

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030422\
 Data File : BN018835.D
 Acq On : 03 Mar 2022 20:39
 Operator : CG/JU
 Sample : PB143053BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS053

Quant Time: Mar 04 01:47:40 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

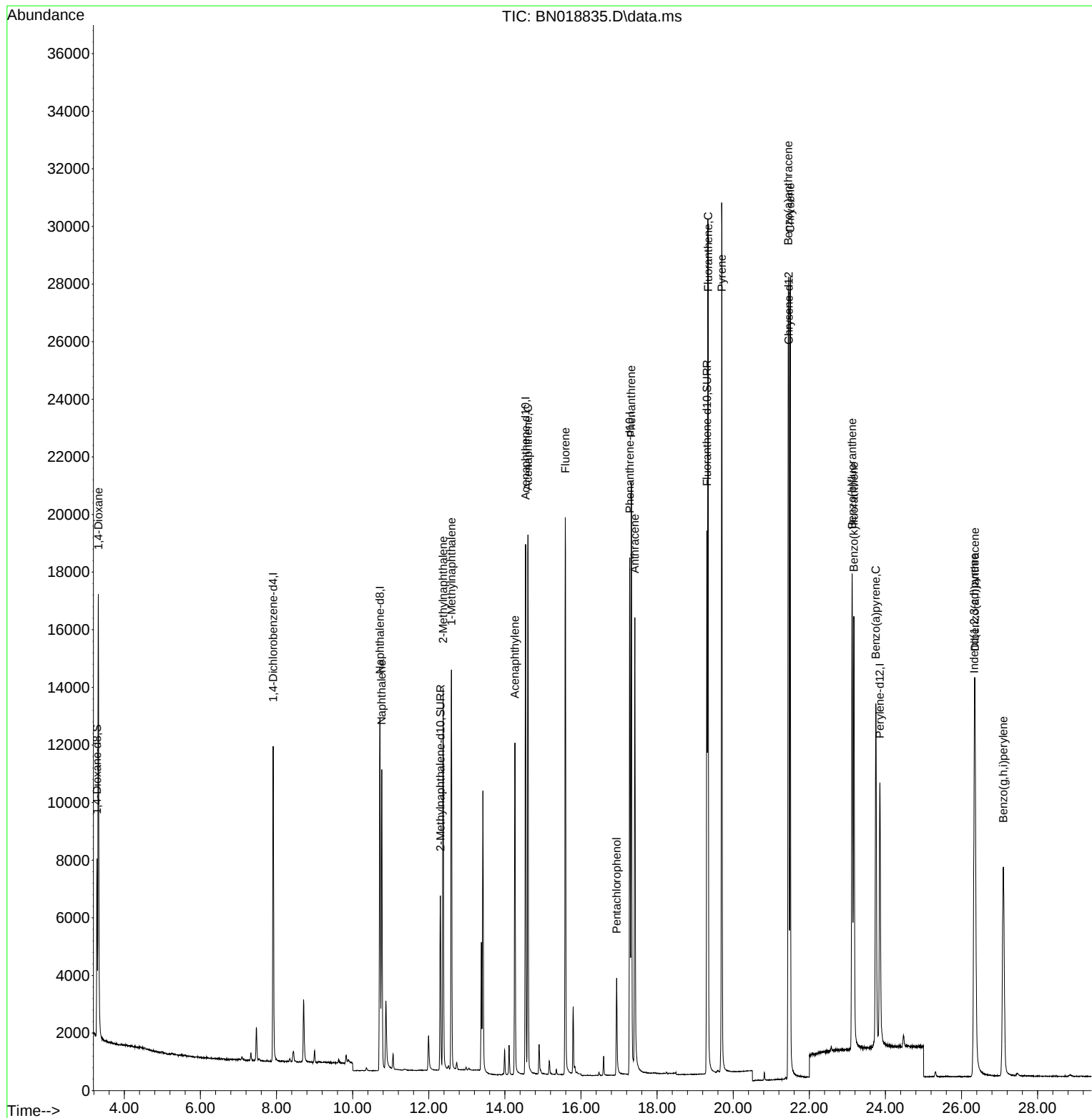
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	5927	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	16560	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.542	164	9968	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.283	188	21457	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.462	240	17143	0.400	ng/ul	# 0.00
23) Perylene-d12	23.856	264	13170	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	4203	0.624	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.304	152	7956	0.351	ng/ul	0.00
18) Fluoranthene-d10	19.308	212	19893	0.389	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.318	88	10522	1.525	ng/ul#	72
5) Naphthalene	10.765	128	14435	0.308	ng/ul	100
7) 2-Methylnaphthalene	12.376	142	9501	0.314	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	9607	0.319	ng/ul	100
10) Acenaphthylene	14.265	152	13535	0.301	ng/ul	99
11) Acenaphthene	14.607	153	10861	0.302	ng/ul	100
12) Fluorene	15.588	166	12509	0.323	ng/ul	98
14) Pentachlorophenol	16.937	266	2556	0.584	ng/ul	99
15) Phenanthrene	17.321	178	22015	0.312	ng/ul	99
16) Anthracene	17.414	178	18222	0.289	ng/ul	100
19) Fluoranthene	19.340	202	25841	0.359	ng/ul#	95
20) Pyrene	19.698	202	26024	0.350	ng/ul#	90
21) Benzo(a)anthracene	21.447	228	20483	0.308	ng/ul	99
22) Chrysene	21.497	228	24173	0.349	ng/ul	100
24) Benzo(b)fluoranthene	23.125	252	21747	0.371	ng/ul	94
25) Benzo(k)fluoranthene	23.171	252	21424	0.366	ng/ul#	95
26) Benzo(a)pyrene	23.747	252	19136	0.370	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.336	276	19440	0.296	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.353	278	15376	0.298	ng/ul#	92
29) Benzo(g,h,i)perylene	27.097	276	16738	0.297	ng/ul#	90

