

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030422\
 Data File : BN018833.D
 Acq On : 03 Mar 2022 19:28
 Operator : CG/JU
 Sample : N1745-12MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0AB1MS

Quant Time: Mar 04 01:47:26 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)

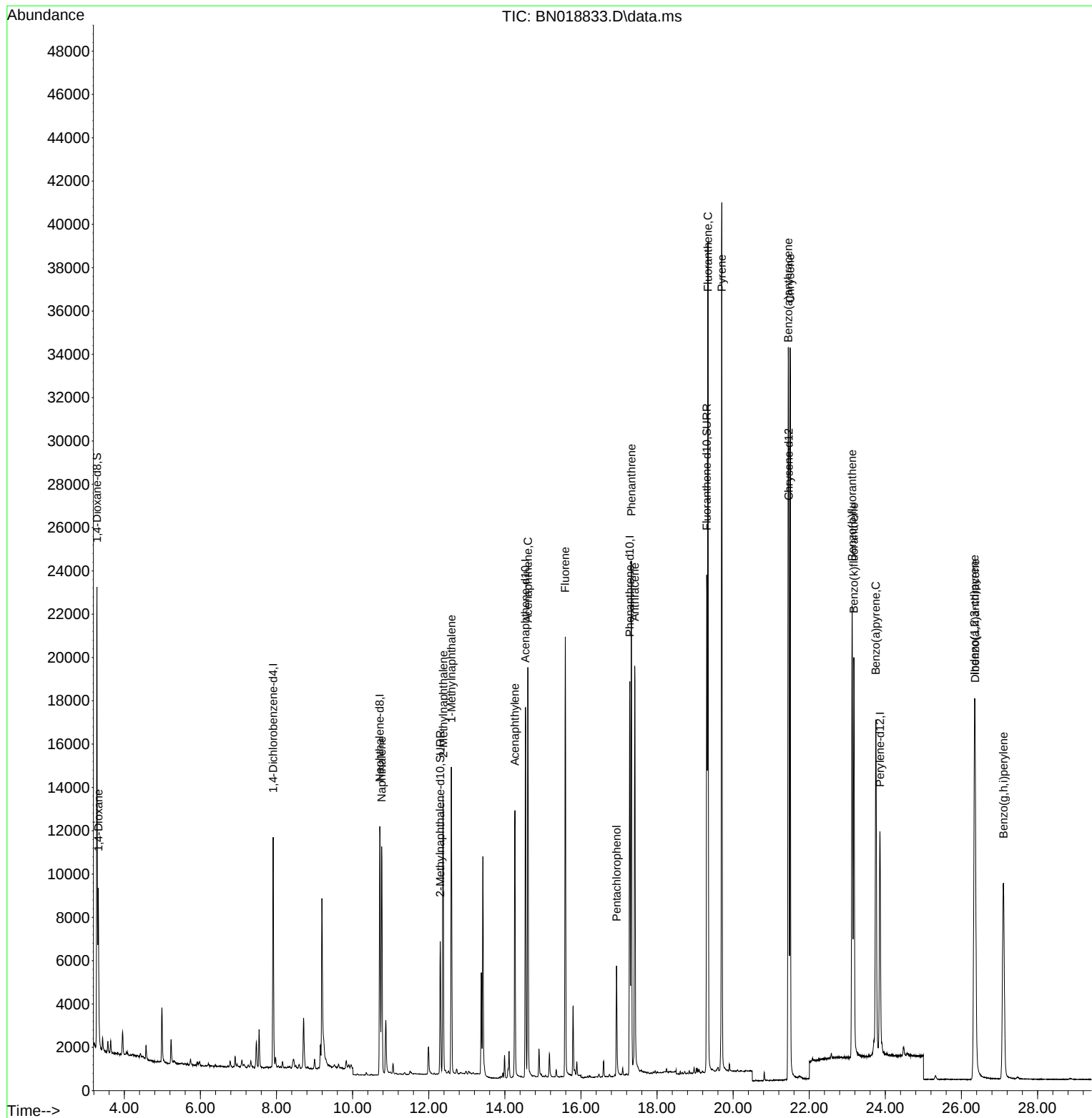
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	5467	0.400	ng/ul	0.00
4) Naphthalene-d8	10.714	136	15542	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.542	164	9298	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.283	188	20854	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.464	240	17718	0.400	ng/ul	# 0.00
23) Perylene-d12	23.858	264	14525	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	14371	2.315	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.303	152	7970	0.375	ng/ul	-0.01
18) Fluoranthene-d10	19.307	212	25145	0.475	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.318	88	4506	0.708	ng/ul#	79
5) Naphthalene	10.763	128	14441	0.328	ng/ul	100
7) 2-Methylnaphthalene	12.380	142	9472	0.334	ng/ul	100
8) 1-Methylnaphthalene	12.595	142	9575	0.339	ng/ul	100
10) Acenaphthylene	14.264	152	14289	0.341	ng/ul	99
11) Acenaphthene	14.607	153	11025	0.328	ng/ul	99
12) Fluorene	15.588	166	13178	0.365	ng/ul	98
14) Pentachlorophenol	16.937	266	3681	0.865	ng/ul	99
15) Phenanthrene	17.325	178	25628	0.374	ng/ul	99
16) Anthracene	17.414	178	21701	0.354	ng/ul	100
19) Fluoranthene	19.339	202	32815	0.441	ng/ul#	94
20) Pyrene	19.702	202	33496	0.436	ng/ul#	94
21) Benzo(a)anthracene	21.446	228	26135	0.381	ng/ul	100
22) Chrysene	21.499	228	28665	0.401	ng/ul	100
24) Benzo(b)fluoranthene	23.127	252	26910	0.417	ng/ul	95
25) Benzo(k)fluoranthene	23.174	252	26030	0.404	ng/ul#	96
26) Benzo(a)pyrene	23.752	252	24589	0.431	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.342	276	24399	0.336	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.359	278	19356	0.340	ng/ul#	93
29) Benzo(g,h,i)perylene	27.103	276	20885	0.336	ng/ul#	92

