

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022822\
 Data File : BN018776.D
 Acq On : 01 Mar 2022 01:12
 Operator : CG/JU
 Sample : PB142931BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS931

Quant Time: Mar 01 01:42:11 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)

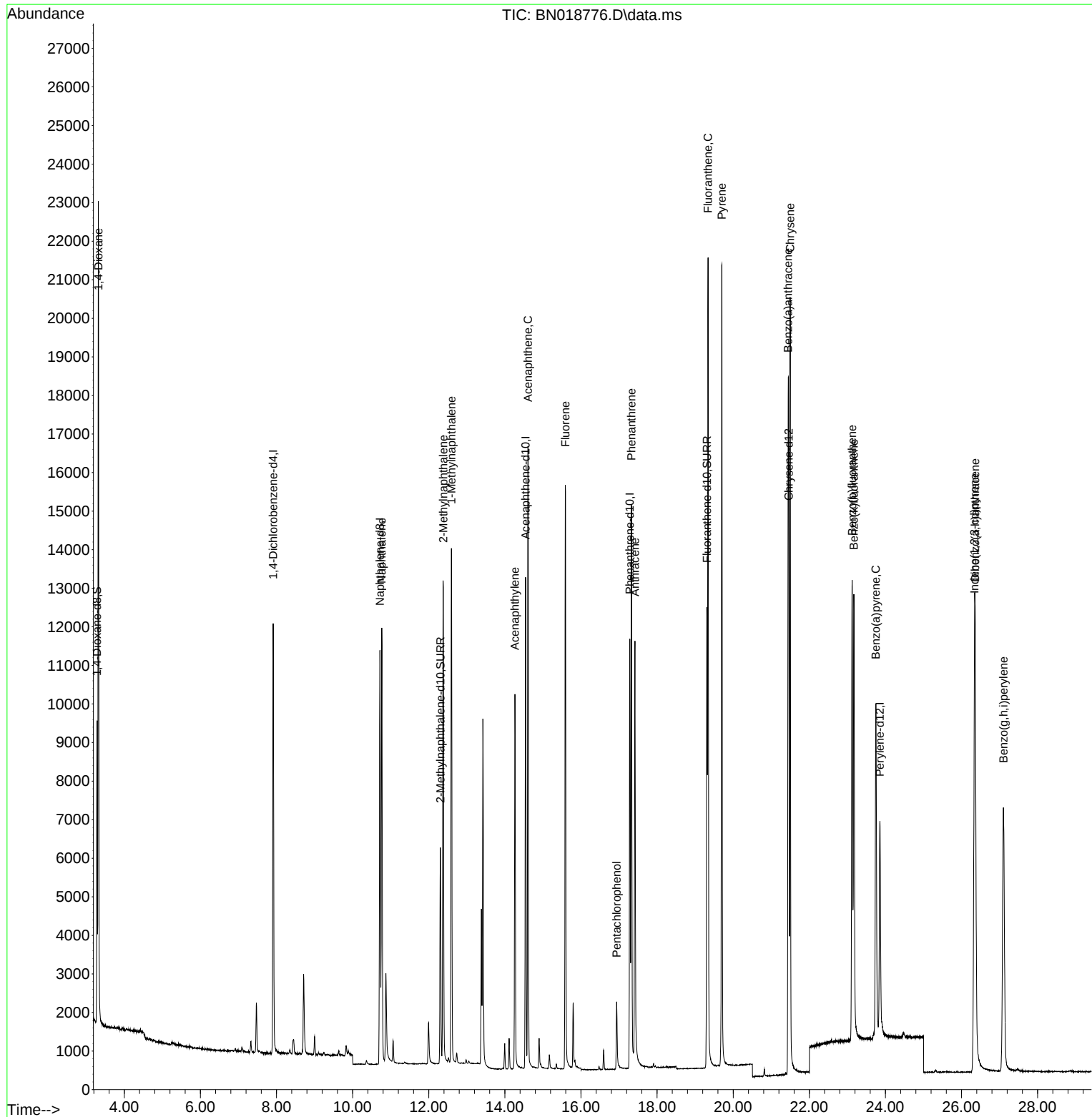
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	5884	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	14743	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	7094	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.283	188	13322	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.462	240	9983	0.400	ng/ul	# 0.00
23) Perylene-d12	23.856	264	8043	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	4774	0.714	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.304	152	7432	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.308	212	13450	0.451	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.318	88	12608	1.841	ng/ul#	70
5) Naphthalene	10.765	128	15407	0.369	ng/ul	99
7) 2-Methylnaphthalene	12.381	142	9208	0.342	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	9224	0.344	ng/ul	99
10) Acenaphthylene	14.265	152	11270	0.352	ng/ul	99
11) Acenaphthene	14.607	153	9198	0.359	ng/ul	99
12) Fluorene	15.593	166	10047	0.365	ng/ul	99
14) Pentachlorophenol	16.937	266	1389	0.511	ng/ul	100
15) Phenanthrene	17.326	178	16375	0.374	ng/ul	99
16) Anthracene	17.419	178	13136	0.336	ng/ul	99
19) Fluoranthene	19.340	202	18313	0.437	ng/ul#	94
20) Pyrene	19.703	202	18484	0.427	ng/ul#	94
21) Benzo(a)anthracene	21.444	228	14425	0.373	ng/ul	100
22) Chrysene	21.497	228	18122	0.450	ng/ul	99
24) Benzo(b)fluoranthene	23.125	252	16442	0.460	ng/ul	94
25) Benzo(k)fluoranthene	23.171	252	16452	0.461	ng/ul#	95
26) Benzo(a)pyrene	23.750	252	14480	0.459	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.339	276	17452	0.435	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.360	278	13859	0.439	ng/ul#	92
29) Benzo(g,h,i)perylene	27.101	276	15786	0.459	ng/ul#	90