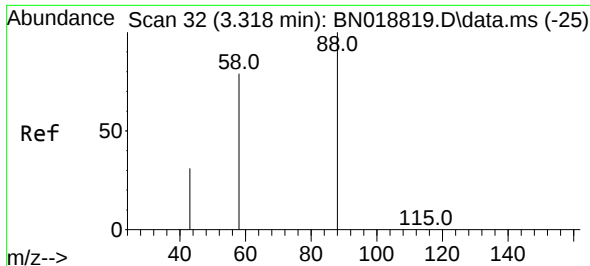
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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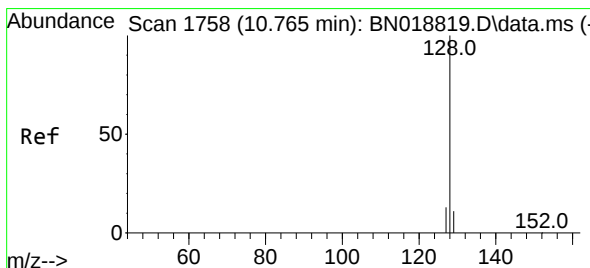
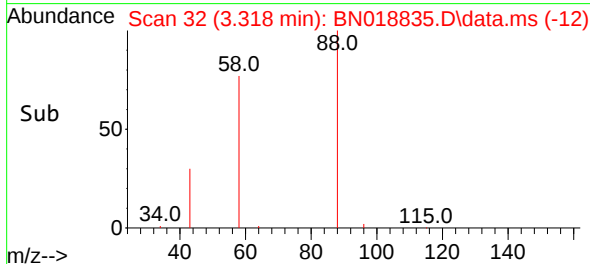
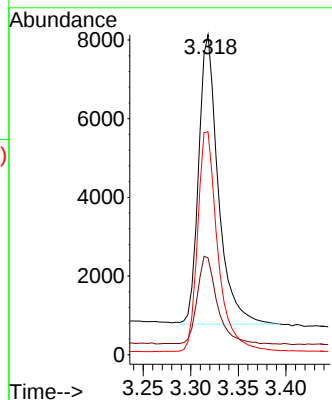
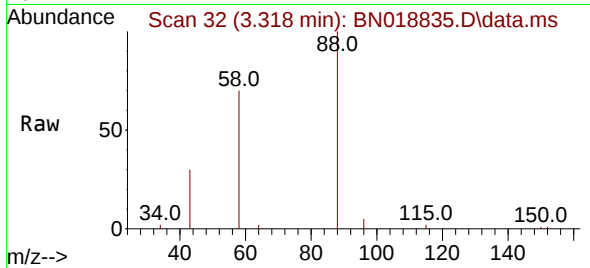




#2
 1,4-Dioxane
 Concen: 1.525 ng/ul
 RT: 3.318 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: BN018835.D
 Acq: 03 Mar 2022 20:39

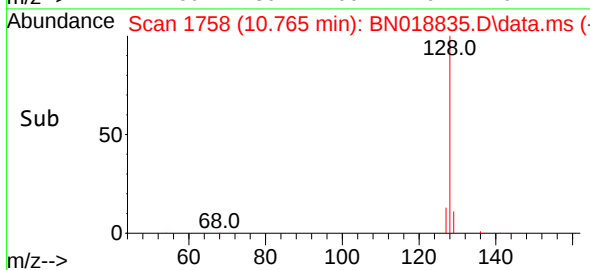
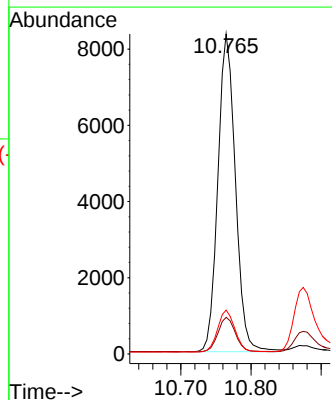
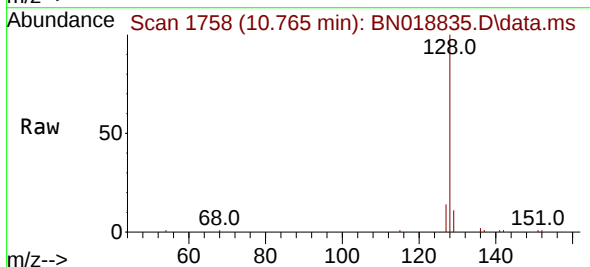
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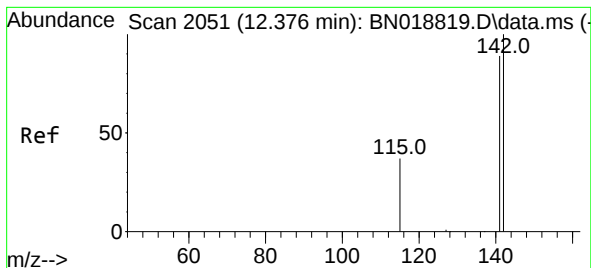
Tgt Ion: 88 Resp: 10522
 Ion Ratio Lower Upper
 88 100
 43 30.2 47.8 71.8#
 58 69.6 46.2 69.2#



#5
 Naphthalene
 Concen: 0.308 ng/ul
 RT: 10.765 min Scan# 1758
 Delta R.T. -0.009 min
 Lab File: BN018835.D
 Acq: 03 Mar 2022 20:39

Tgt Ion:128 Resp: 14435
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.4 14.0
 127 13.7 11.0 16.6

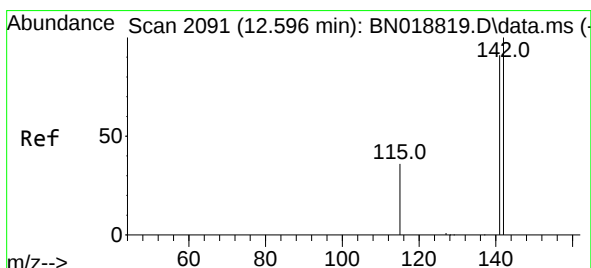
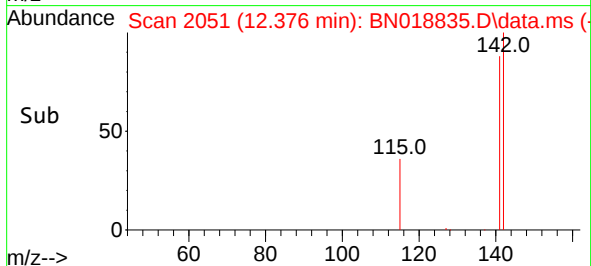
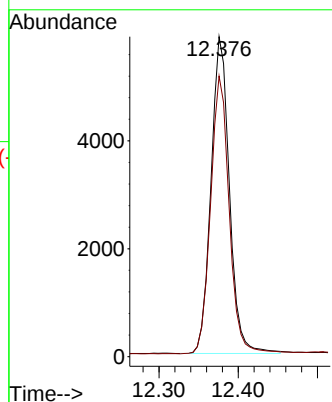
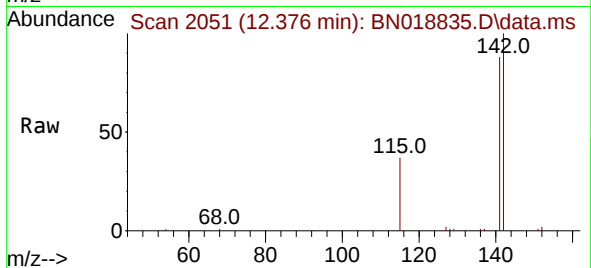