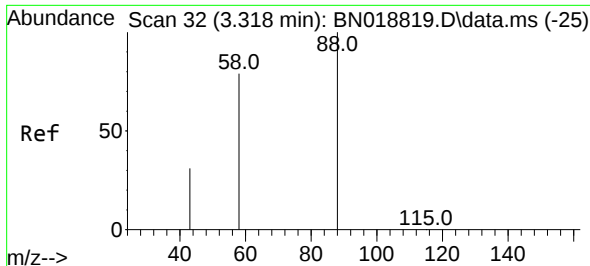
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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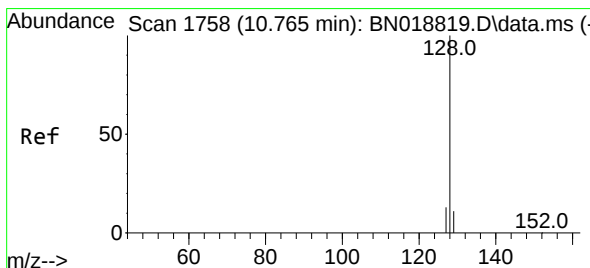
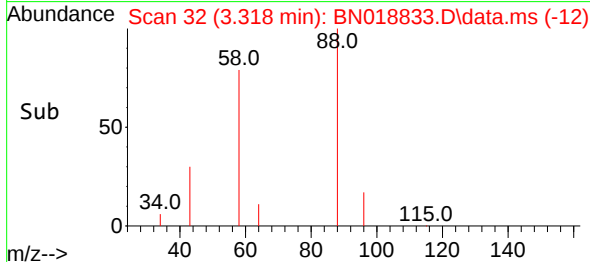
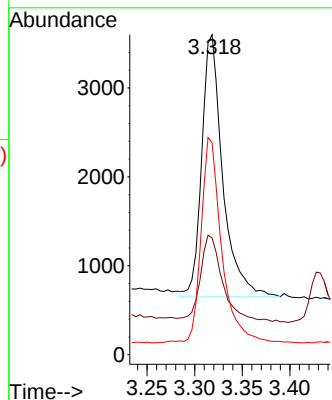
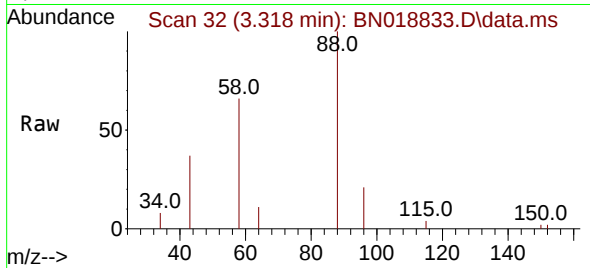




#2
1,4-Dioxane
Concen: 0.708 ng/ul
RT: 3.318 min Scan# 31
Delta R.T. -0.016 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

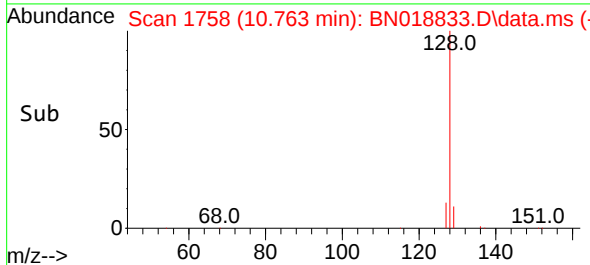
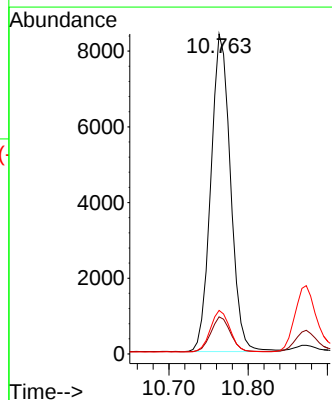
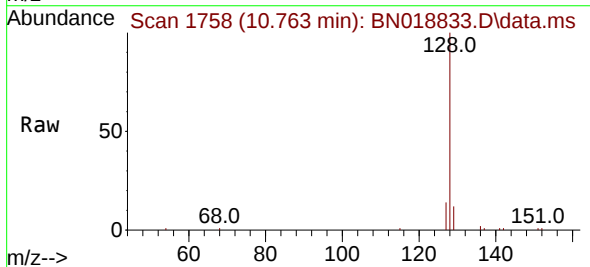
Instrument :
BNA_N
ClientSampleId :
H0AB1MS

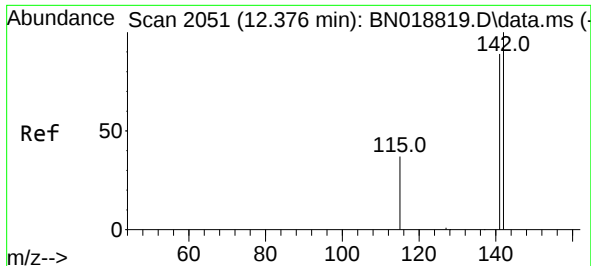
Tgt Ion: 88 Resp: 4506
Ion Ratio Lower Upper
88 100
43 36.5 47.8 71.8#
58 66.3 46.2 69.2



#5
Naphthalene
Concen: 0.328 ng/ul
RT: 10.763 min Scan# 1758
Delta R.T. -0.011 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

Tgt Ion:128 Resp: 14441
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.6 11.0 16.6

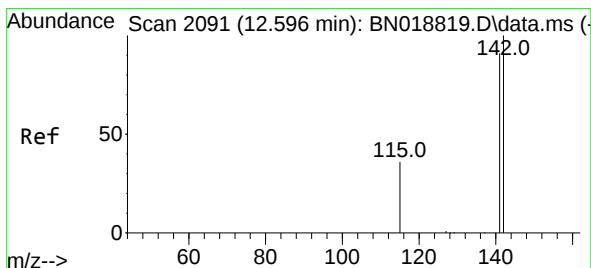
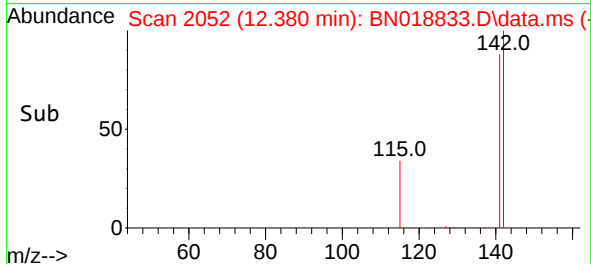
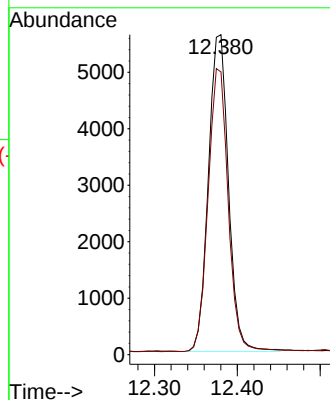
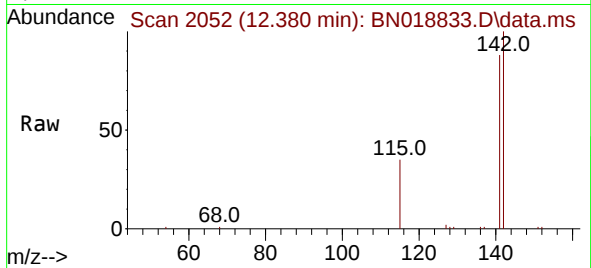