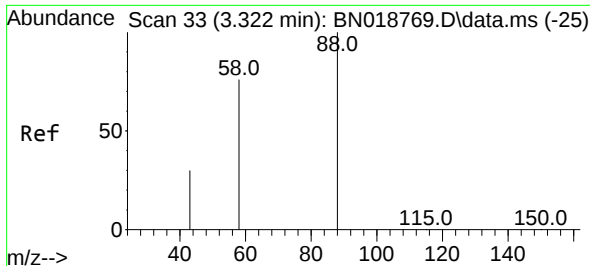
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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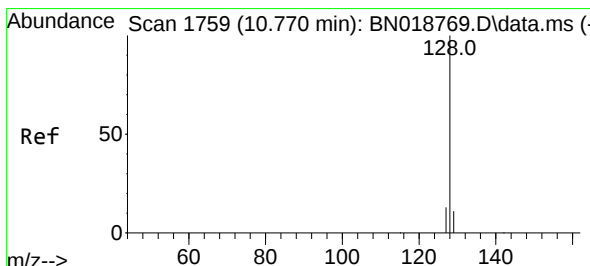
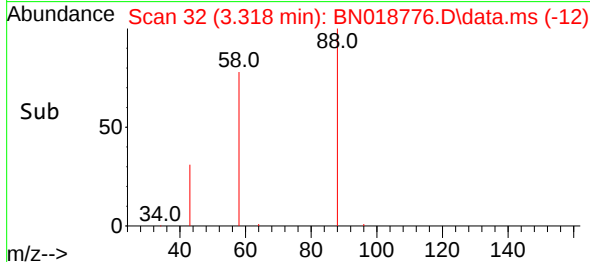
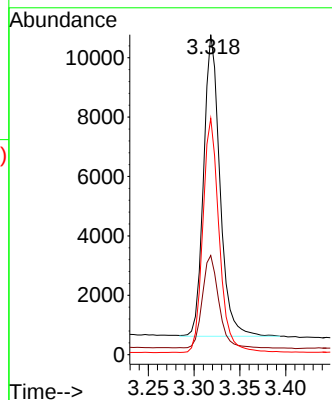
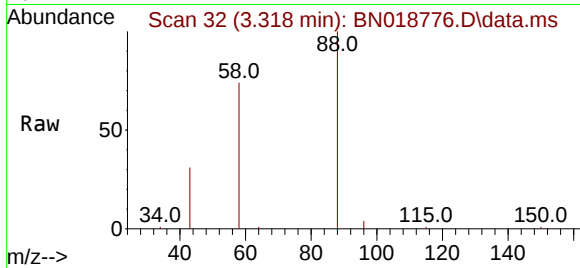




#2
1,4-Dioxane
Concen: 1.841 ng/ul
RT: 3.318 min Scan# 31
Delta R.T. -0.016 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

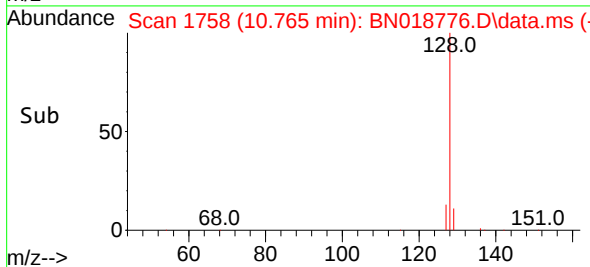
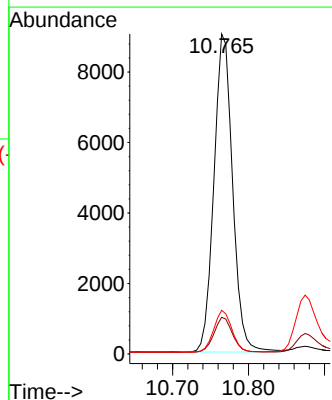
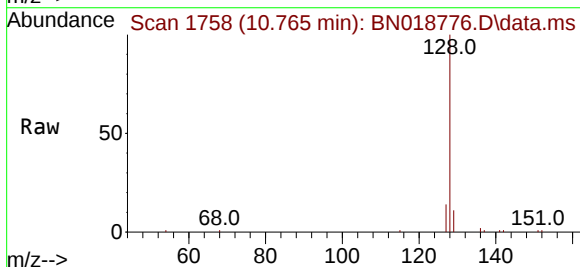
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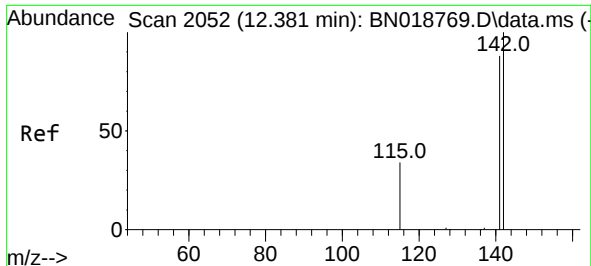
Tgt Ion: 88 Resp: 12608
Ion Ratio Lower Upper
88 100
43 31.0 47.8 71.8#
58 73.8 46.2 69.2#



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.765 min Scan# 1758
Delta R.T. -0.009 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

Tgt Ion:128 Resp: 15407
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.6 11.0 16.6

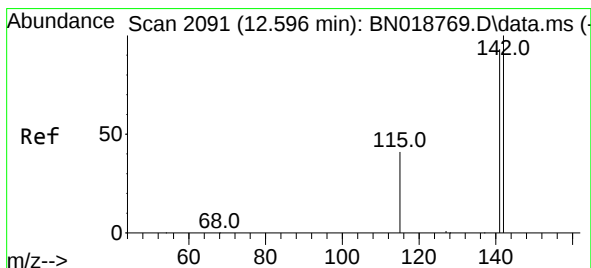
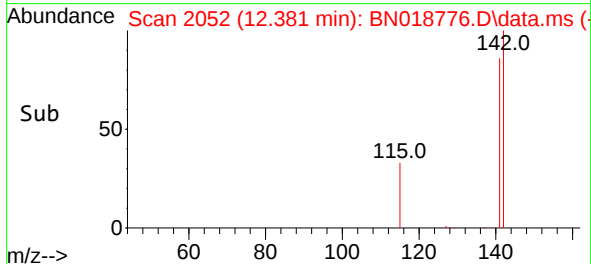
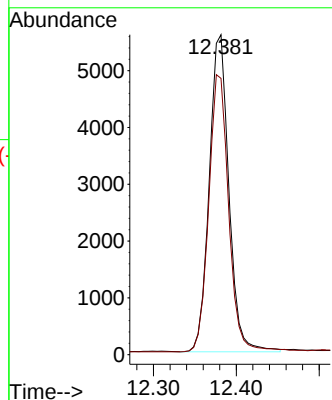
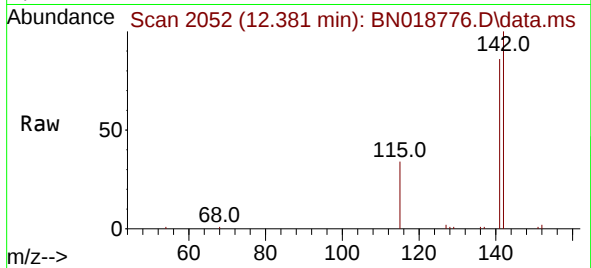