#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.376 min Scan# 2051
Delta R.T. -0.009 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

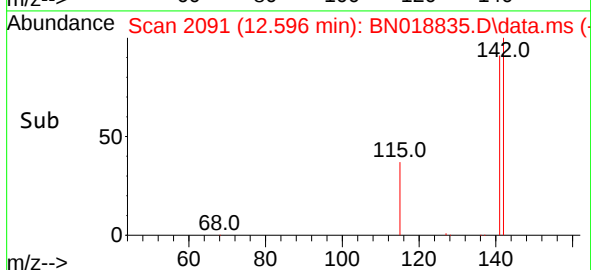
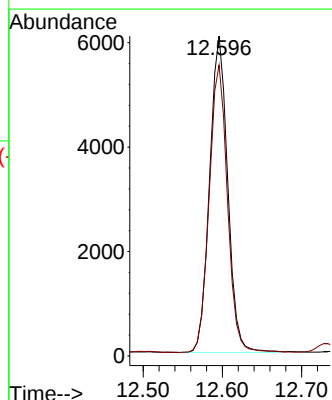
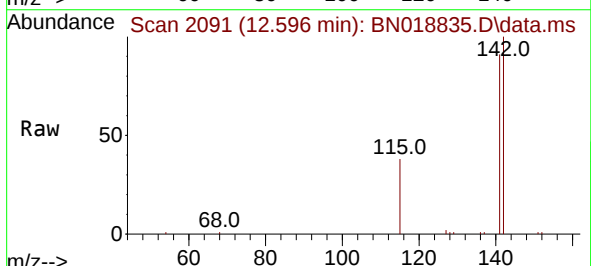
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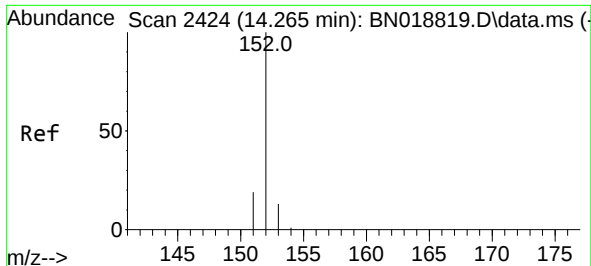
Tgt Ion:142 Resp: 9501
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.596 min Scan# 2091
Delta R.T. -0.009 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

Tgt Ion:142 Resp: 9607
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8

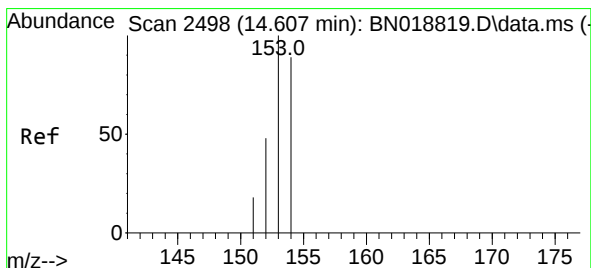
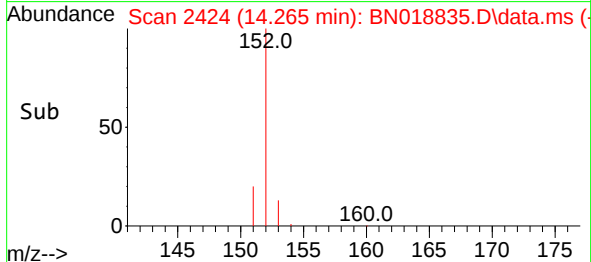
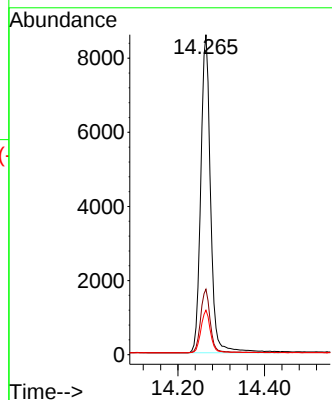
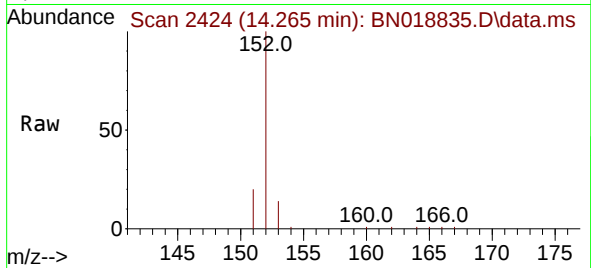




#10
Acenaphthylene
Concen: 0.301 ng/ul
RT: 14.265 min Scan# 2424
Delta R.T. -0.004 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

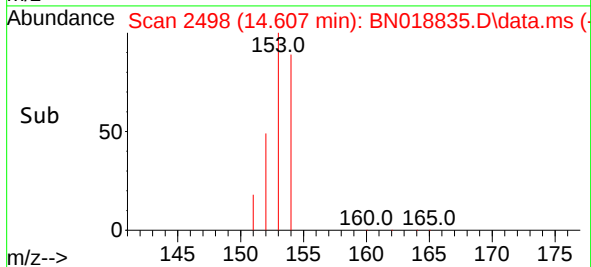
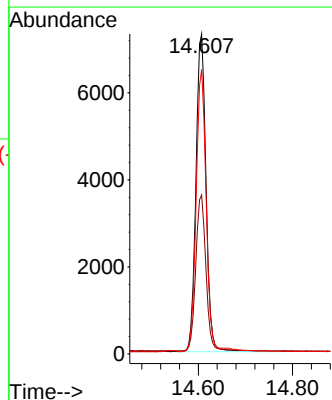
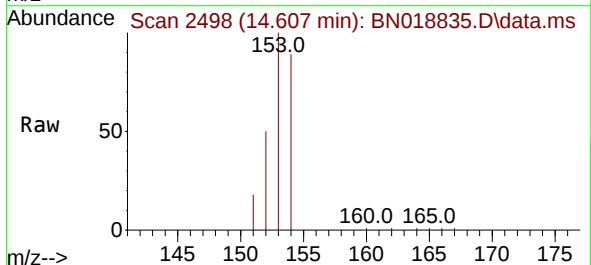
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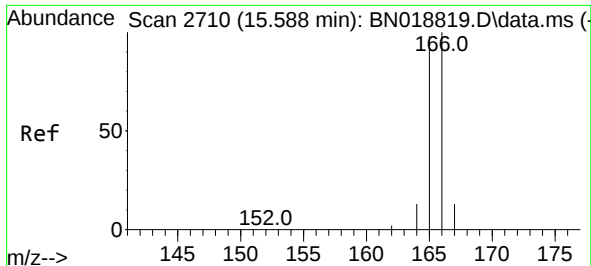
Tgt Ion:152 Resp: 13535
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 13.9 10.7 16.1