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.380 min Scan# 2051
Delta R.T. -0.005 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

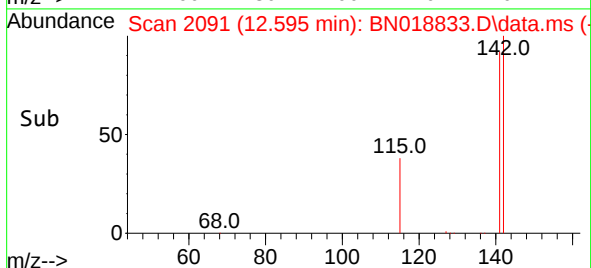
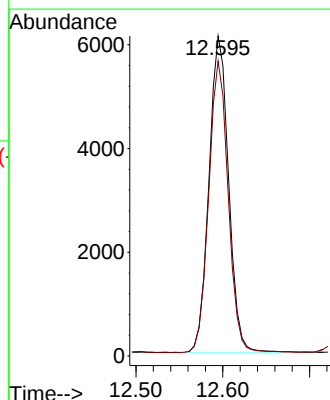
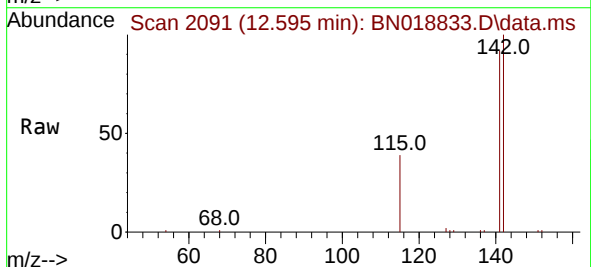
Instrument :
BNA_N
ClientSampleId :
H0AB1MS

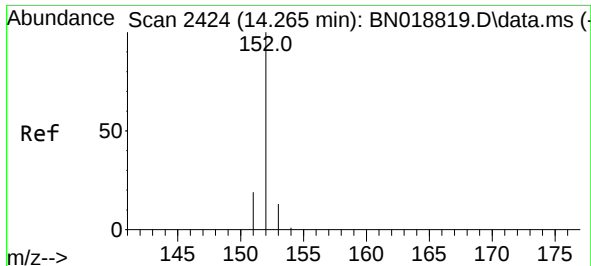
Tgt Ion:142 Resp: 9472
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.595 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

Tgt Ion:142 Resp: 9575
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8

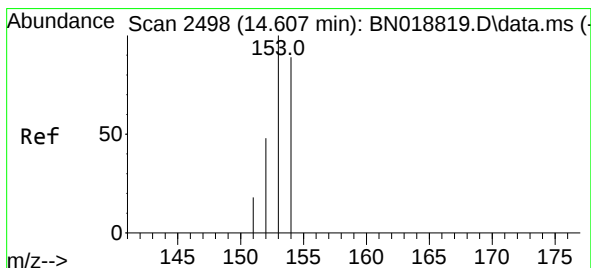
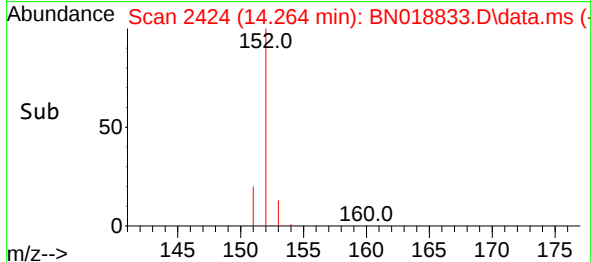
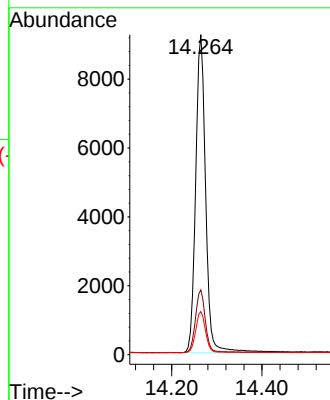
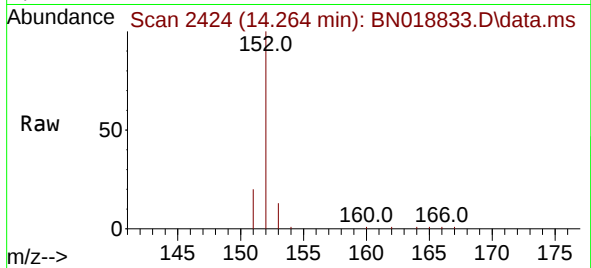




#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.264 min Scan# 2424
Delta R.T. -0.004 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

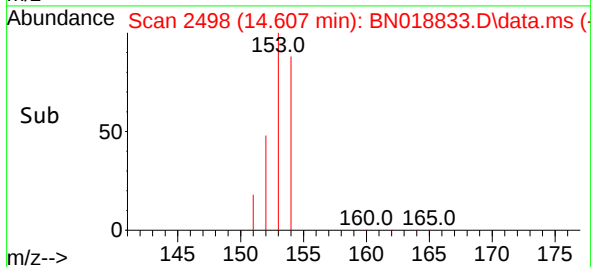
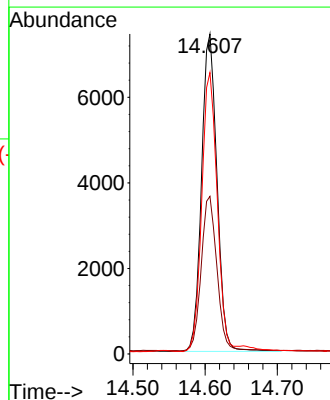
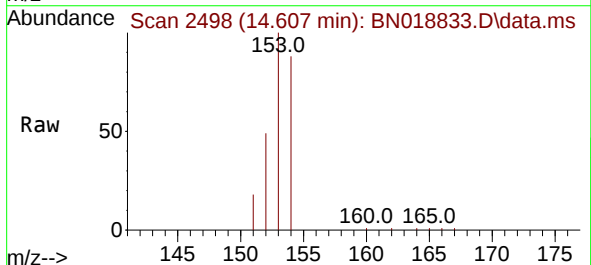
Instrument :
BNA_N
ClientSampleId :
H0AB1MS