#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.381 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

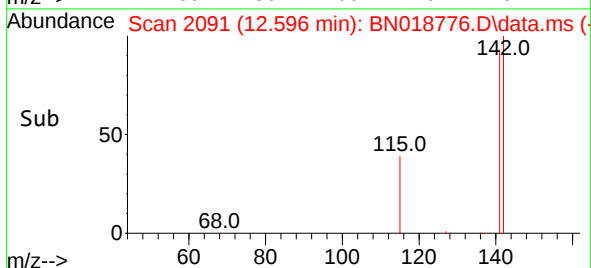
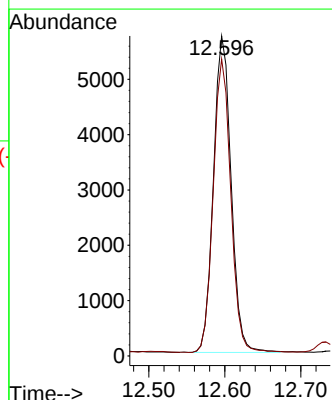
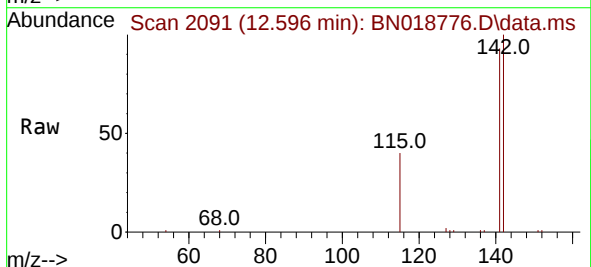
Instrument :
BNA_N
ClientSampleId :
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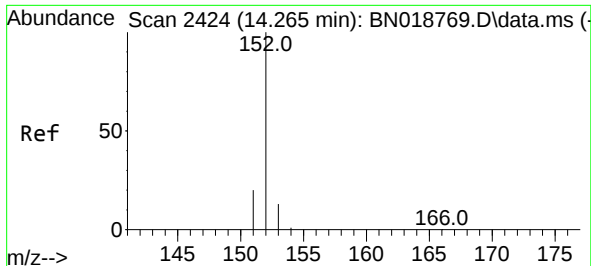
Tgt Ion:142 Resp: 9208
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.596 min Scan# 2091
Delta R.T. -0.009 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

Tgt Ion:142 Resp: 9224
Ion Ratio Lower Upper
142 100
141 92.1 73.2 109.8

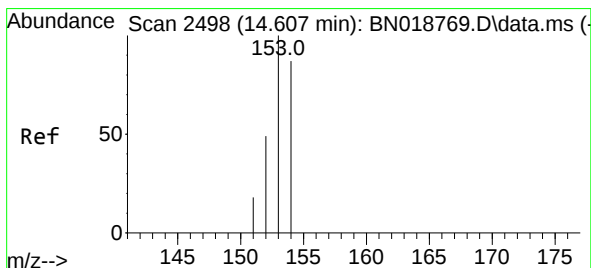
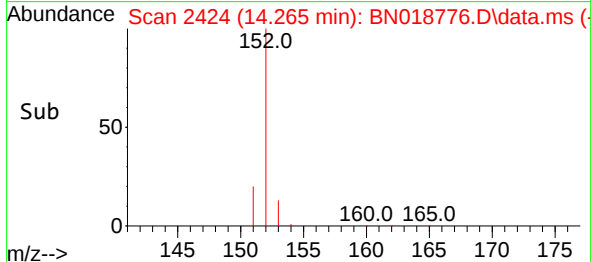
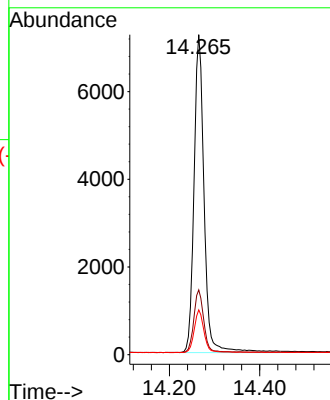
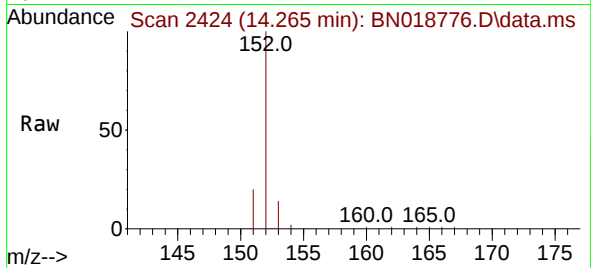




#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 14.265 min Scan# 2424
Delta R.T. -0.004 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

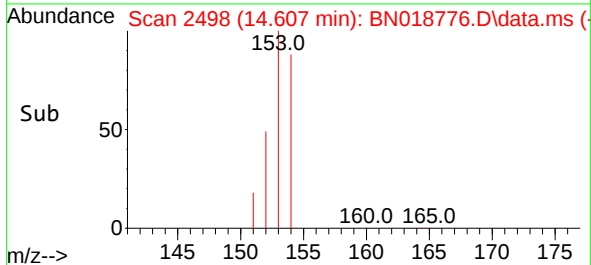
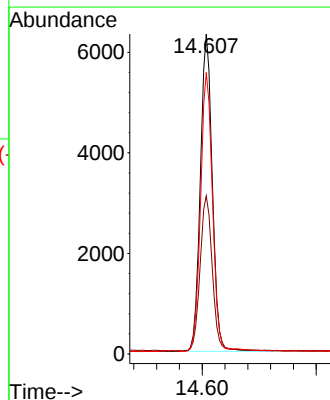
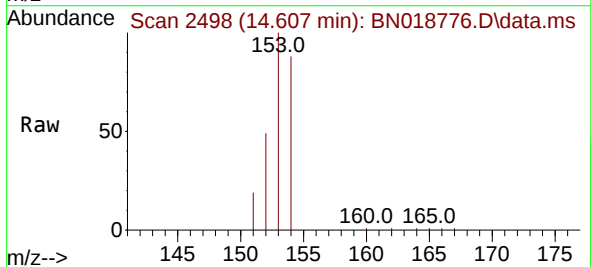
Instrument :
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ClientSampleId :
SLCS931