#11
Acenaphthene
Concen: 0.302 ng/ul
RT: 14.607 min Scan# 2498
Delta R.T. -0.004 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

Tgt Ion:153 Resp: 10861
Ion Ratio Lower Upper
153 100
152 49.7 39.7 59.5
154 88.9 70.9 106.3

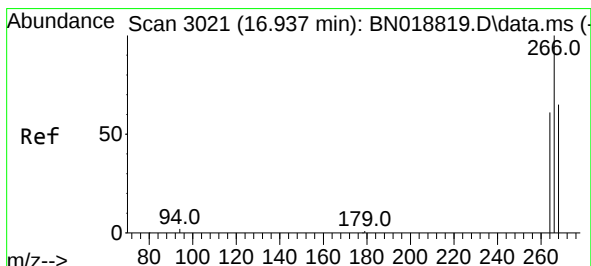
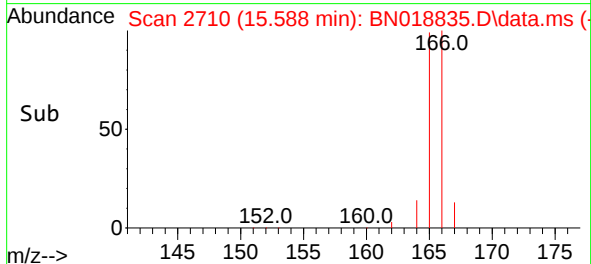
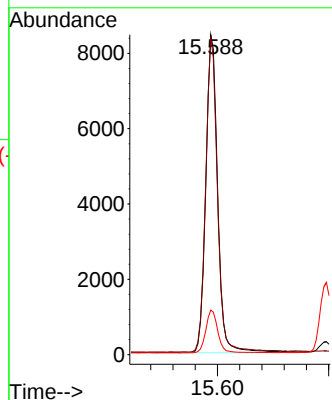
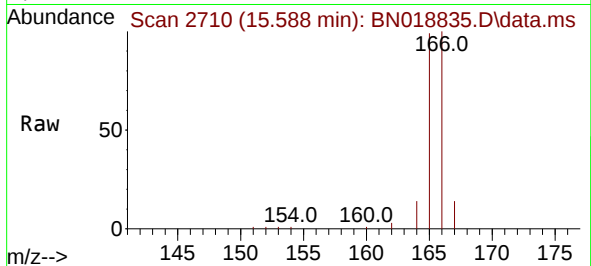




#12
Fluorene
Concen: 0.323 ng/ul
RT: 15.588 min Scan# 2710
Delta R.T. -0.008 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

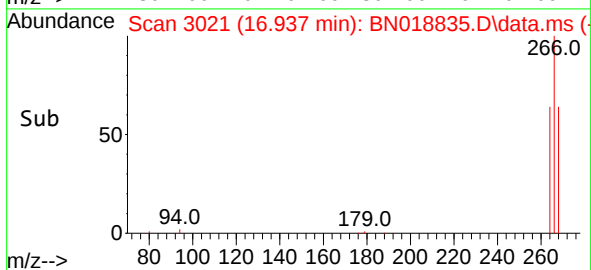
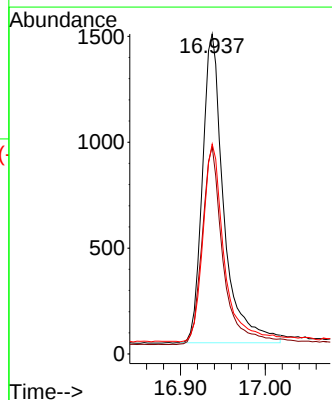
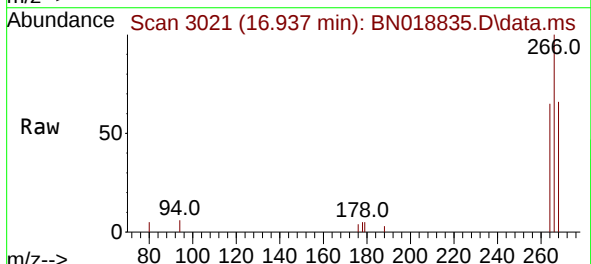
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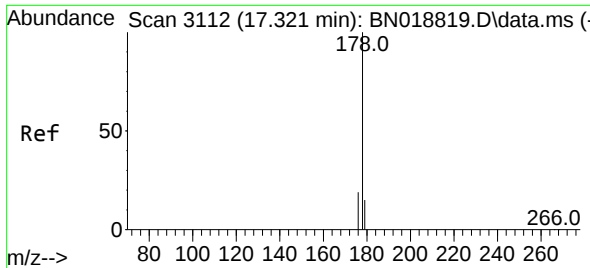
Tgt Ion:166 Resp: 12509
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.6
167 14.0 11.6 17.4



#14
Pentachlorophenol
Concen: 0.584 ng/ul
RT: 16.937 min Scan# 3021
Delta R.T. -0.003 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

Tgt Ion:266 Resp: 2556
Ion Ratio Lower Upper
266 100
264 62.6 49.9 74.9
268 63.3 51.7 77.5