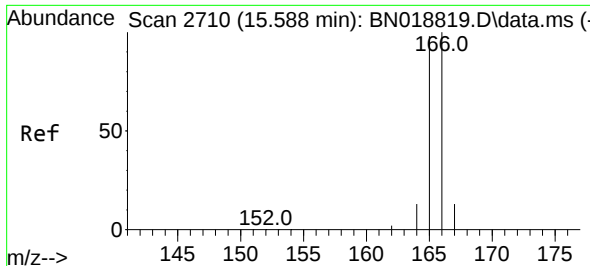
Tgt Ion:152 Resp: 14289
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.4 10.7 16.1



#11
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.607 min Scan# 2498
Delta R.T. -0.004 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

Tgt Ion:153 Resp: 11025
Ion Ratio Lower Upper
153 100
152 49.3 39.7 59.5
154 87.9 70.9 106.3

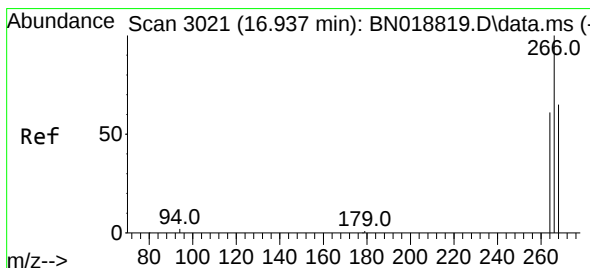
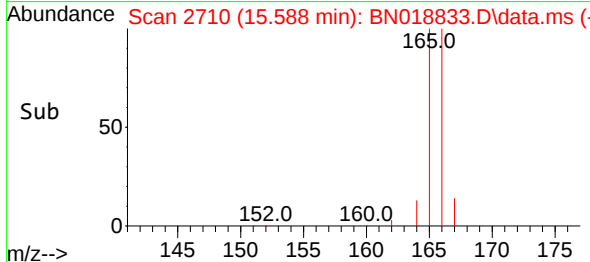
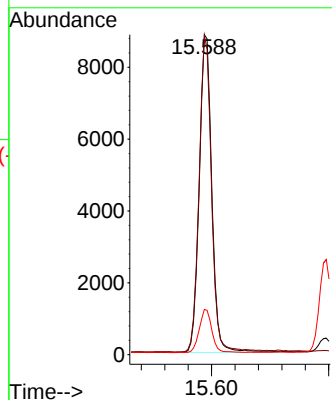
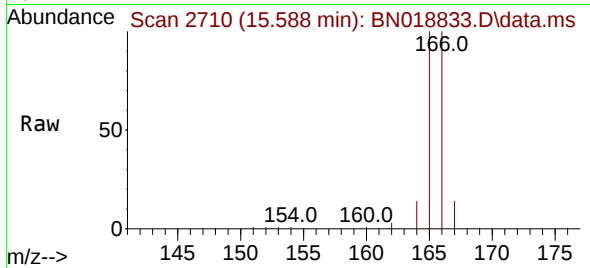




#12
Fluorene
Concen: 0.365 ng/ul
RT: 15.588 min Scan# 2710
Delta R.T. -0.009 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

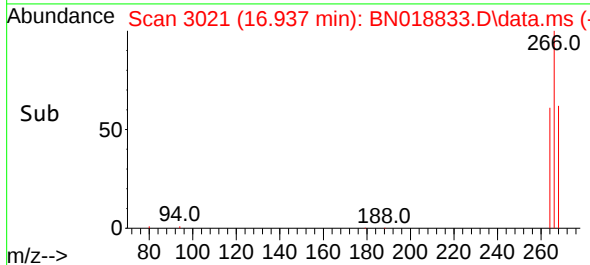
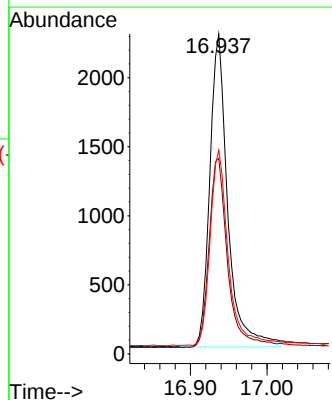
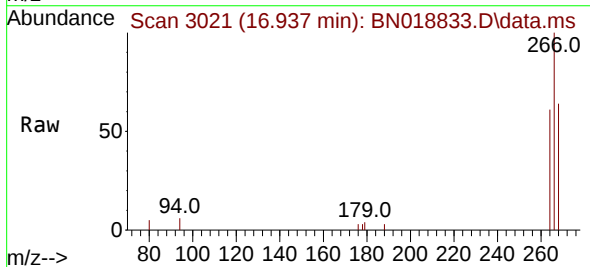
Instrument :
BNA_N
ClientSampleId :
H0AB1MS

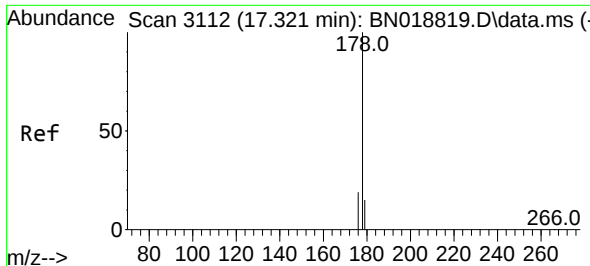
Tgt Ion:166 Resp: 13178
Ion Ratio Lower Upper
166 100
165 99.8 77.8 116.6
167 14.2 11.6 17.4



#14
Pentachlorophenol
Concen: 0.865 ng/ul
RT: 16.937 min Scan# 3021
Delta R.T. -0.004 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

Tgt Ion:266 Resp: 3681
Ion Ratio Lower Upper
266 100
264 62.9 49.9 74.9
268 63.4 51.7 77.5