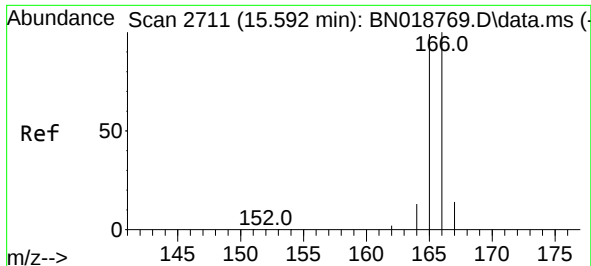
Tgt Ion:152 Resp: 11270
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 14.0 10.7 16.1



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.607 min Scan# 2498
Delta R.T. -0.004 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

Tgt Ion:153 Resp: 9198
Ion Ratio Lower Upper
153 100
152 49.4 39.7 59.5
154 87.9 70.9 106.3

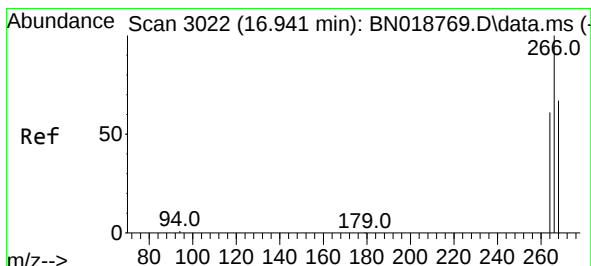
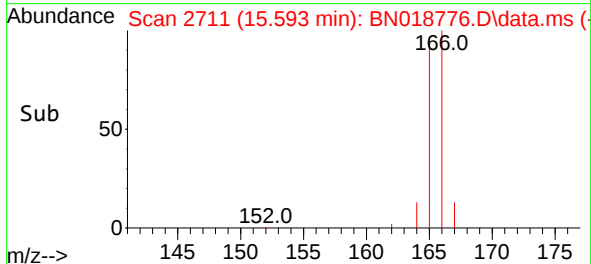
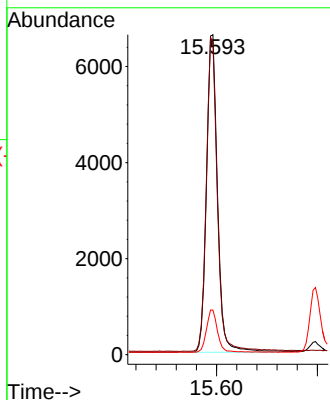
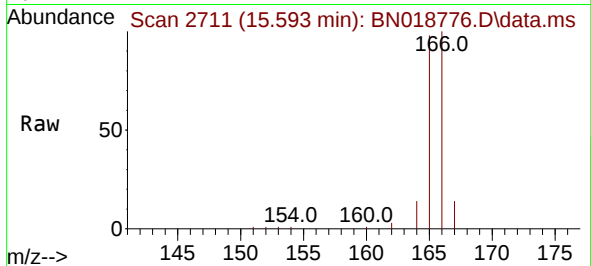




#12
Fluorene
Concen: 0.365 ng/ul
RT: 15.593 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

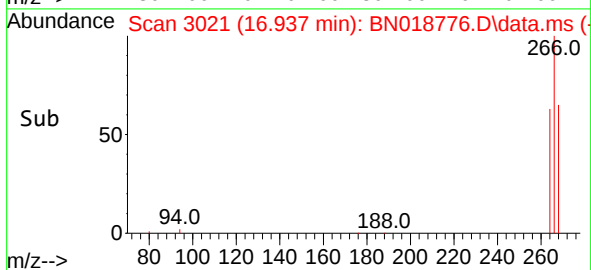
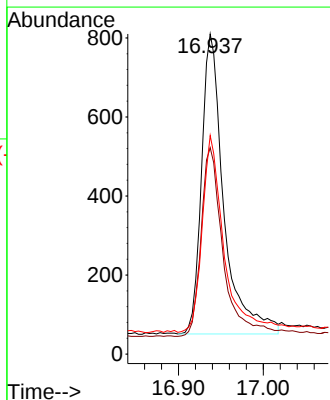
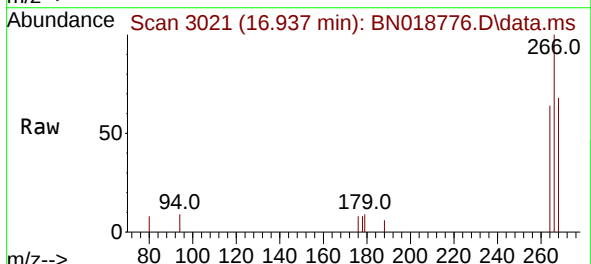
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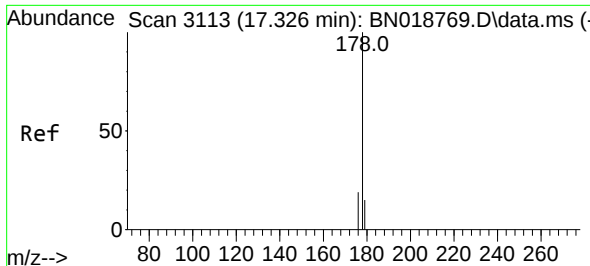
Tgt Ion:166 Resp: 10047
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.6
167 13.9 11.6 17.4



#14
Pentachlorophenol
Concen: 0.511 ng/ul
RT: 16.937 min Scan# 3021
Delta R.T. -0.003 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

Tgt Ion:266 Resp: 1389
Ion Ratio Lower Upper
266 100
264 62.3 49.9 74.9
268 64.3 51.7 77.5

