

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019563.D
 Acq On : 28 Apr 2022 13:29
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV236

Quant Time: Apr 28 16:29:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 13:24:26 2022
 Response via : Initial Calibration

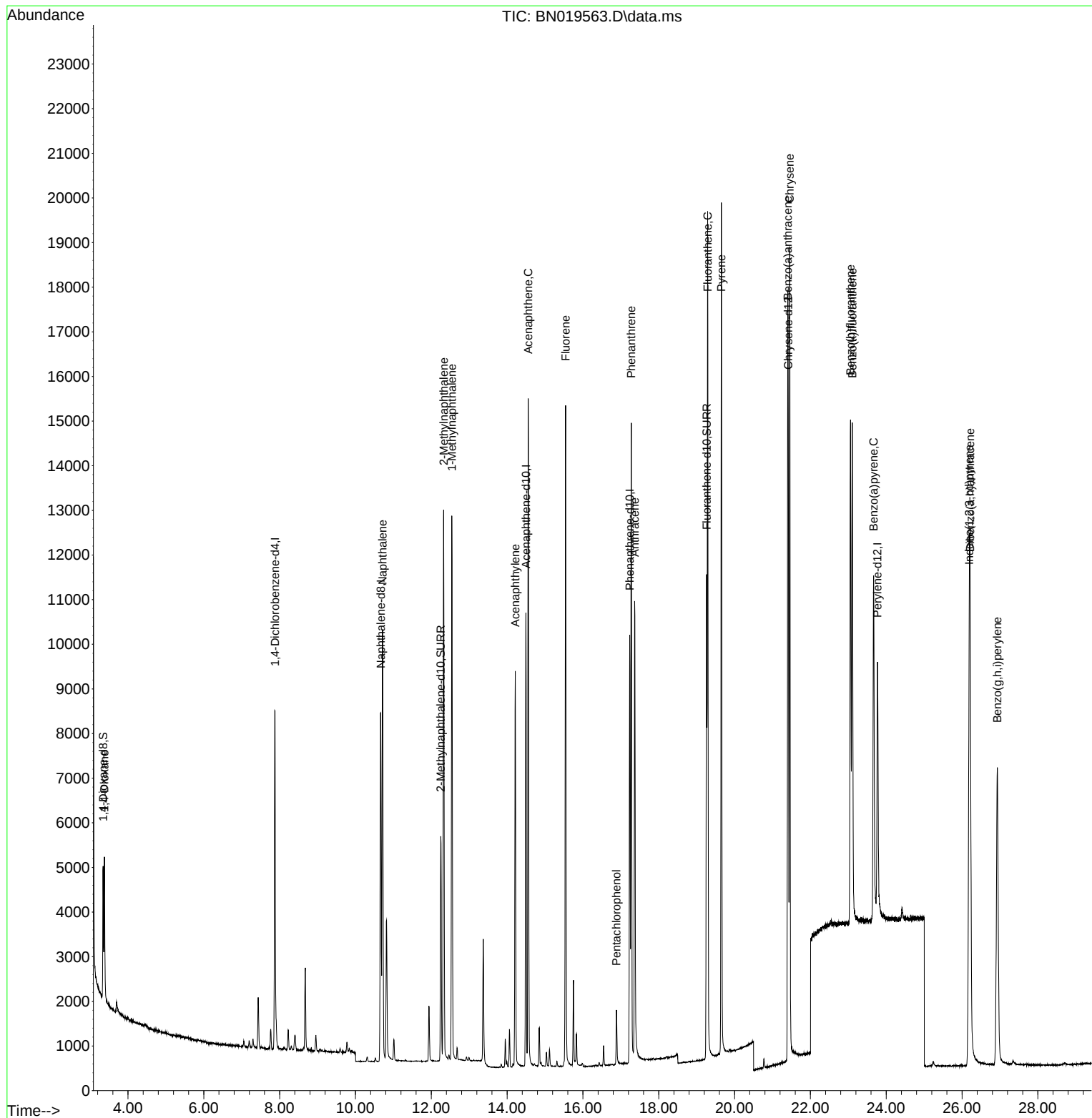
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	4097	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	11483	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	5803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	11369	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	9670	0.400	ng/ul	# 0.00
23) Perylene-d12	23.770	264	7970	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	1883	0.388	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.251	152	6956	0.400	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	12154	0.397	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.378	88	1995	0.388	ng/ul#	83
5) Naphthalene	10.716	128	14277	0.384	ng/ul	99
7) 2-Methylnaphthalene	12.328	142	9346	0.413	ng/ul#	100
8) 1-Methylnaphthalene	12.542	142	8746	0.417	ng/ul#	100
10) Acenaphthylene	14.215	152	10504	0.366	ng/ul	99
11) Acenaphthene	14.557	153	9001	0.390	ng/ul	98
12) Fluorene	15.543	166	9701	0.383	ng/ul	99
14) Pentachlorophenol	16.884	266	891	0.364	ng/ul	90
15) Phenanthrene	17.276	178	15698	0.375	ng/ul	100
16) Anthracene	17.365	178	12624	0.370	ng/ul	100
19) Fluoranthene	19.290	202	16195	0.366	ng/ul	98
20) Pyrene	19.653	202	16415	0.372	ng/ul	97
21) Benzo(a)anthracene	21.403	228	12986	0.359	ng/ul	100
22) Chrysene	21.455	228	15998	0.376	ng/ul	99
24) Benzo(b)fluoranthene	23.057	252	15062	0.372	ng/ul	99
25) Benzo(k)fluoranthene	23.104	252	15421	0.396	ng/ul#	94
26) Benzo(a)pyrene	23.668	252	12750	0.370	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.188	276	16429	0.382	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.215	278	13676	0.381	ng/ul#	81
29) Benzo(g,h,i)perylene	26.929	276	14811	0.377	ng/ul	96