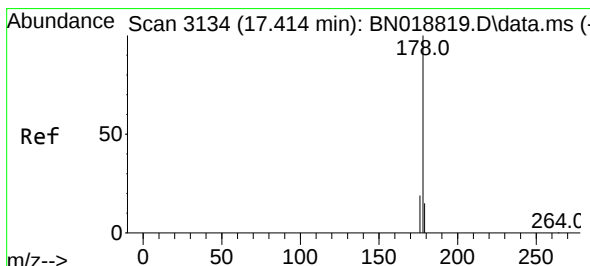
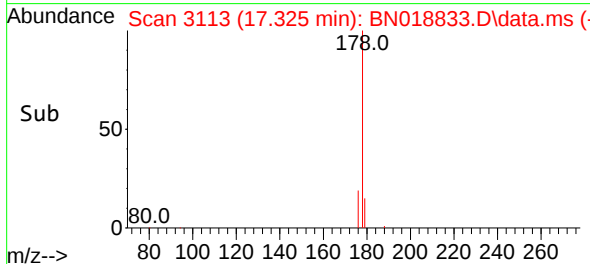
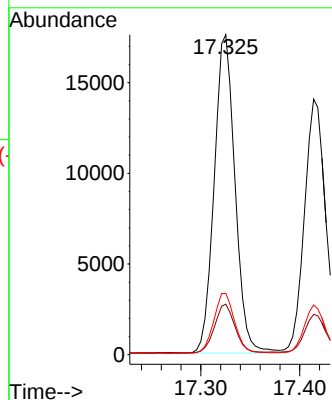
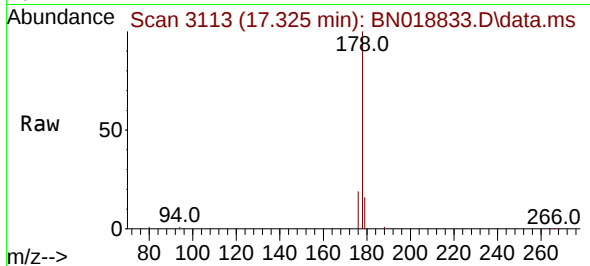




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.325 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

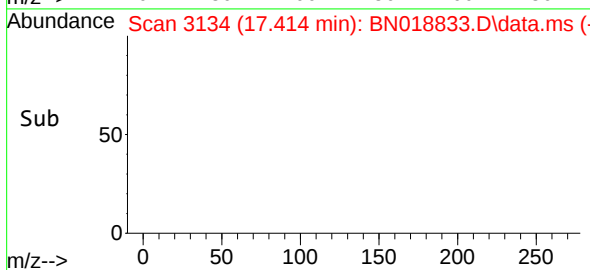
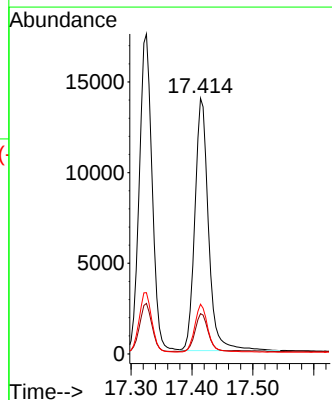
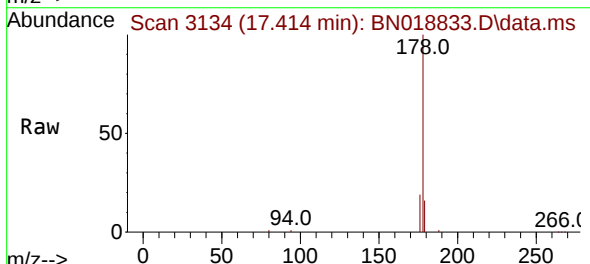
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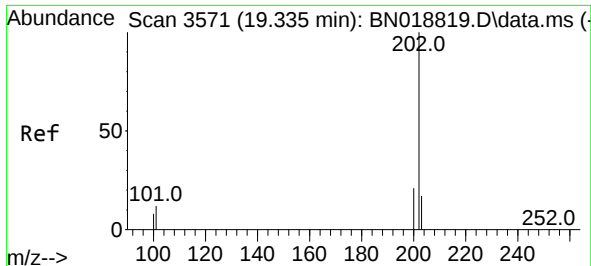
Tgt Ion:178 Resp: 25628
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 19.1 15.4 23.2



#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.414 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

Tgt Ion:178 Resp: 21701
Ion Ratio Lower Upper
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179 15.8 12.3 18.5
176 19.4 15.5 23.3

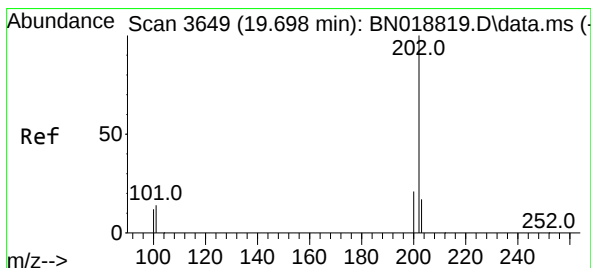
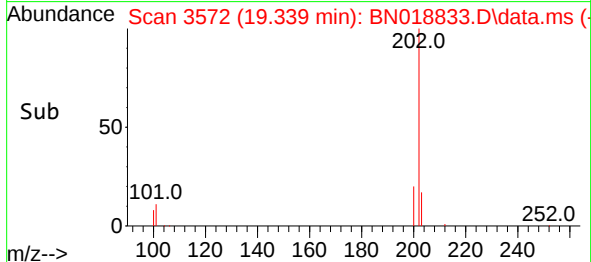
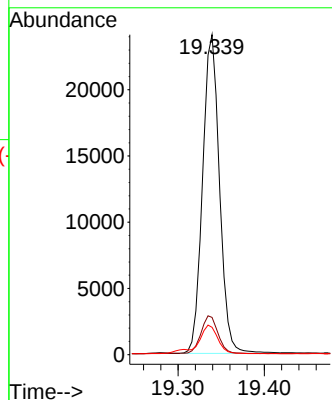
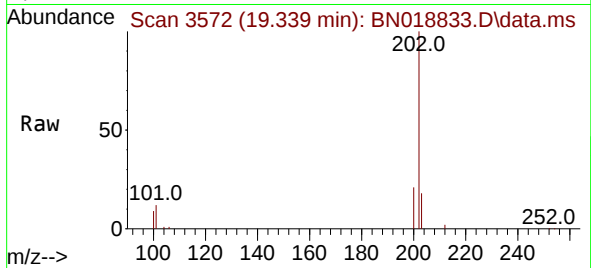




#19
Fluoranthene
Concen: 0.441 ng/ul
RT: 19.339 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