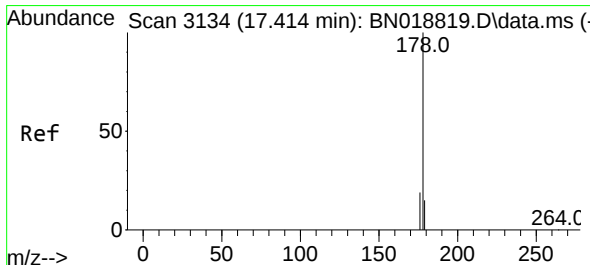
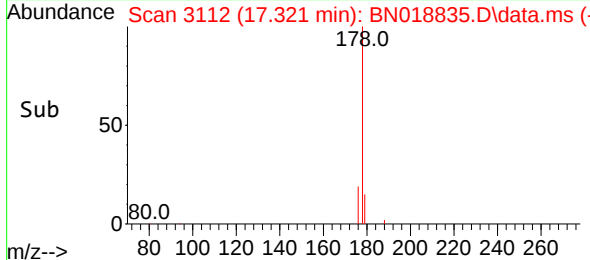
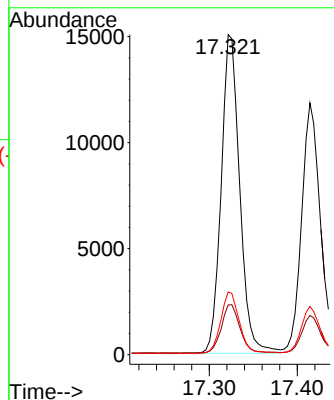
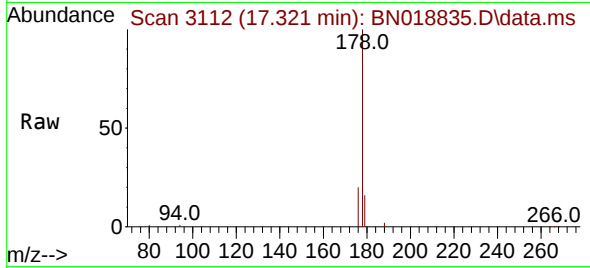




#15
Phenanthrene
Concen: 0.312 ng/ul
RT: 17.321 min Scan# 3112
Delta R.T. -0.008 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

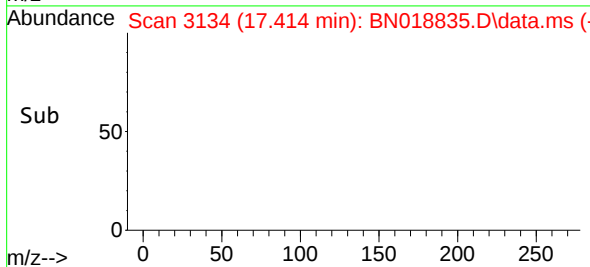
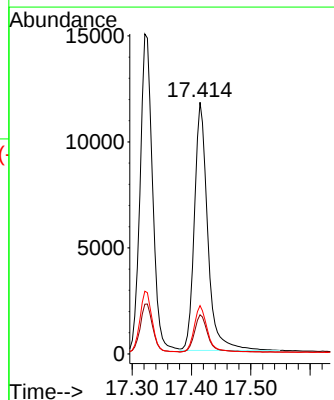
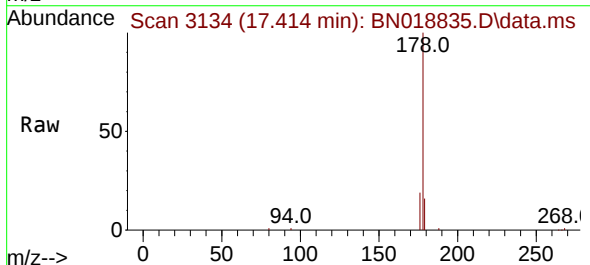
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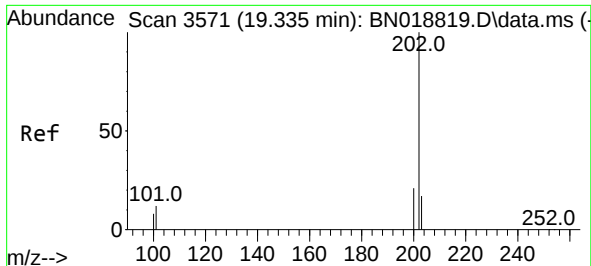
Tgt Ion:178	Resp:	22015
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.2 18.4
176	19.6	15.4 23.2



#16
Anthracene
Concen: 0.289 ng/ul
RT: 17.414 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

Tgt Ion:178	Resp:	18222
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.3 18.5
176	19.2	15.5 23.3

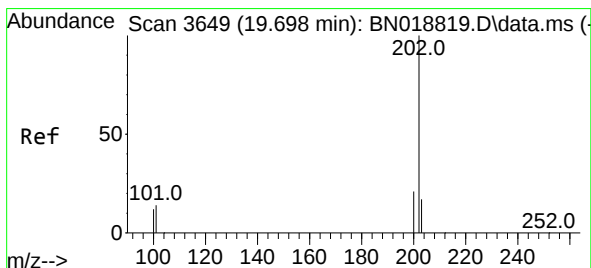
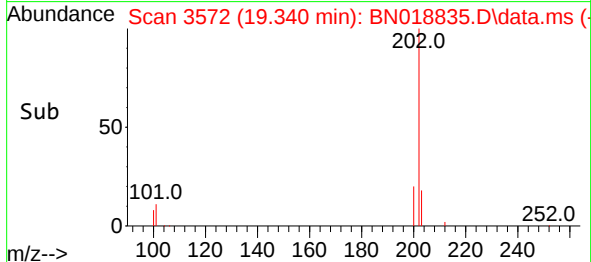
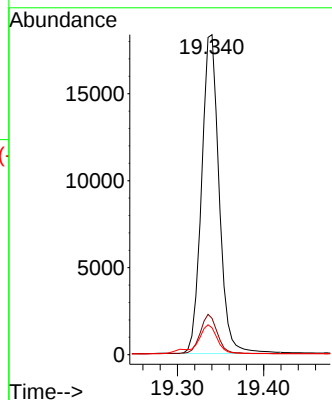
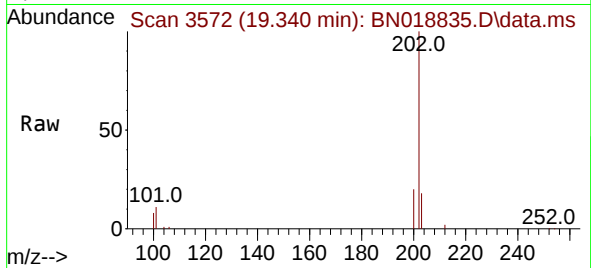




#19
Fluoranthene
Concen: 0.359 ng/ul
RT: 19.340 min Scan# 3571
Delta R.T. -0.003 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