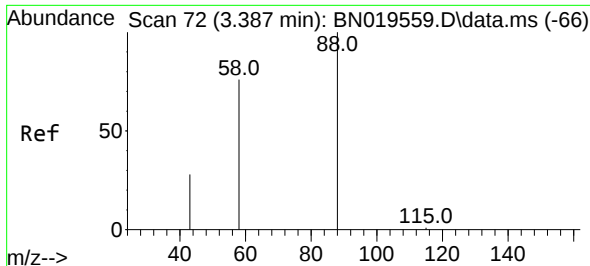
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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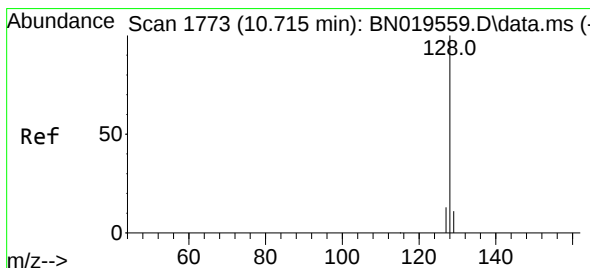
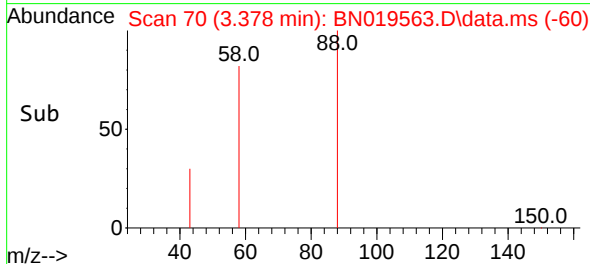
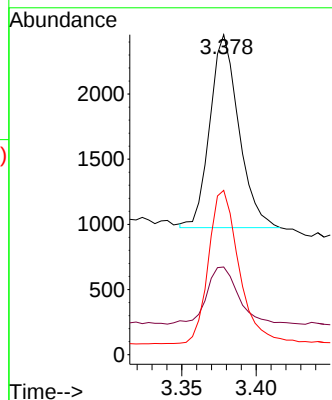
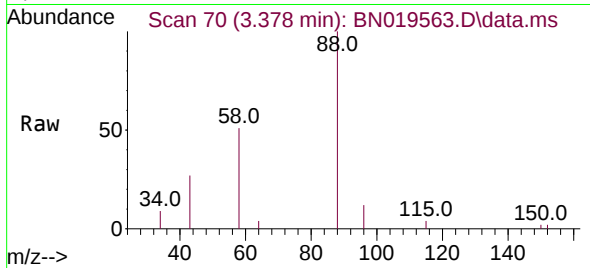




#2
1,4-Dioxane
Concen: 0.388 ng/ul
RT: 3.378 min Scan# 70
Delta R.T. -0.008 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

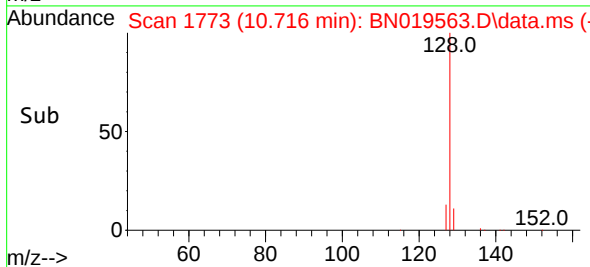
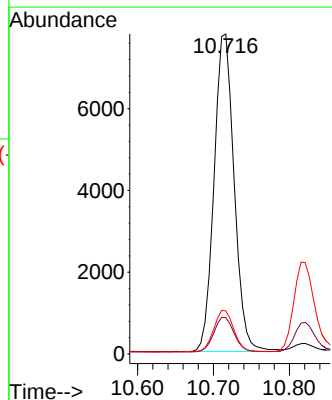
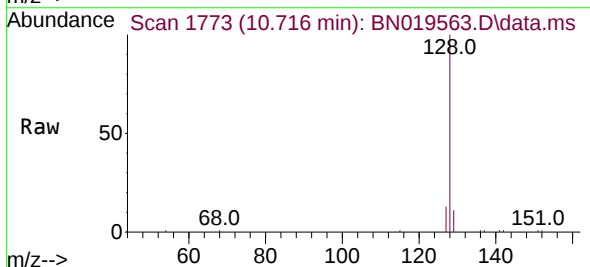
Instrument :
BNA_N
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SICV236

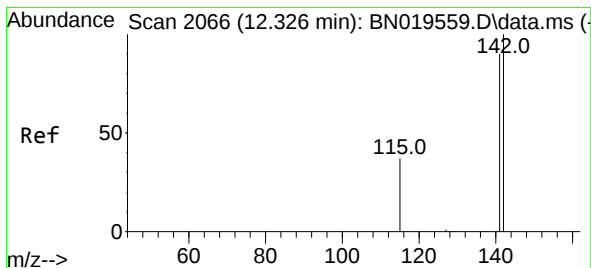
Tgt Ion: 88 Resp: 1995
Ion Ratio Lower Upper
88 100
43 27.4 39.0 58.4#
58 51.3 39.8 59.8



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

Tgt Ion: 128 Resp: 14277
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.4 11.0 16.4

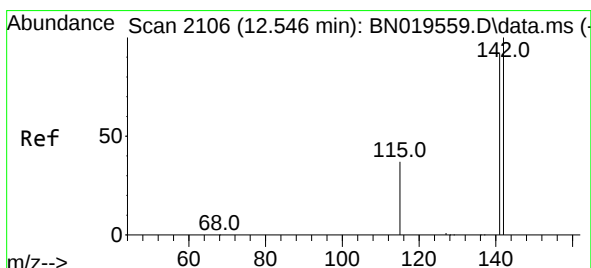
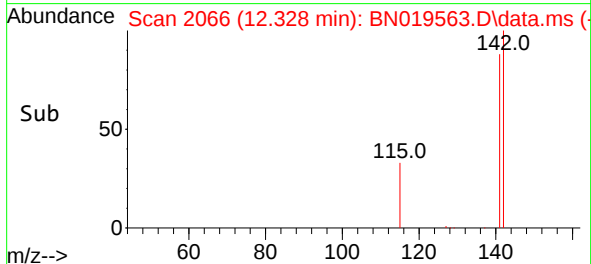
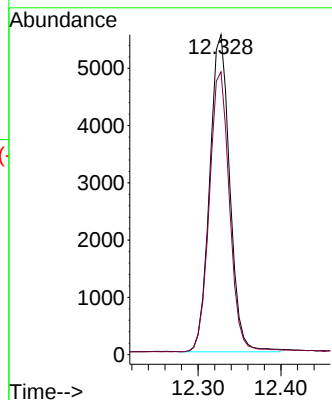
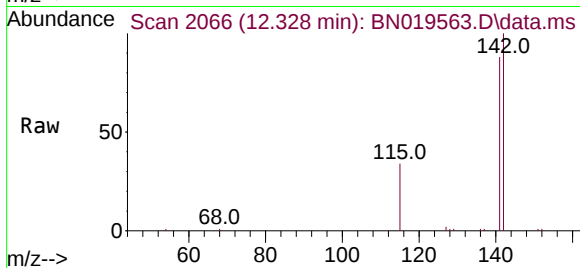