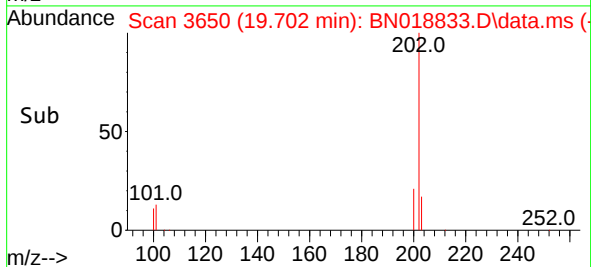
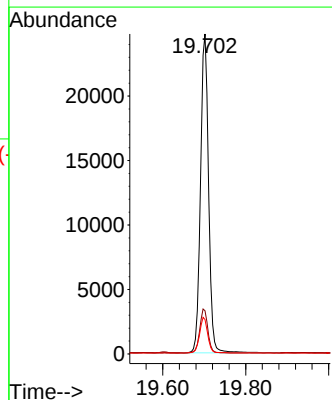
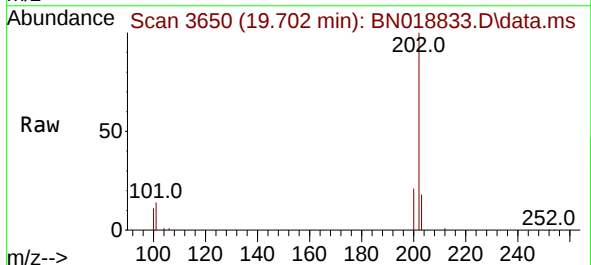
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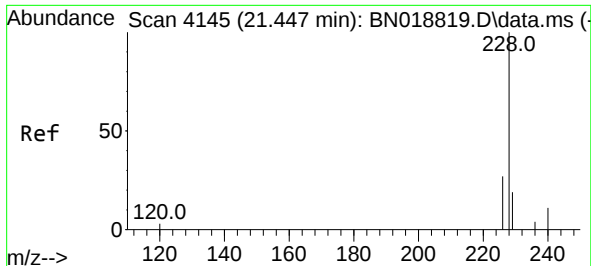
Tgt Ion:202 Resp: 32815
Ion Ratio Lower Upper
202 100
101 11.6 7.5 11.3#
100 8.6 5.4 8.2#



#20
Pyrene
Concen: 0.436 ng/ul
RT: 19.702 min Scan# 3650
Delta R.T. -0.004 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

Tgt Ion:202 Resp: 33496
Ion Ratio Lower Upper
202 100
101 13.5 9.0 13.4#
100 10.8 7.0 10.4#

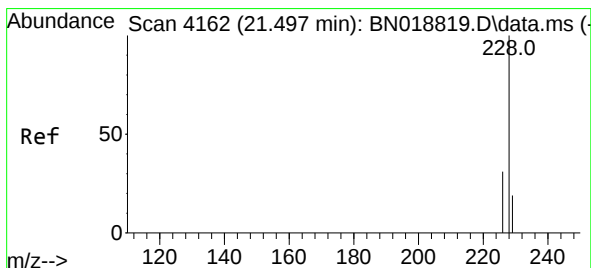
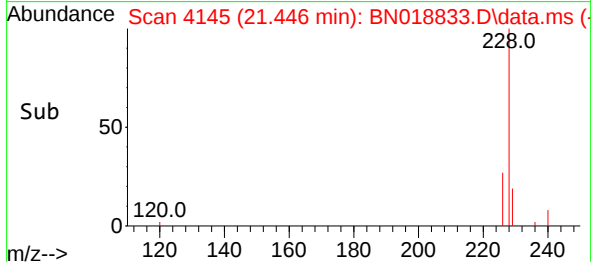
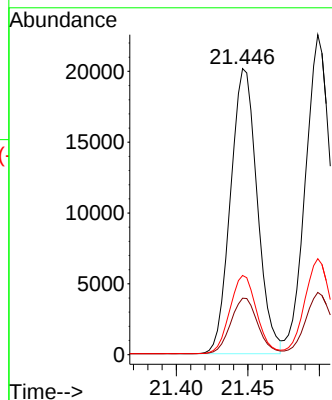
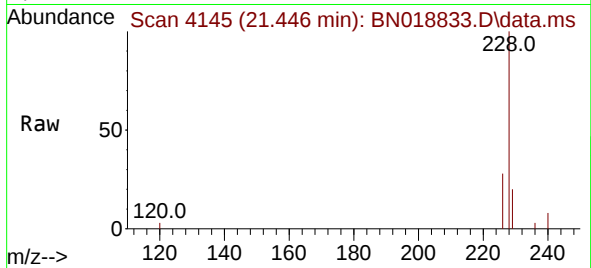




#21
Benzo(a)anthracene
Concen: 0.381 ng/ul
RT: 21.446 min Scan# 4145
Delta R.T. -0.005 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

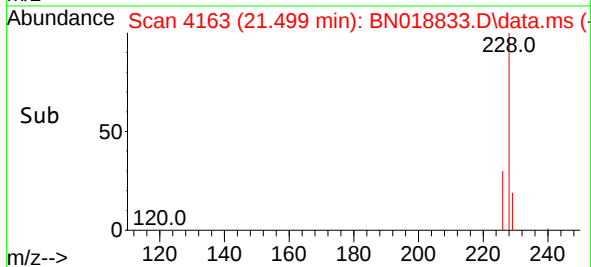
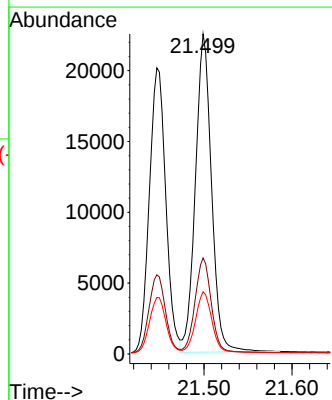
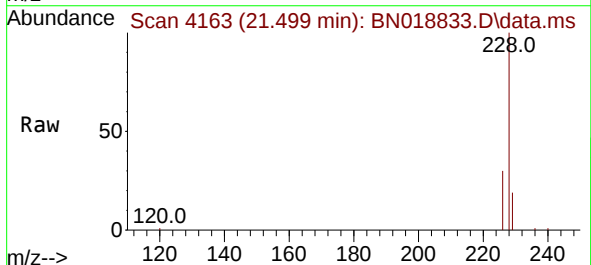
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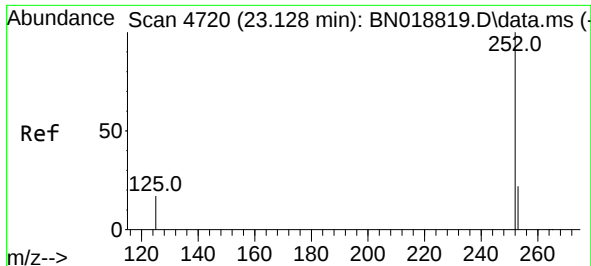
Tgt Ion:228 Resp: 26135
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.499 min Scan# 4163
Delta R.T. -0.005 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