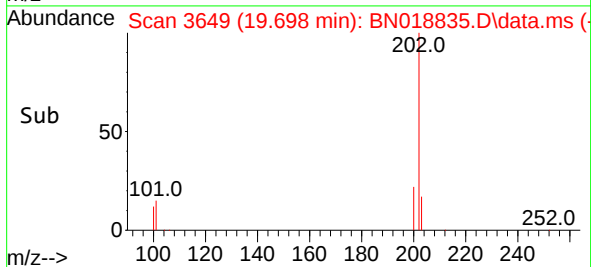
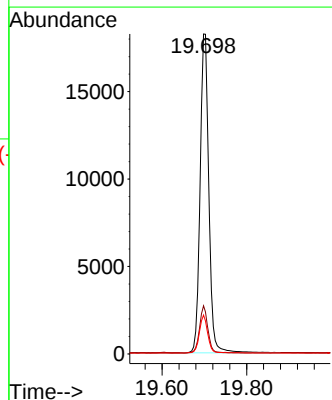
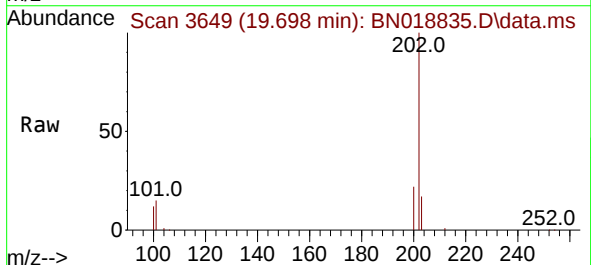
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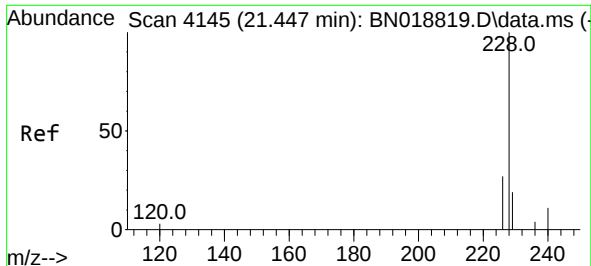
Tgt Ion:202 Resp: 25841
Ion Ratio Lower Upper
202 100
101 11.4 7.5 11.3#
100 8.4 5.4 8.2#



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.698 min Scan# 3649
Delta R.T. -0.008 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

Tgt Ion:202 Resp: 26024
Ion Ratio Lower Upper
202 100
101 15.1 9.0 13.4#
100 12.1 7.0 10.4#

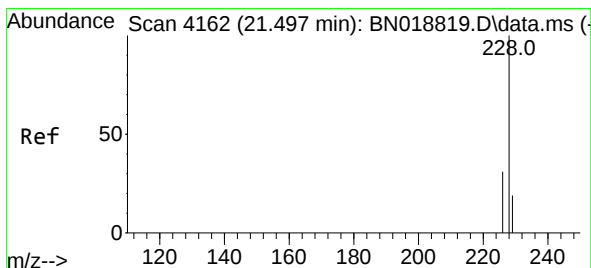
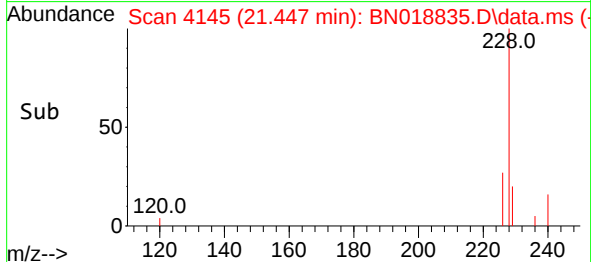
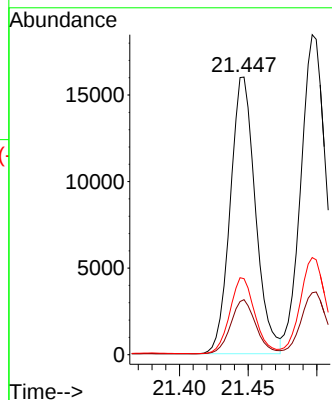
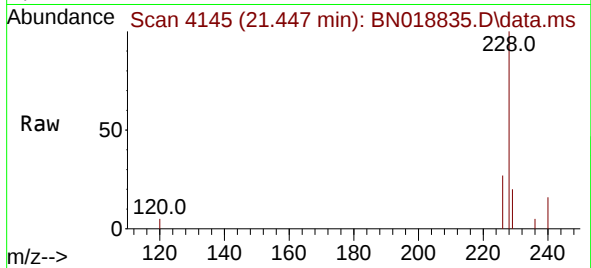




#21
Benzo(a)anthracene
Concen: 0.308 ng/ul
RT: 21.447 min Scan# 4145
Delta R.T. -0.005 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

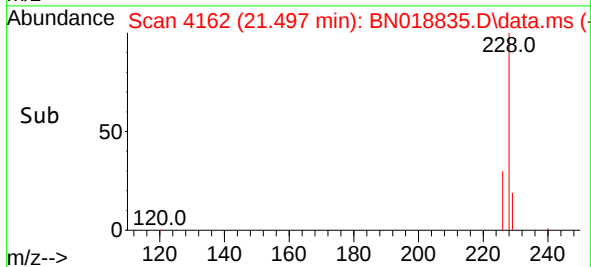
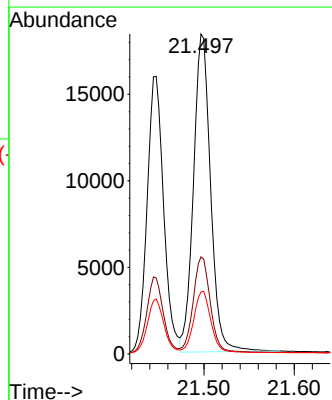
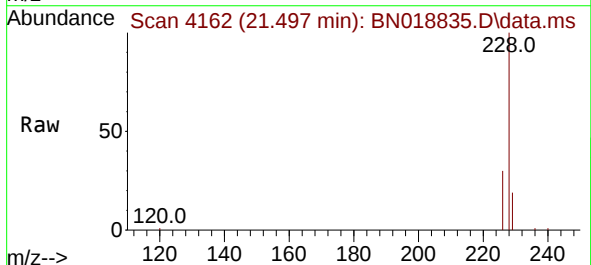
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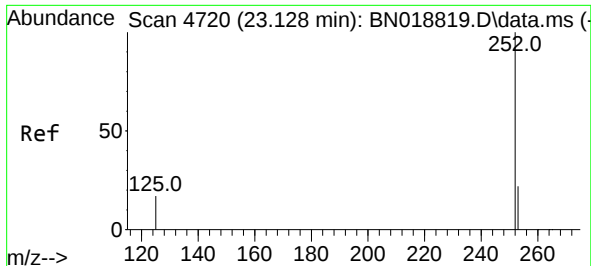
Tgt Ion:228	Resp:	20483
Ion Ratio	Lower	Upper
228	100	
229	19.8	15.6 23.4
226	27.4	22.1 33.1