#7
2-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.328 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

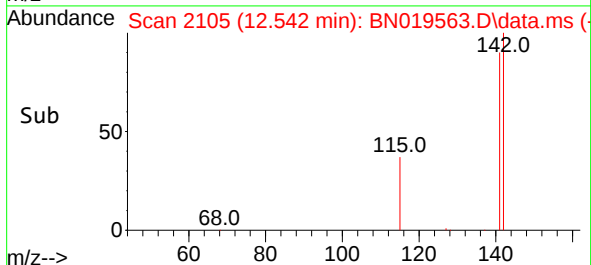
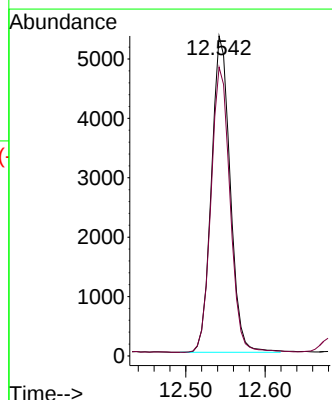
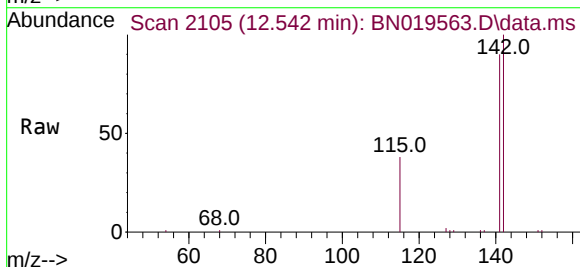
Instrument :
BNA_N
ClientSampleId :
SICV236

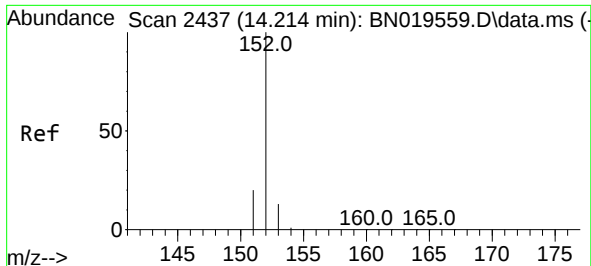
Tgt Ion:142 Resp: 9346
Ion Ratio Lower Upper
142 100
141 88.7 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.542 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

Tgt Ion:142 Resp: 8746
Ion Ratio Lower Upper
142 100
141 91.4 0.0 0.0#

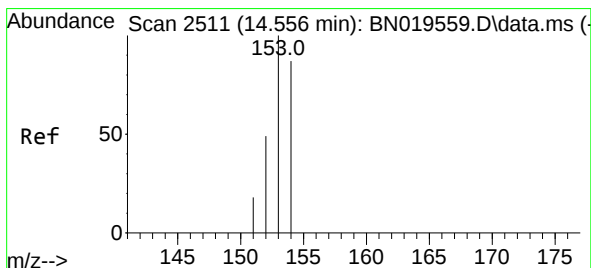
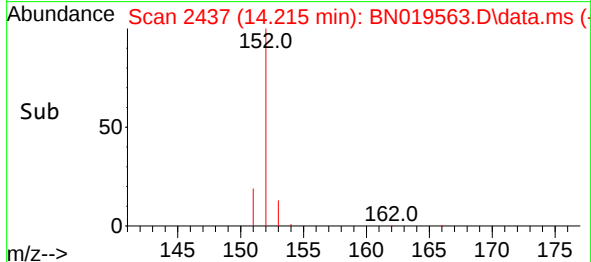
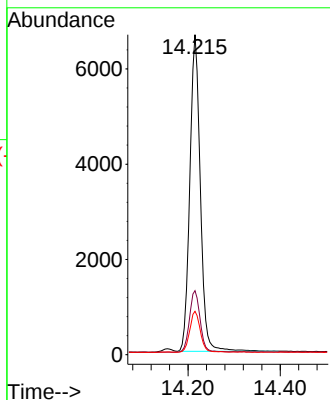
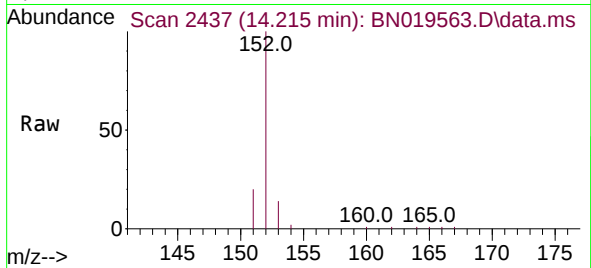




#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.215 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

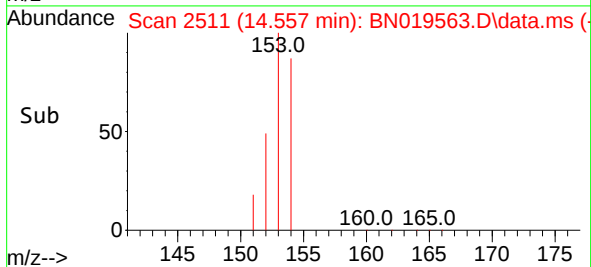
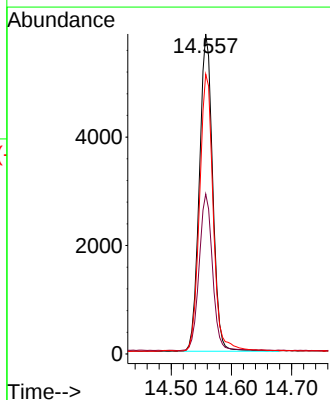
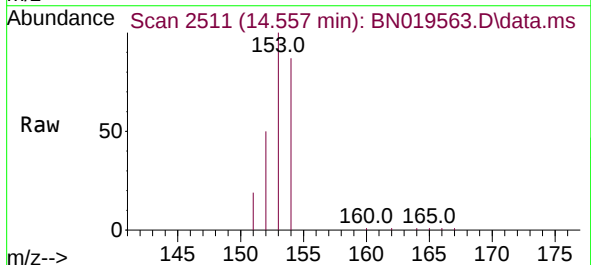
Instrument :
BNA_N
ClientSampleId :
SICV236