Tgt Ion:228 Resp: 28665
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.4
229 19.4 15.7 23.5

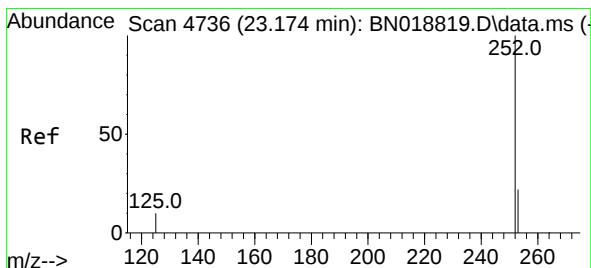
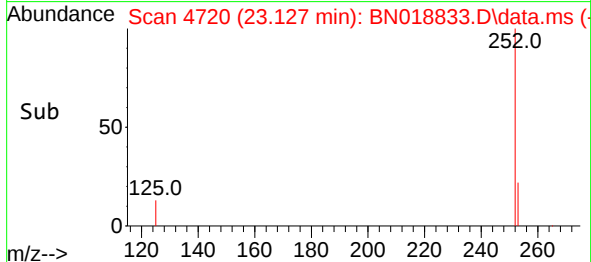
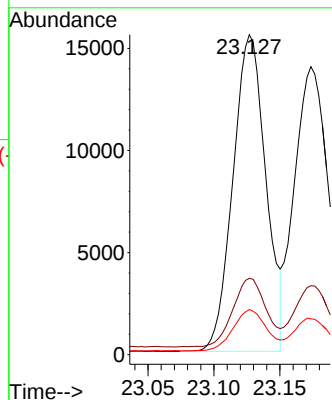
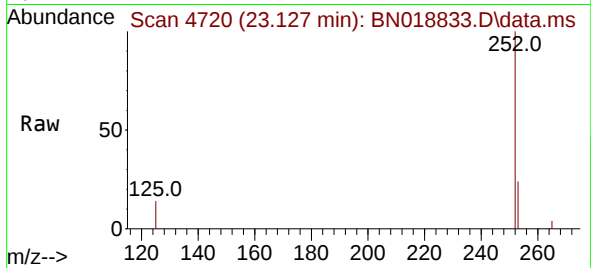




#24
Benzo(b)fluoranthene
Concen: 0.417 ng/ul
RT: 23.127 min Scan# 4720
Delta R.T. -0.008 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

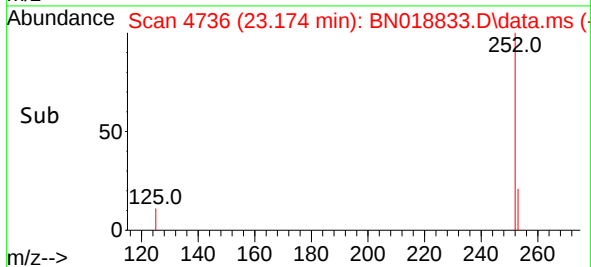
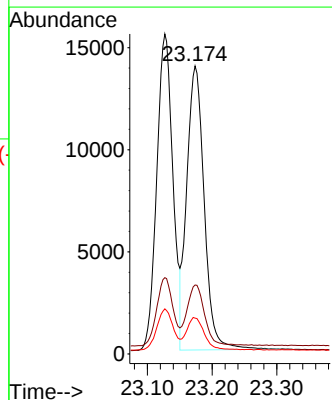
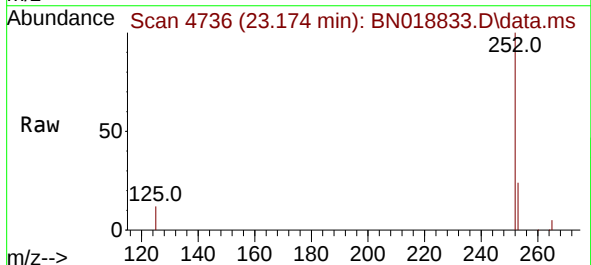
Instrument :
BNA_N
ClientSampleId :
H0AB1MS

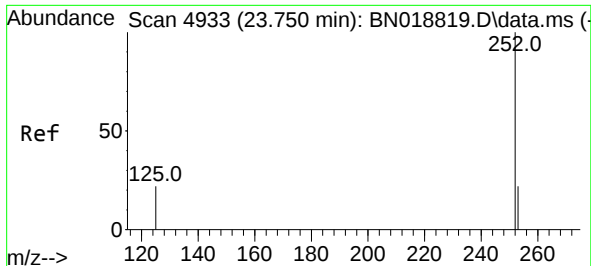
Tgt Ion:252 Resp: 26910
Ion Ratio Lower Upper
252 100
253 23.9 0.0 46.4
125 14.1 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.404 ng/ul
RT: 23.174 min Scan# 4736
Delta R.T. -0.008 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

Tgt Ion:252 Resp: 26030
Ion Ratio Lower Upper
252 100
253 23.9 18.6 28.0
125 12.4 7.3 10.9#

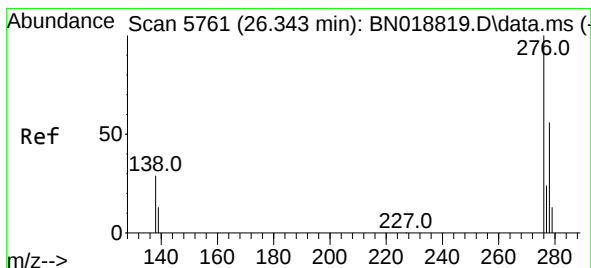
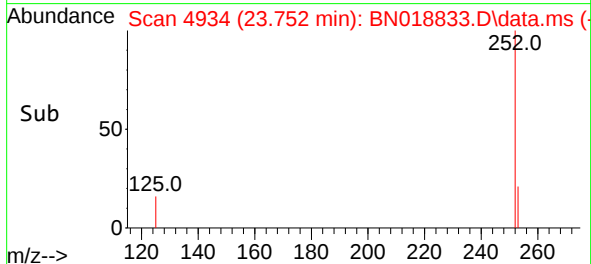
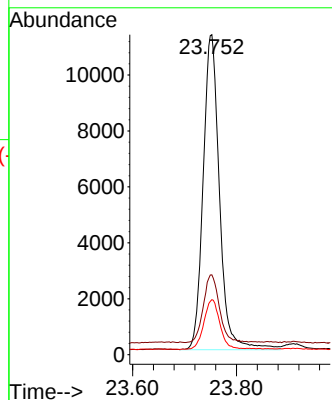
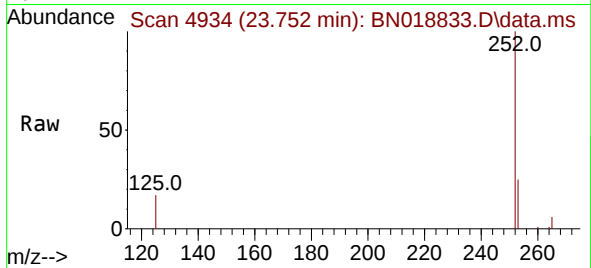