#22
Chrysene
Concen: 0.349 ng/ul
RT: 21.497 min Scan# 4162
Delta R.T. -0.008 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

Tgt Ion:228	Resp:	24173
Ion Ratio	Lower	Upper
228	100	
226	30.3	24.2 36.4
229	19.3	15.7 23.5

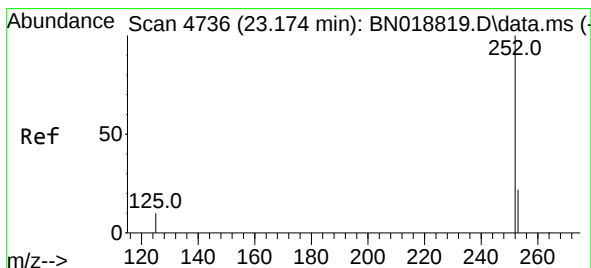
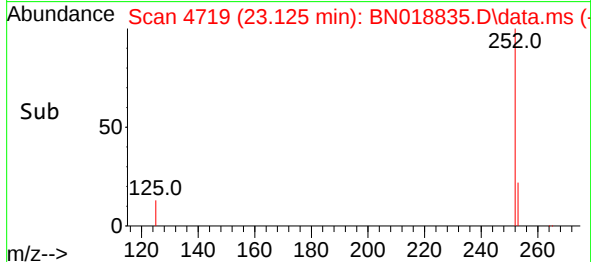
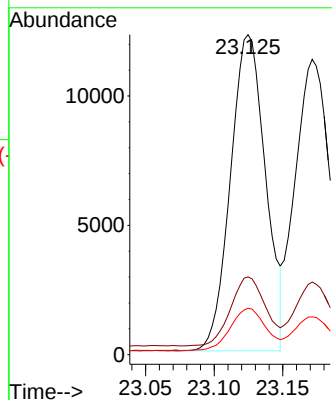
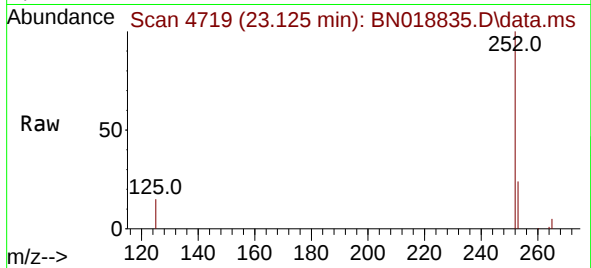




#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 23.125 min Scan# 4719
Delta R.T. -0.010 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

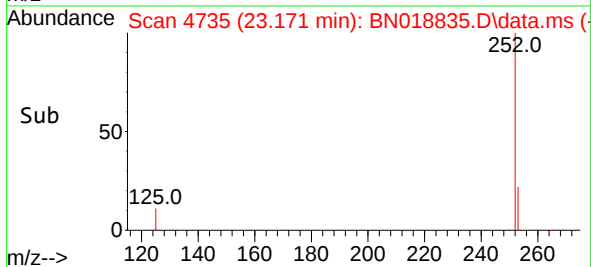
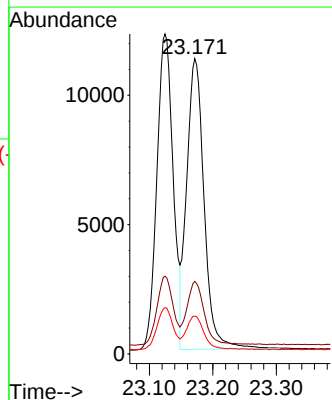
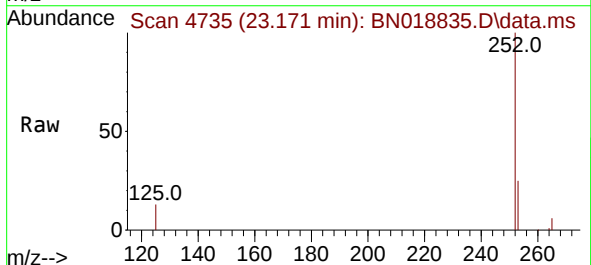
Instrument :
BNA_N
ClientSampleId :
SLCS053

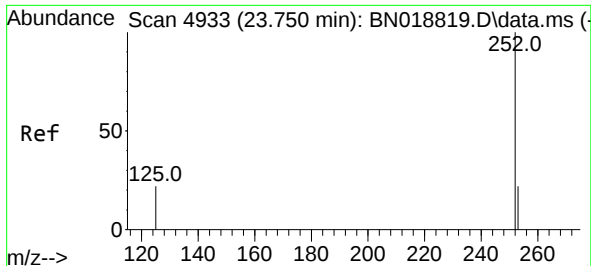
Tgt Ion:252 Resp: 21747
Ion Ratio Lower Upper
252 100
253 24.3 0.0 46.4
125 14.5 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.366 ng/ul
RT: 23.171 min Scan# 4735
Delta R.T. -0.010 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

Tgt Ion:252 Resp: 21424
Ion Ratio Lower Upper
252 100
253 24.6 18.6 28.0
125 12.8 7.3 10.9#

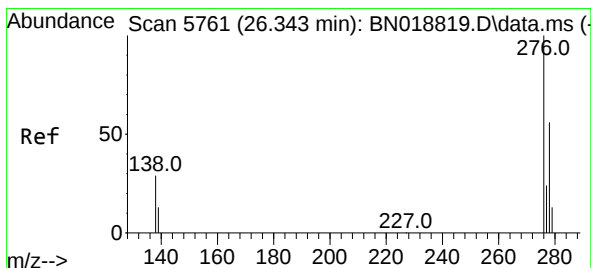
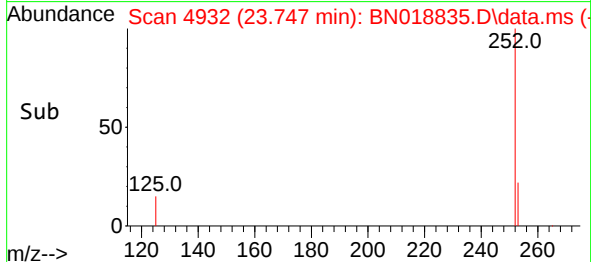
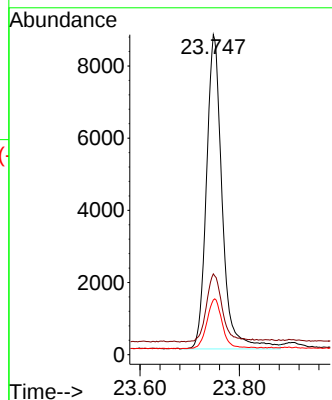
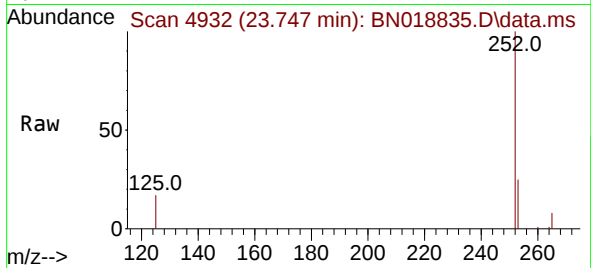