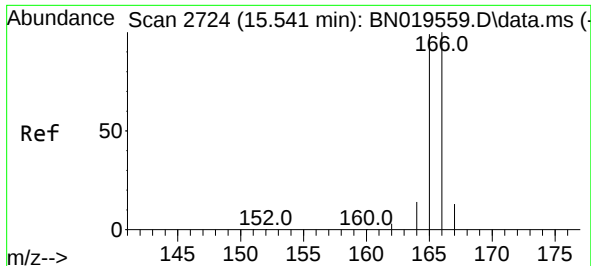
Tgt Ion:152 Resp: 10504
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.557 min Scan# 2511
Delta R.T. 0.001 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

Tgt Ion:153 Resp: 9001
Ion Ratio Lower Upper
153 100
152 50.0 38.6 57.8
154 87.4 71.2 106.8

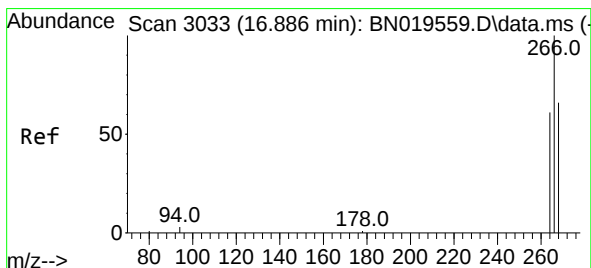
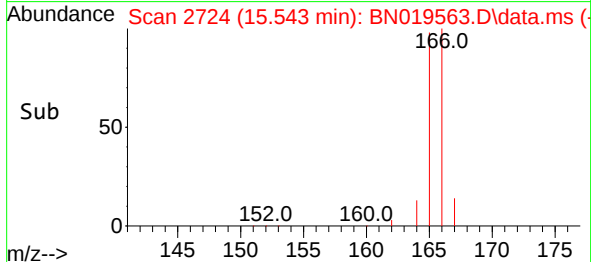
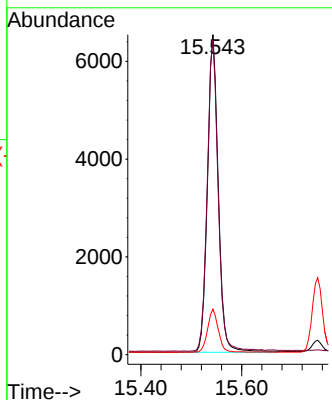
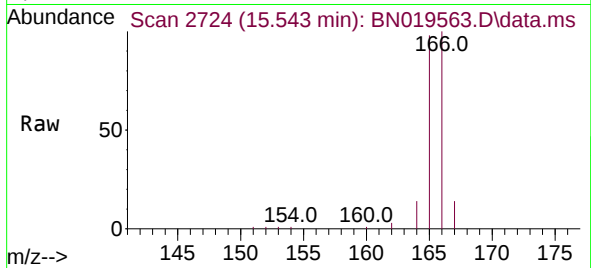




#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.543 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

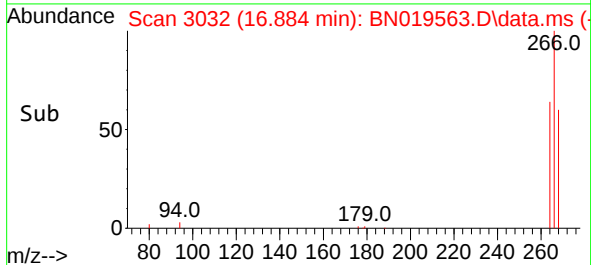
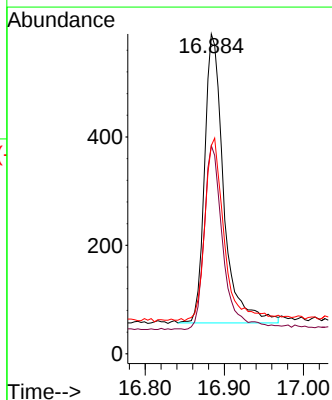
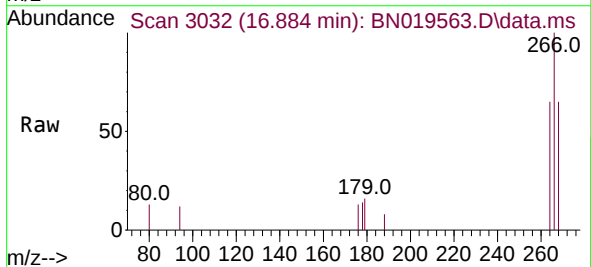
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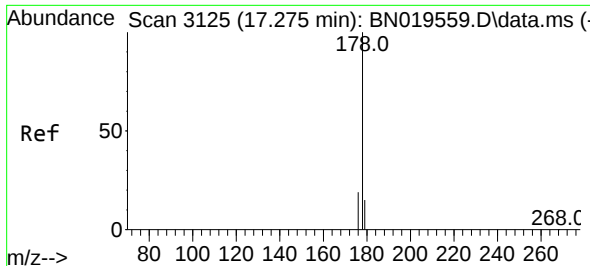
Tgt Ion:166 Resp: 9701
Ion Ratio Lower Upper
166 100
165 98.5 78.2 117.2
167 14.3 11.3 16.9



#14
Pentachlorophenol
Concen: 0.364 ng/ul
RT: 16.884 min Scan# 3032
Delta R.T. -0.003 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

Tgt Ion:266 Resp: 891
Ion Ratio Lower Upper
266 100
264 63.0 44.9 67.3
268 63.6 44.6 67.0