#26
Benzo(a)pyrene
Concen: 0.431 ng/ul
RT: 23.752 min Scan# 4933
Delta R.T. -0.008 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

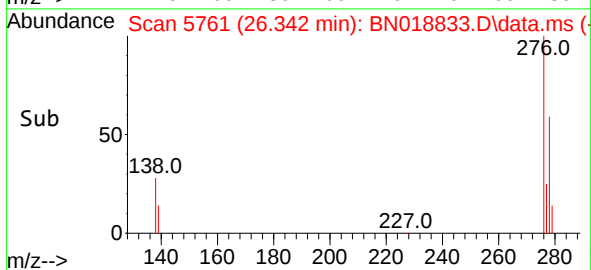
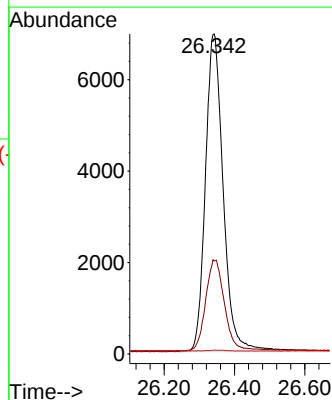
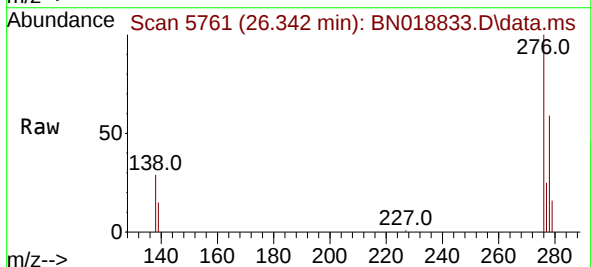
Instrument :
BNA_N
ClientSampleId :
H0AB1MS

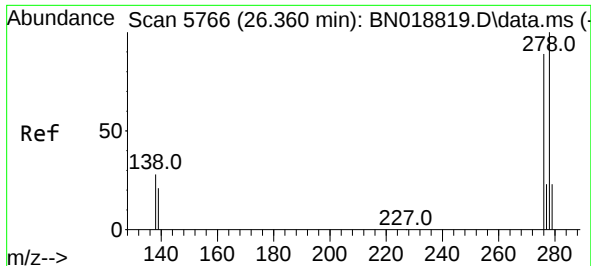
Tgt Ion:252 Resp: 24589
Ion Ratio Lower Upper
252 100
253 24.9 18.9 28.3
125 17.2 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng/ul
RT: 26.342 min Scan# 5761
Delta R.T. -0.016 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

Tgt Ion:276 Resp: 24399
Ion Ratio Lower Upper
276 100
138 30.5 16.5 24.7#
227 0.3 0.1 0.1#

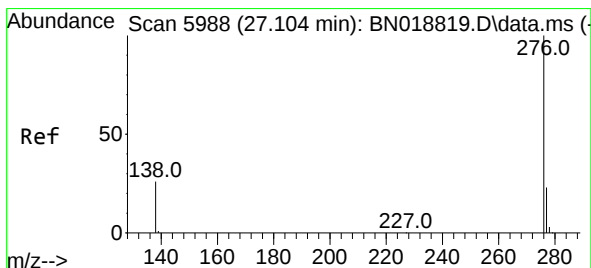
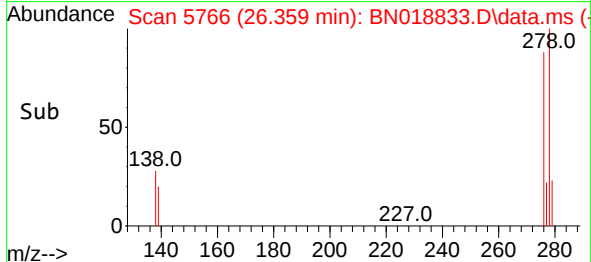
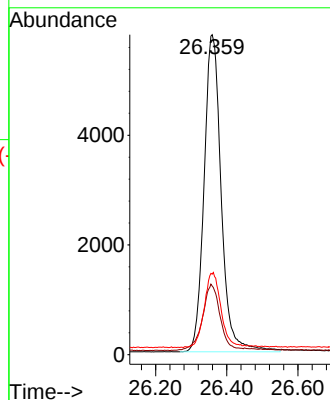
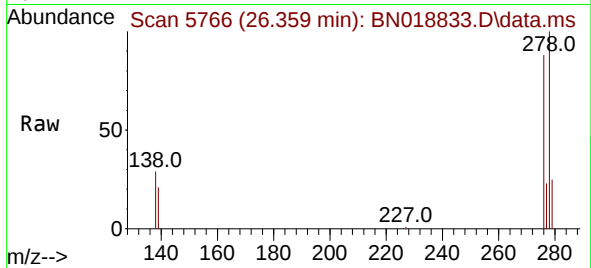




#28
Dibenzo(a,h)anthracene
Concen: 0.340 ng/ul
RT: 26.359 min Scan# 51
Delta R.T. -0.016 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

Instrument :
BNA_N
ClientSampleId :
H0AB1MS

Tgt Ion: 278 Resp: 19356
Ion Ratio Lower Upper
278 100
139 21.4 11.9 17.9#
279 25.2 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.336 ng/ul
RT: 27.103 min Scan# 5988
Delta R.T. -0.019 min
Lab File: BN018833.D
Acq: 03 Mar 2022 19:28

Tgt Ion: 276 Resp: 20885
Ion Ratio Lower Upper
276 100
138 26.1 14.4 21.6#
277 24.5 19.2 28.8