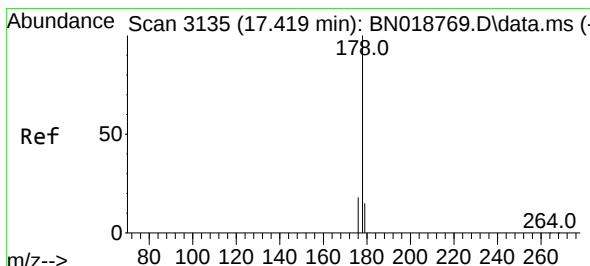
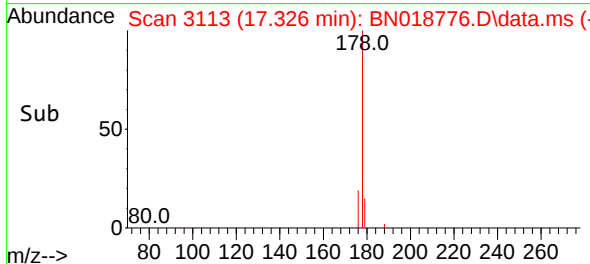
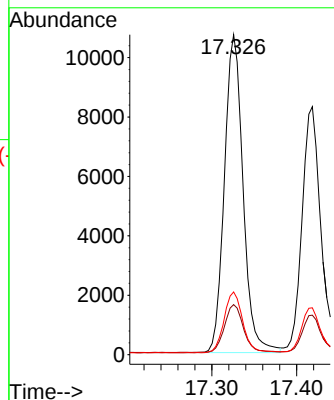
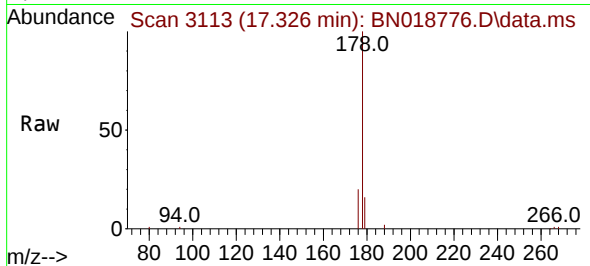




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.326 min Scan# 3113
Delta R.T. -0.003 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

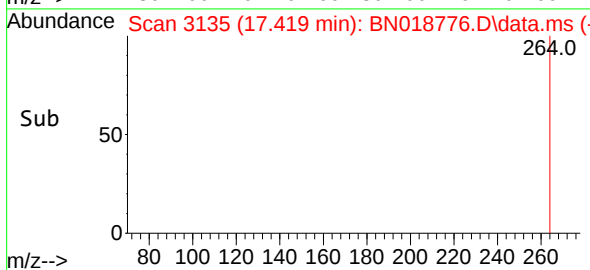
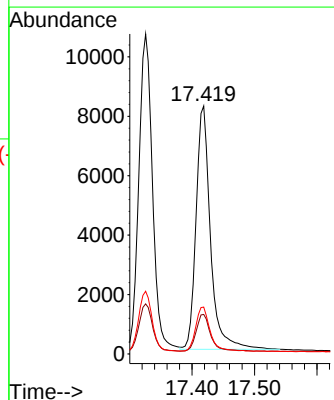
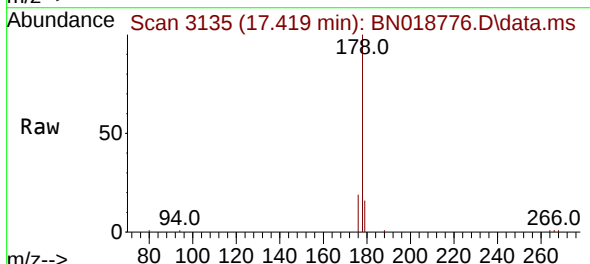
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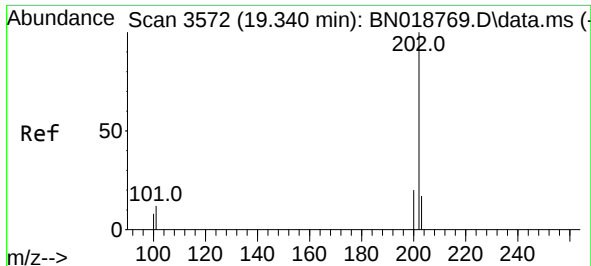
Tgt Ion:178 Resp: 16375
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.6 15.4 23.2



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.419 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

Tgt Ion:178 Resp: 13136
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 18.9 15.5 23.3

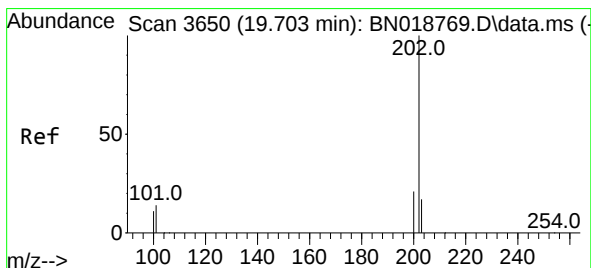
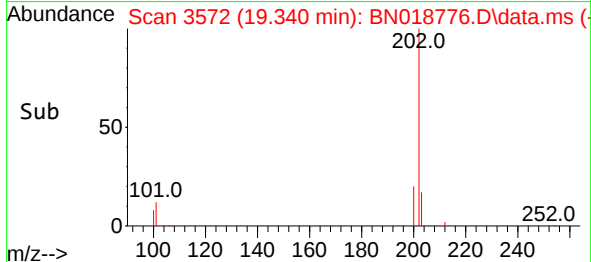
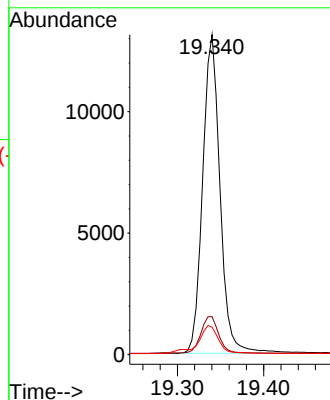
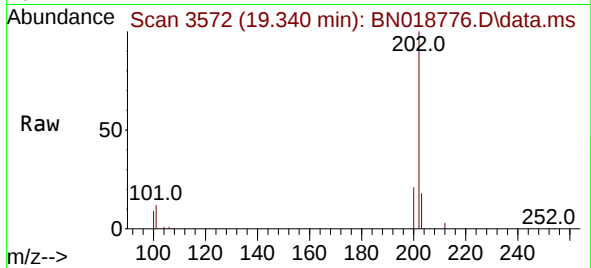




#19
Fluoranthene
Concen: 0.437 ng/ul
RT: 19.340 min Scan# 3572
Delta R.T. -0.003 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