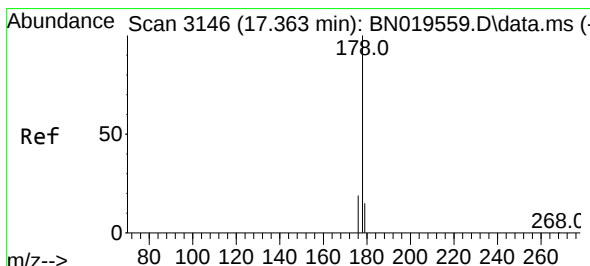
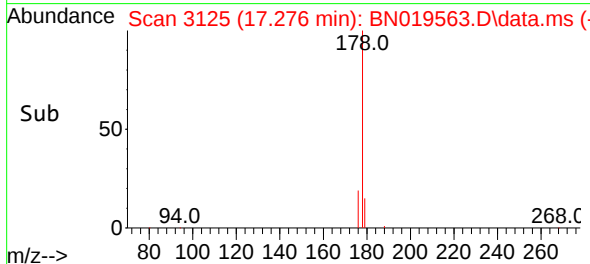
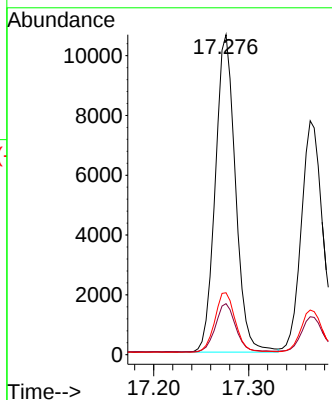
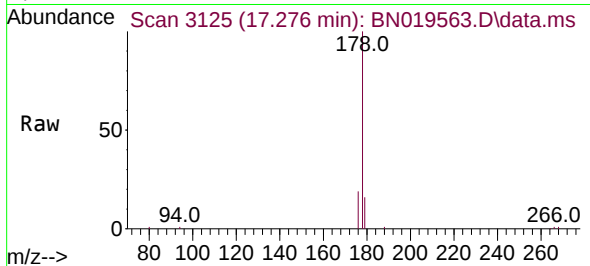




#15
Phenanthrene
Concen: 0.375 ng/u1
RT: 17.276 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

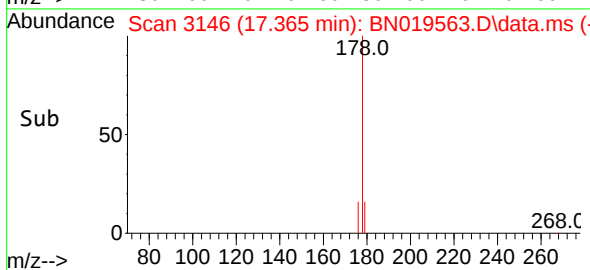
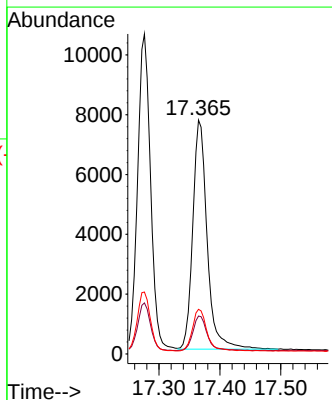
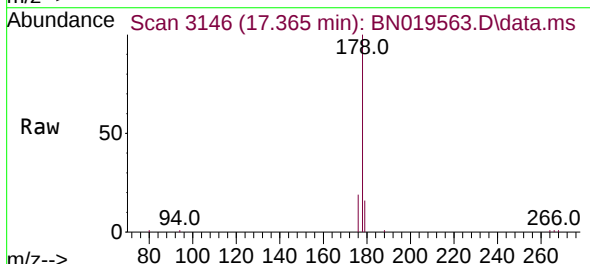
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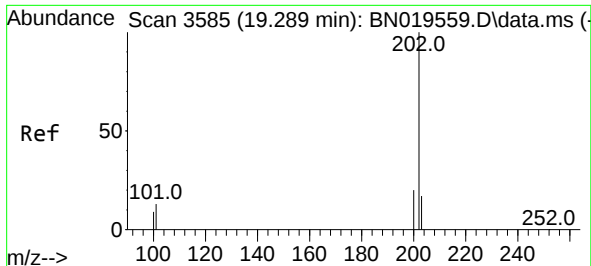
Tgt Ion:178 Resp: 15698
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.4 15.5 23.3



#16
Anthracene
Concen: 0.370 ng/u1
RT: 17.365 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

Tgt Ion:178 Resp: 12624
Ion Ratio Lower Upper
178 100
179 16.2 13.1 19.7
176 19.1 15.3 22.9

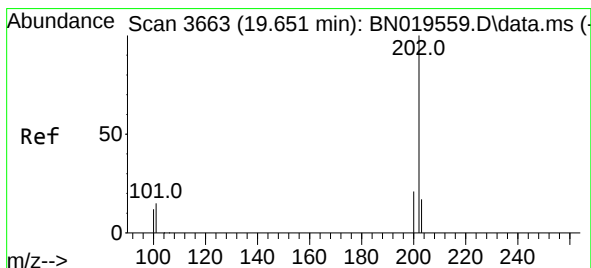
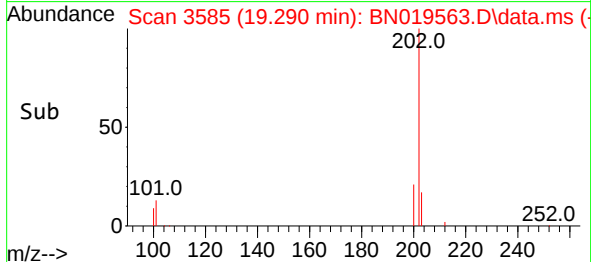
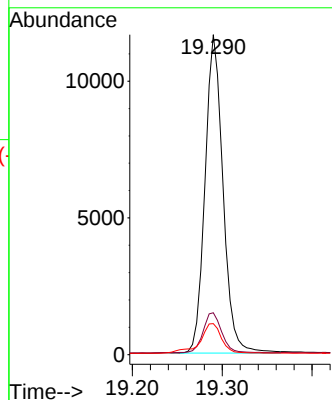
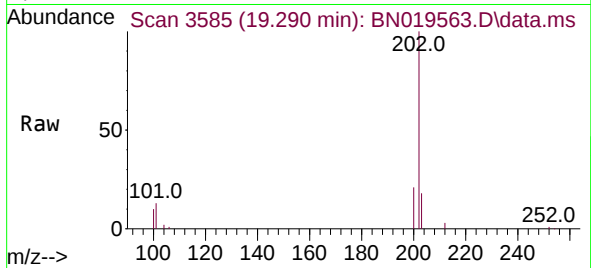




#19
Fluoranthene
Concen: 0.366 ng/u1
RT: 19.290 min Scan# 3585
Delta R.T. 0.001 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