#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.747 min Scan# 4933
Delta R.T. -0.013 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

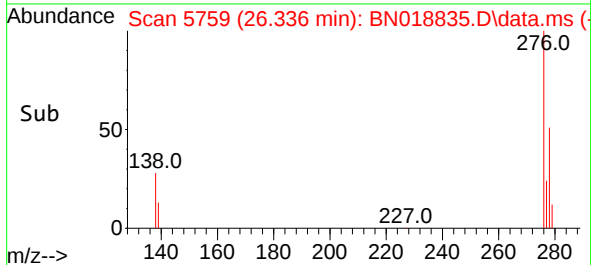
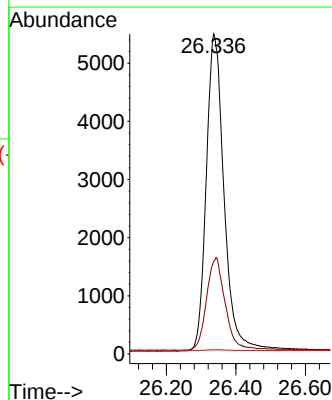
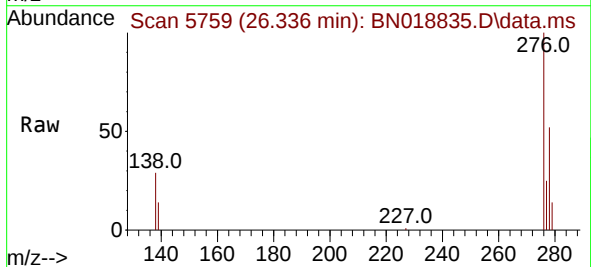
Instrument :
BNA_N
ClientSampleId :
SLCS053

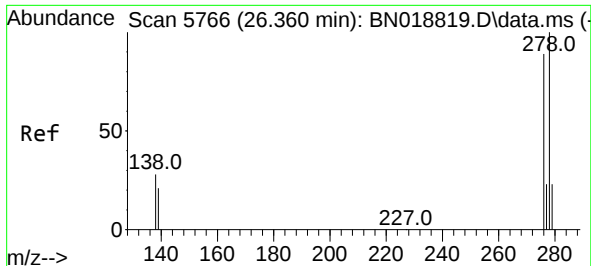
Tgt Ion:252 Resp: 19136
Ion Ratio Lower Upper
252 100
253 25.3 18.9 28.3
125 17.1 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.296 ng/ul
RT: 26.336 min Scan# 5759
Delta R.T. -0.022 min
Lab File: BN018835.D
Acq: 03 Mar 2022 20:39

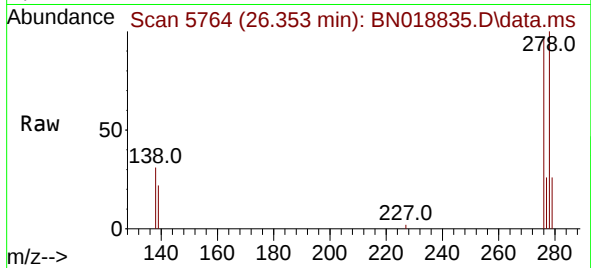
Tgt Ion:276 Resp: 19440
Ion Ratio Lower Upper
276 100
138 31.0 16.5 24.7#
227 0.3 0.1 0.1#



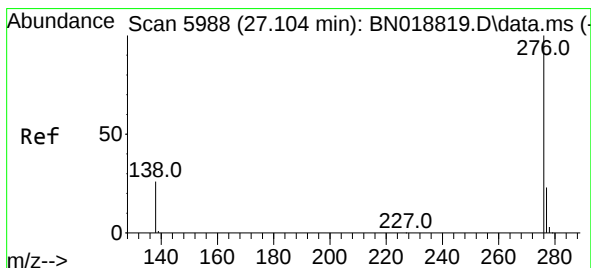
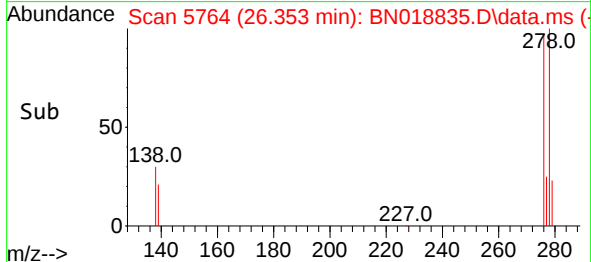
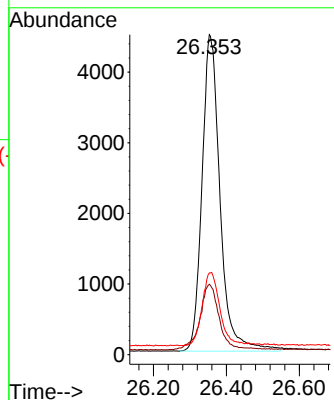


#28
 Dibenzo(a,h)anthracene
 Concen: 0.298 ng/ul
 RT: 26.353 min Scan# 51
 Delta R.T. -0.022 min
 Lab File: BN018835.D
 Acq: 03 Mar 2022 20:39

Instrument :
 BNA_N
 ClientSampleId :
 SLCS053



Tgt Ion:278 Resp: 15376
 Ion Ratio Lower Upper
 278 100
 139 22.0 11.9 17.9#
 279 25.5 19.5 29.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.297 ng/ul
 RT: 27.097 min Scan# 5986
 Delta R.T. -0.025 min
 Lab File: BN018835.D
 Acq: 03 Mar 2022 20:39

Tgt Ion:276 Resp: 16738
 Ion Ratio Lower Upper
 276 100
 138 27.1 14.4 21.6#
 277 24.8 19.2 28.8