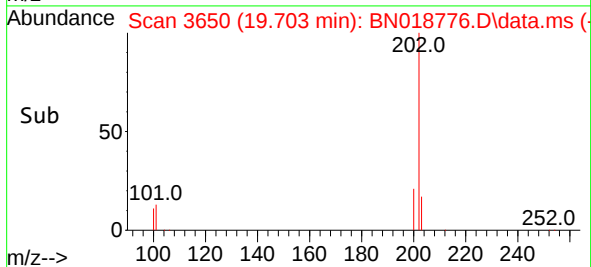
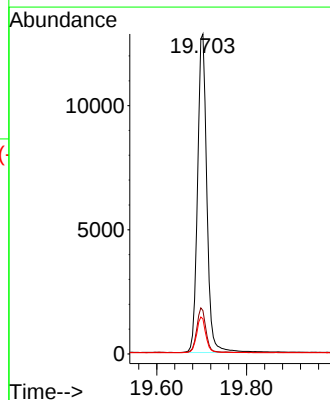
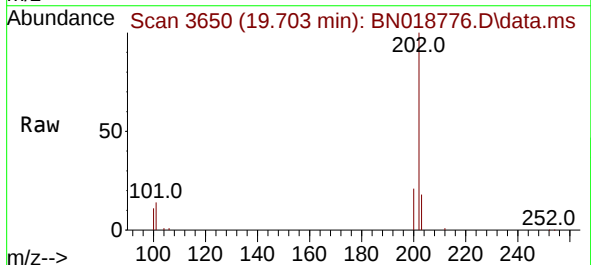
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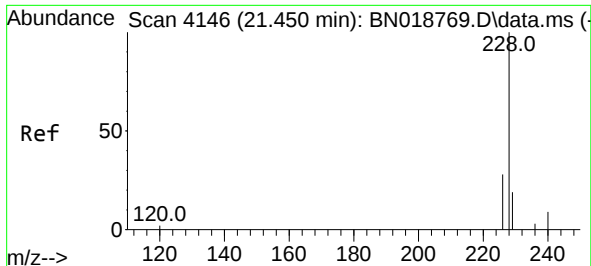
Tgt Ion:202 Resp: 18313
Ion Ratio Lower Upper
202 100
101 11.9 7.5 11.3#
100 8.6 5.4 8.2#



#20
Pyrene
Concen: 0.427 ng/ul
RT: 19.703 min Scan# 3650
Delta R.T. -0.003 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

Tgt Ion:202 Resp: 18484
Ion Ratio Lower Upper
202 100
101 13.6 9.0 13.4#
100 10.9 7.0 10.4#

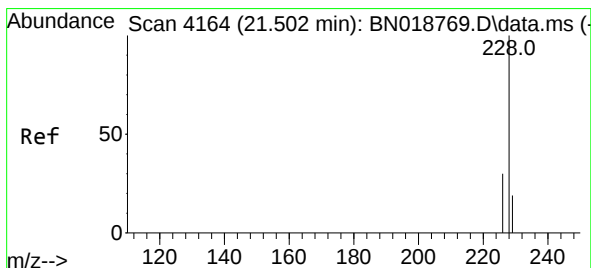
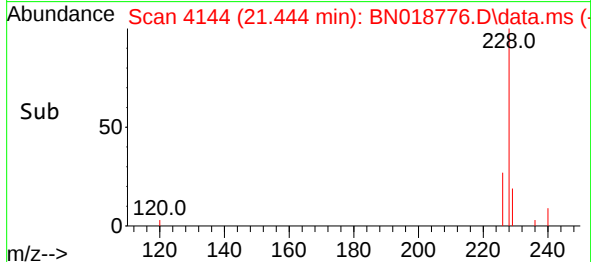
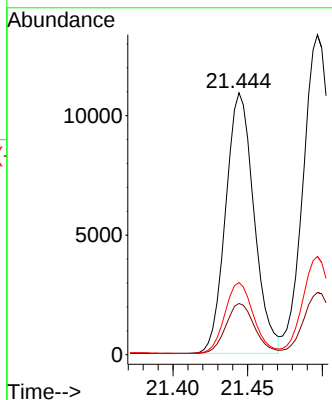
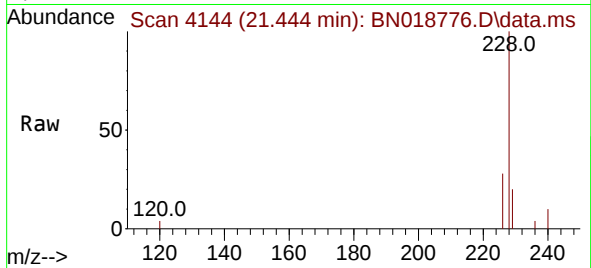




#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.444 min Scan# 4146
Delta R.T. -0.007 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

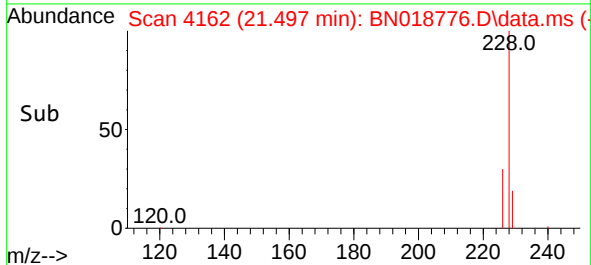
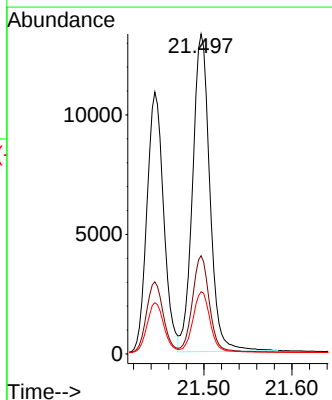
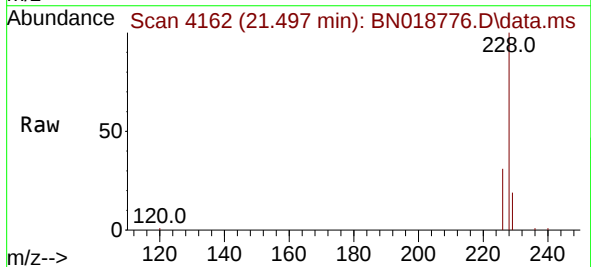
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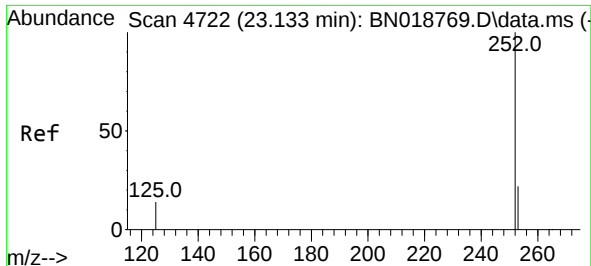
Tgt Ion:228 Resp: 14425
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.450 ng/ul
RT: 21.497 min Scan# 4162
Delta R.T. -0.008 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