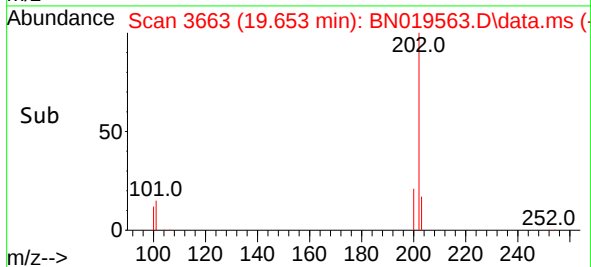
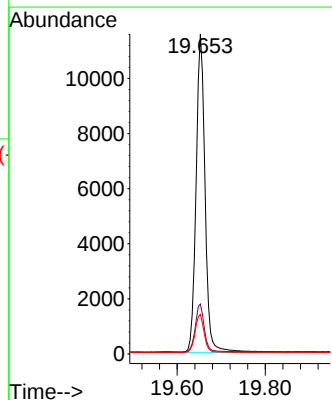
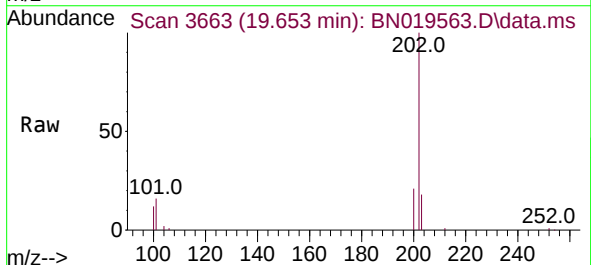
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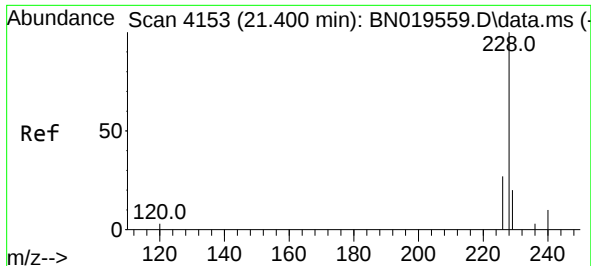
Tgt Ion:202 Resp: 16195
Ion Ratio Lower Upper
202 100
101 13.1 9.7 14.5
100 9.7 7.4 11.2



#20
Pyrene
Concen: 0.372 ng/u1
RT: 19.653 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

Tgt Ion:202 Resp: 16415
Ion Ratio Lower Upper
202 100
101 15.6 11.4 17.0
100 12.4 9.0 13.4

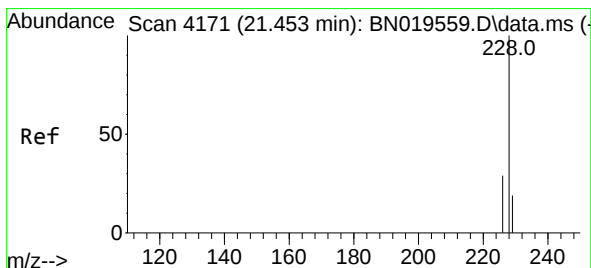
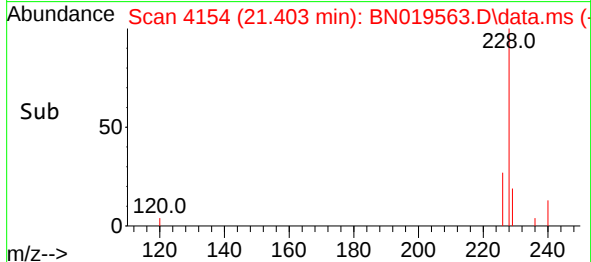
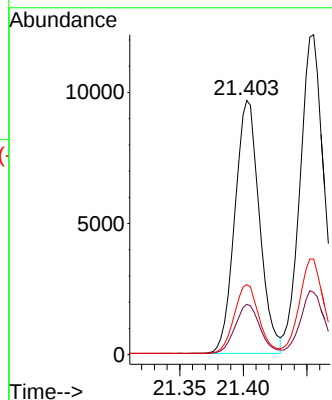
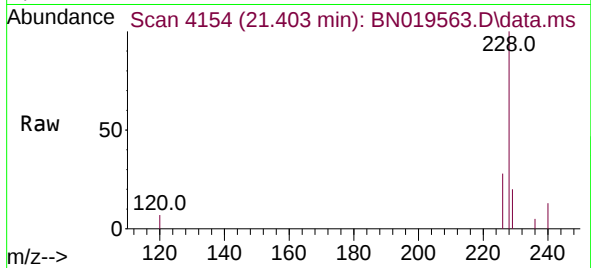




#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.403 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

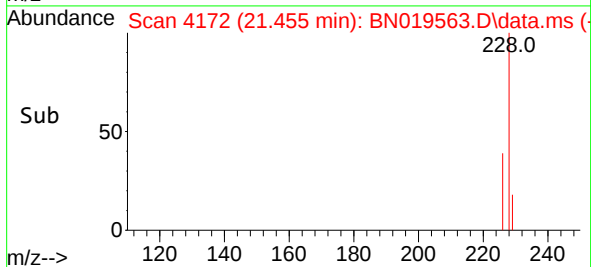
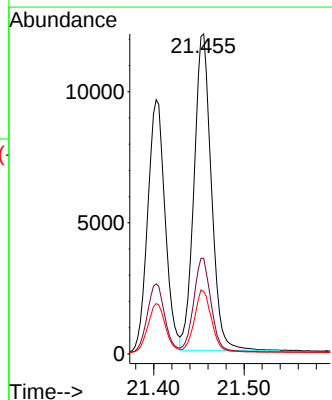
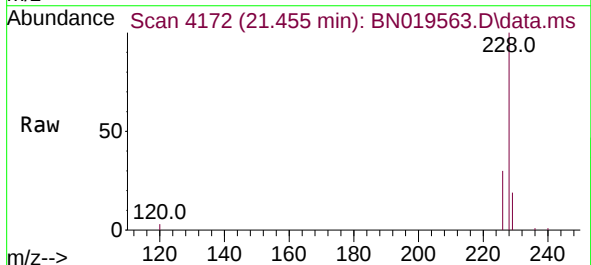
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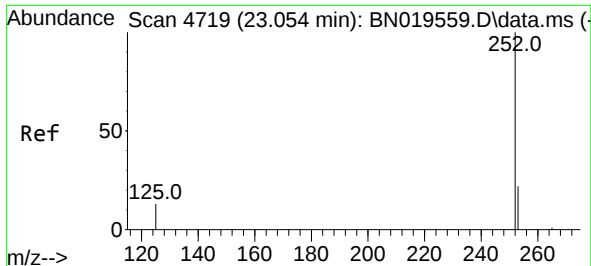
Tgt Ion:228 Resp: 12986
Ion Ratio Lower Upper
228 100
229 19.8 16.1 24.1
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.455 min Scan# 4172
Delta R.T. 0.003 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