Tgt Ion:228 Resp: 18122
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 19.5 15.7 23.5

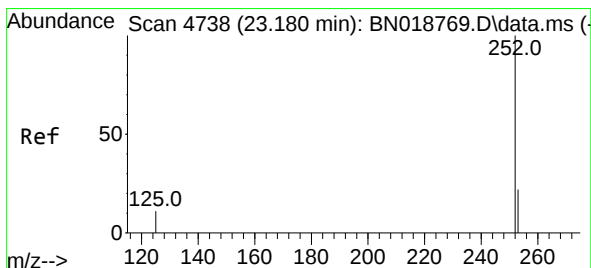
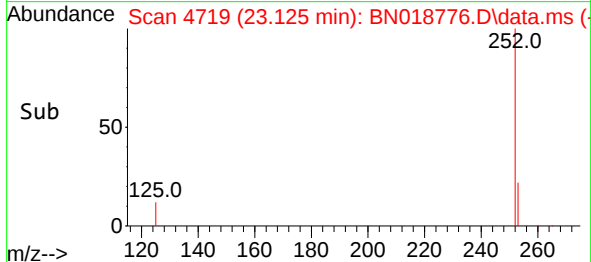
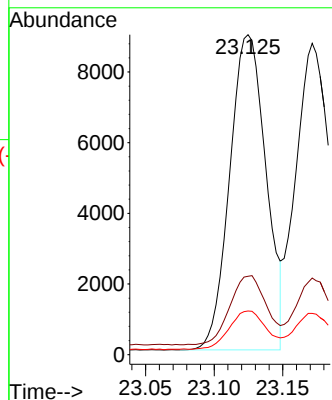
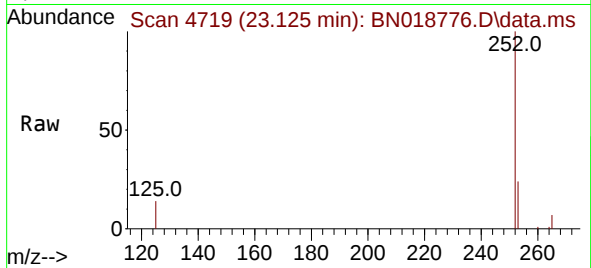




#24
Benzo(b)fluoranthene
Concen: 0.460 ng/ul
RT: 23.125 min Scan# 4719
Delta R.T. -0.010 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

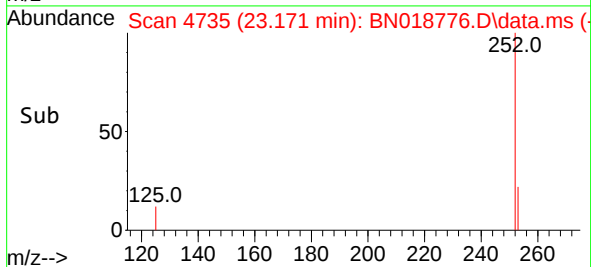
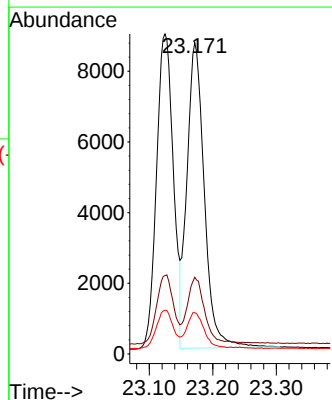
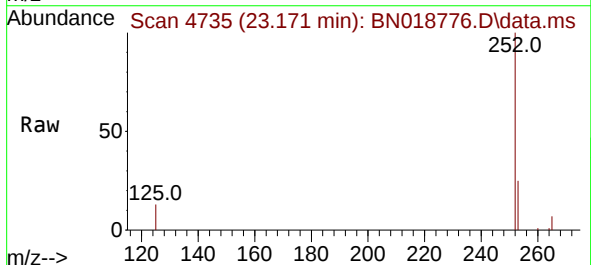
Instrument :
BNA_N
ClientSampleId :
SLCS931

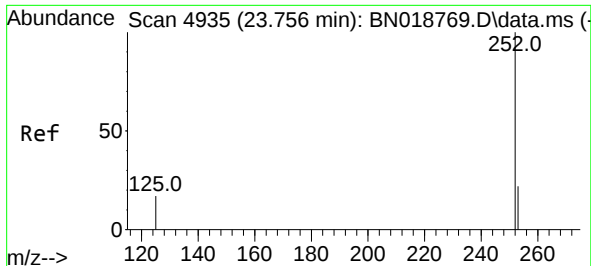
Tgt Ion:252 Resp: 16442
Ion Ratio Lower Upper
252 100
253 24.5 0.0 46.4
125 13.7 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.461 ng/ul
RT: 23.171 min Scan# 4735
Delta R.T. -0.010 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

Tgt Ion:252 Resp: 16452
Ion Ratio Lower Upper
252 100
253 24.6 18.6 28.0
125 13.3 7.3 10.9#

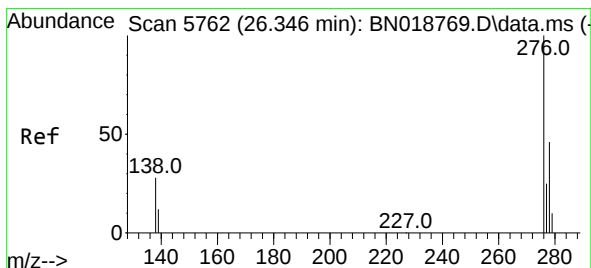
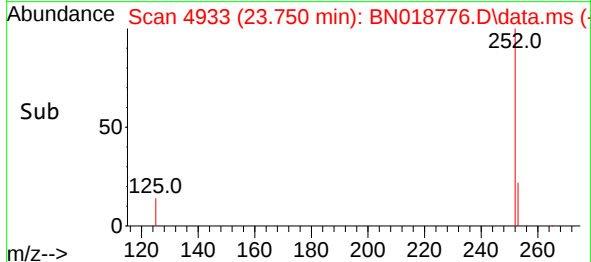
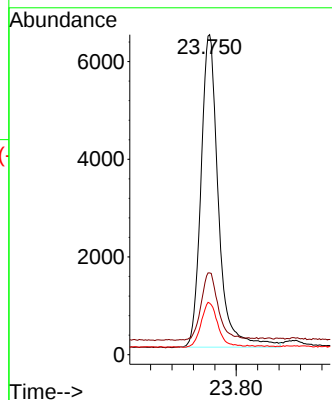
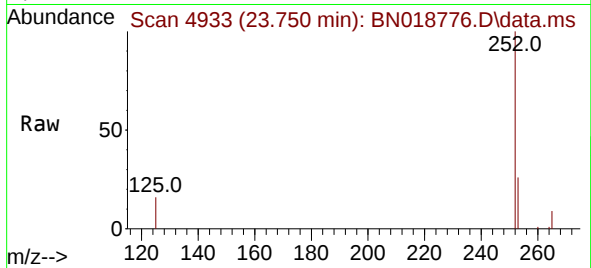