Tgt Ion:228 Resp: 15998
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 19.4 16.0 24.0

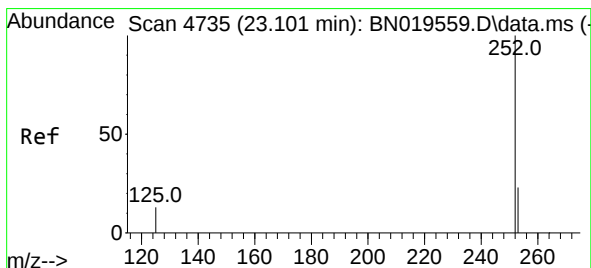
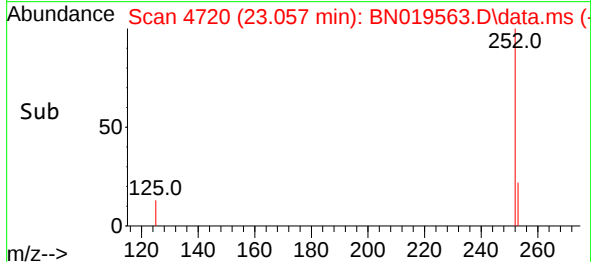
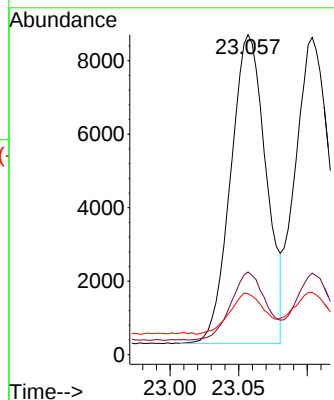
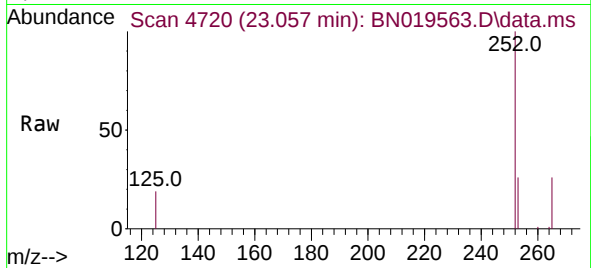




#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.057 min Scan# 4719
Delta R.T. 0.003 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

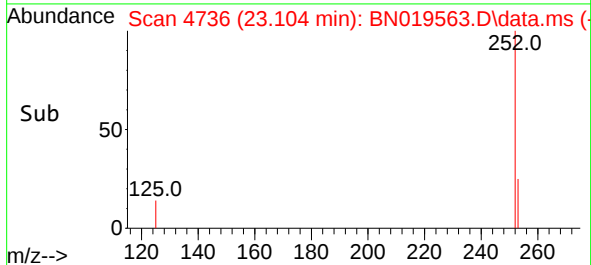
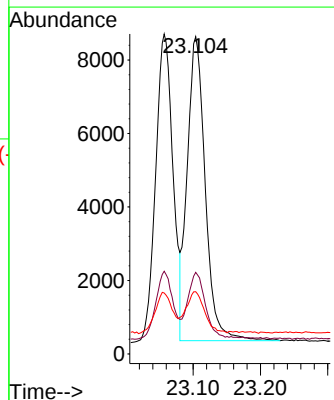
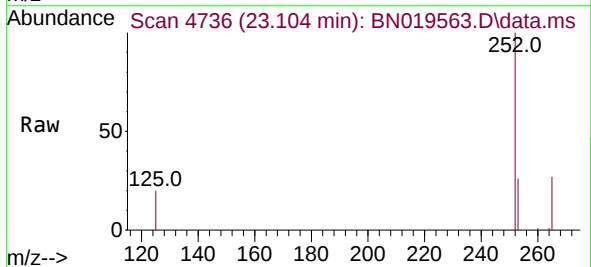
Instrument :
BNA_N
ClientSampleId :
SICV236

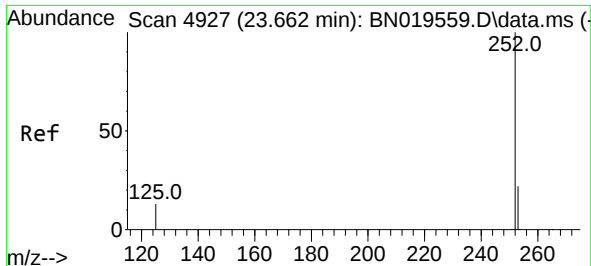
Tgt Ion:252 Resp: 15062
Ion Ratio Lower Upper
252 100
253 25.8 0.0 52.0
125 19.0 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.104 min Scan# 4736
Delta R.T. 0.003 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

Tgt Ion:252 Resp: 15421
Ion Ratio Lower Upper
252 100
253 25.7 20.2 30.2
125 19.6 11.0 16.6#

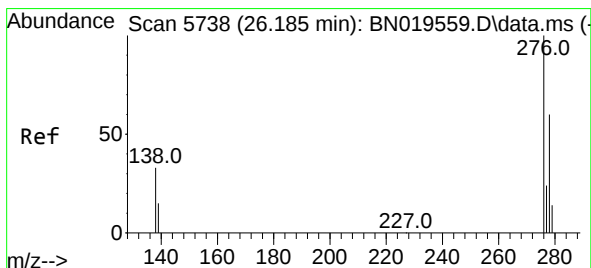
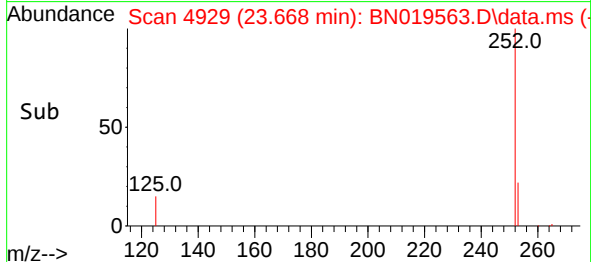
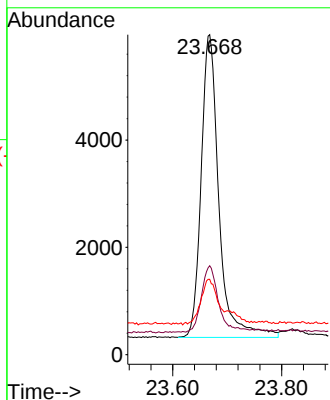
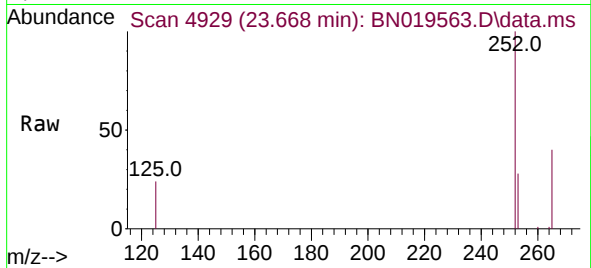