#26
Benzo(a)pyrene
Concen: 0.459 ng/ul
RT: 23.750 min Scan# 4935
Delta R.T. -0.010 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

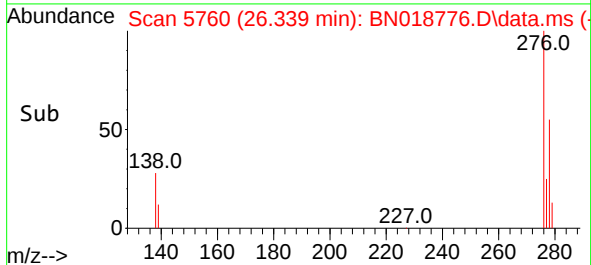
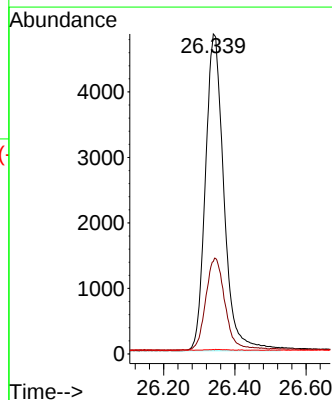
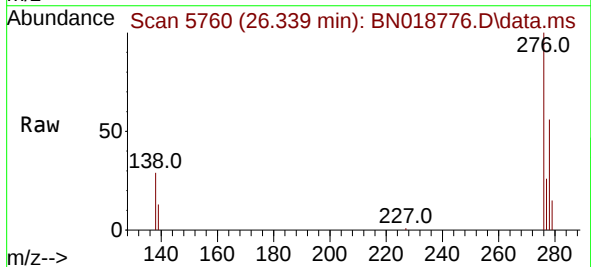
Instrument :
BNA_N
ClientSampleId :
SLCS931

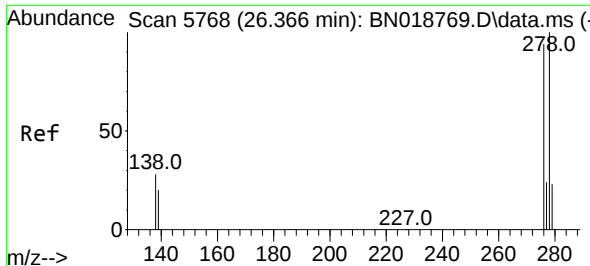
Tgt Ion:252 Resp: 14480
Ion Ratio Lower Upper
252 100
253 25.5 18.9 28.3
125 16.1 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.339 min Scan# 5760
Delta R.T. -0.018 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

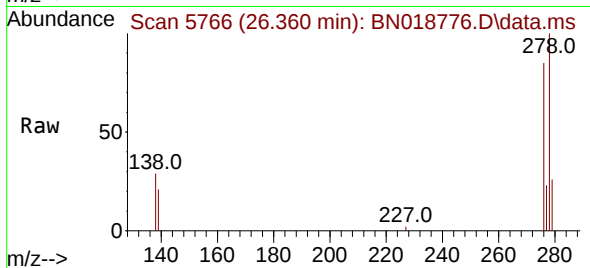
Tgt Ion:276 Resp: 17452
Ion Ratio Lower Upper
276 100
138 30.3 16.5 24.7#
227 0.0 0.1 0.1#



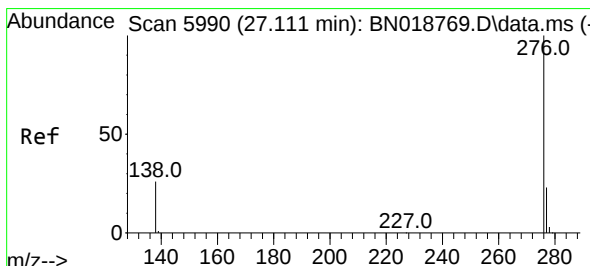
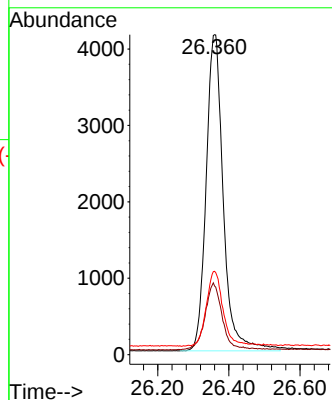
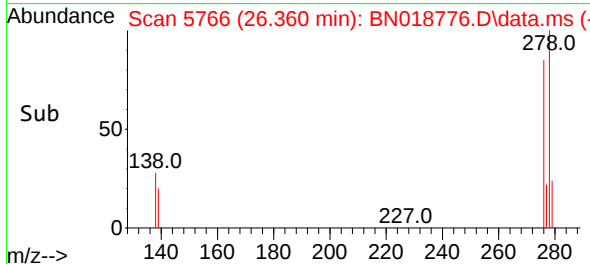


#28
Dibenzo(a,h)anthracene
Concen: 0.439 ng/ul
RT: 26.360 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

Instrument :
BNA_N
ClientSampleId :
SLCS931



Tgt Ion:278 Resp: 13859
Ion Ratio Lower Upper
278 100
139 21.5 11.9 17.9#
279 26.1 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.459 ng/ul
RT: 27.101 min Scan# 5987
Delta R.T. -0.022 min
Lab File: BN018776.D
Acq: 01 Mar 2022 01:12

Tgt Ion:276 Resp: 15786
Ion Ratio Lower Upper
276 100
138 26.8 14.4 21.6#
277 25.2 19.2 28.8