#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.668 min Scan# 4927
Delta R.T. 0.005 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

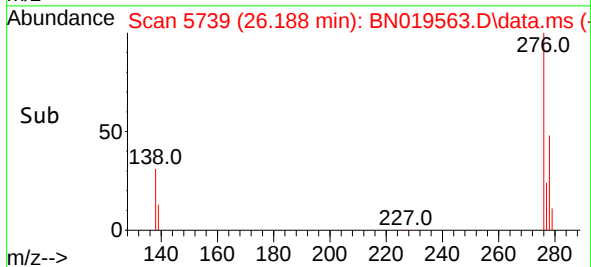
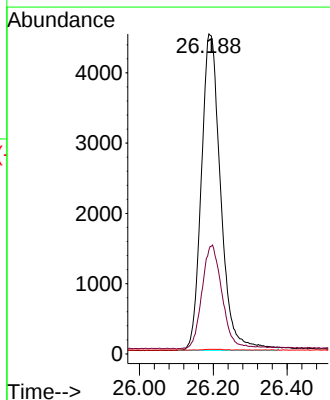
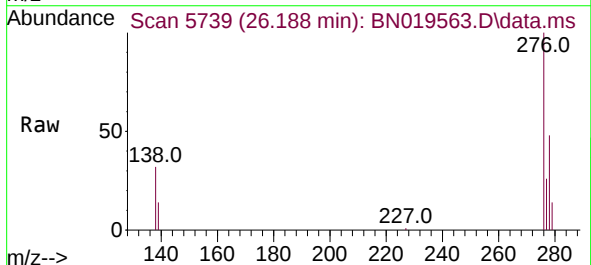
Instrument :
BNA_N
ClientSampleId :
SICV236

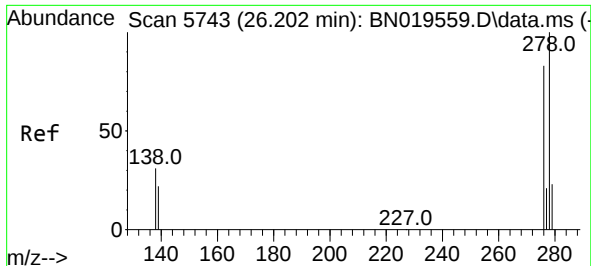
Tgt Ion:252 Resp: 12750
Ion Ratio Lower Upper
252 100
253 27.8 23.4 35.0
125 23.6 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng/ul
RT: 26.188 min Scan# 5739
Delta R.T. 0.003 min
Lab File: BN019563.D
Acq: 28 Apr 2022 13:29

Tgt Ion:276 Resp: 16429
Ion Ratio Lower Upper
276 100
138 34.5 23.6 35.4
227 0.0 0.0 0.0

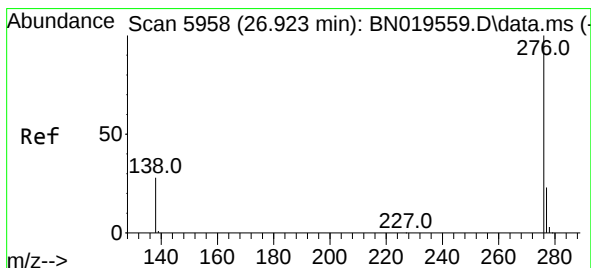
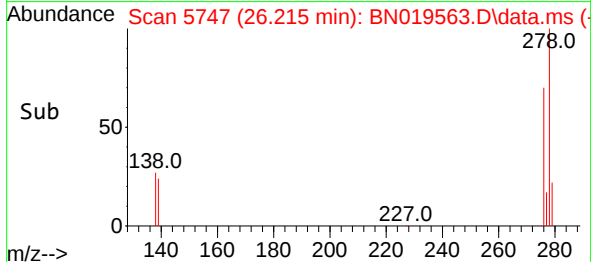
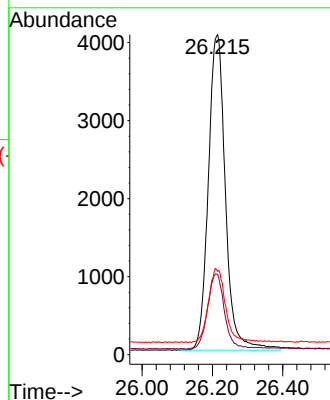
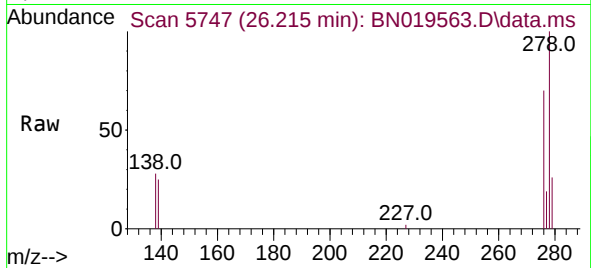




#28
 Dibenzo(a,h)anthracene
 Concen: 0.381 ng/ul
 RT: 26.215 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: BN019563.D
 Acq: 28 Apr 2022 13:29

Instrument :
 BNA_N
 ClientSampleId :
 SICV236

Tgt Ion:278 Resp: 13676
 Ion Ratio Lower Upper
 278 100
 139 25.1 18.6 28.0
 279 26.0 35.1 52.7#



#29
 Benzo(g,h,i)perylene
 Concen: 0.377 ng/ul
 RT: 26.929 min Scan# 5960
 Delta R.T. 0.006 min
 Lab File: BN019563.D
 Acq: 28 Apr 2022 13:29

Tgt Ion:276 Resp: 14811
 Ion Ratio Lower Upper
 276 100
 138 30.0 20.9 31.3
 277 25.1 20.4 30.6

