

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018067.D
 Acq On : 16 Dec 2021 18:03
 Operator : CG/JU
 Sample : PB141434BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS434

Quant Time: Dec 17 02:24:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 17:47:27 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

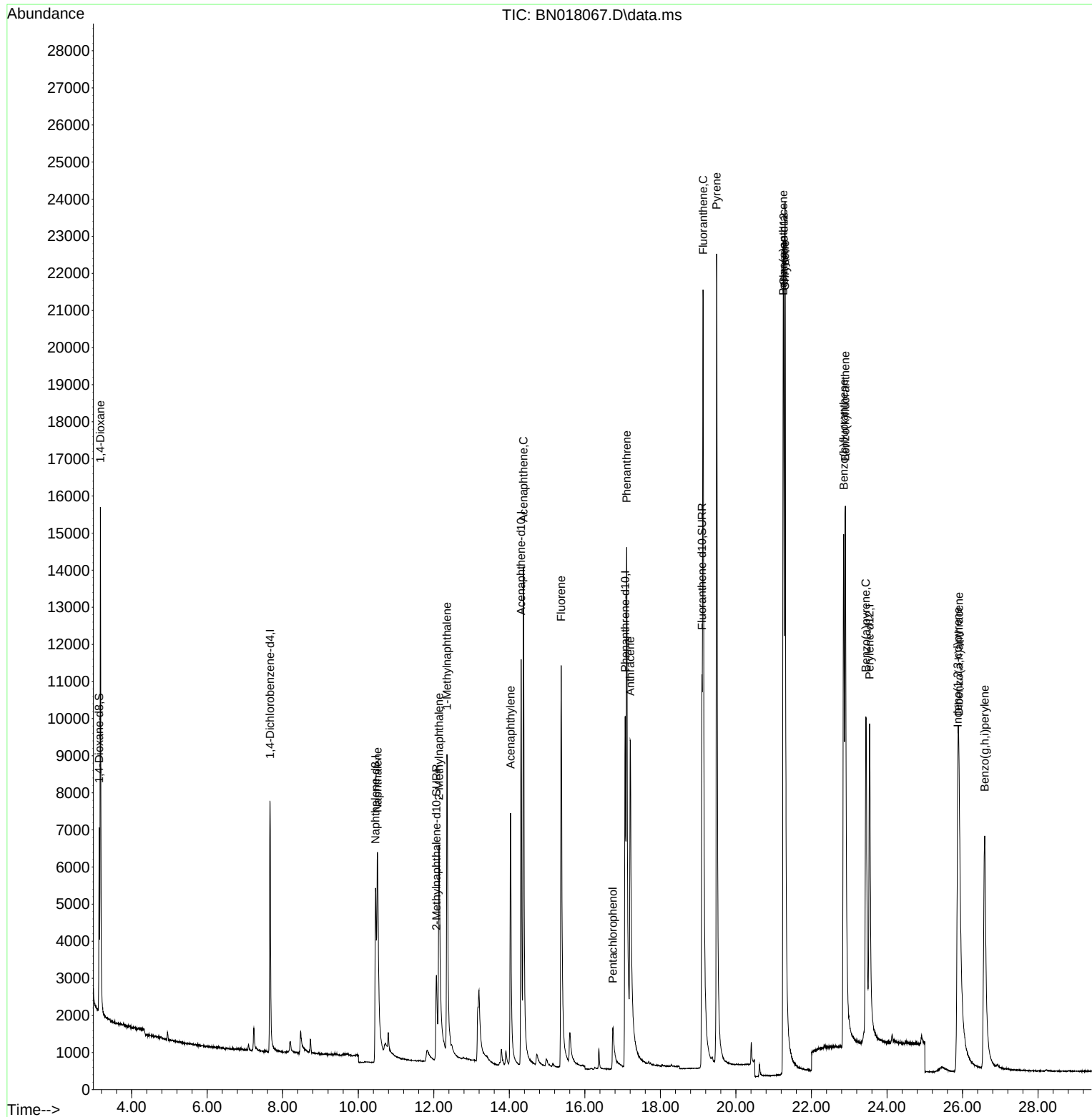
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	4219	0.400	ng/ul	0.00
4) Naphthalene-d8	10.459	136	12720	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.313	164	8078	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.070	188	16386	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.266	240	17103	0.400	ng/ul	# 0.00
23) Perylene-d12	23.540	264	13962	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3093	0.706	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.070	152	5467	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.100	212	19355	0.397	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.173	88	9062	1.762	ng/ul#	44
5) Naphthalene	10.514	128	12662	0.363	ng/ul	98
7) 2-Methylnaphthalene	12.141	142	7113	0.363	ng/ul	100
8) 1-Methylnaphthalene	12.350	142	7938	0.349	ng/ul	99
10) Acenaphthylene	14.031	152	11975	0.366	ng/ul	100
11) Acenaphthene	14.373	153	10654	0.366	ng/ul	97
12) Fluorene	15.372	166	11751	0.366	ng/ul	100
14) Pentachlorophenol	16.745	266	1848	0.644	ng/ul	99
15) Phenanthrene	17.108	178	20572	0.362	ng/ul	99
16) Anthracene	17.201	178	16531	0.370	ng/ul	98
19) Fluoranthene	19.133	202	26967	0.391	ng/ul	97
20) Pyrene	19.491	202	29822	0.387	ng/ul	94
21) Benzo(a)anthracene	21.252	228	19359	0.381	ng/ul	99
22) Chrysene	21.301	228	29005	0.397	ng/ul	99
24) Benzo(b)fluoranthene	22.853	252	22958	0.411	ng/ul	85
25) Benzo(k)fluoranthene	22.897	252	29067	0.391	ng/ul#	82
26) Benzo(a)pyrene	23.441	252	21118	0.392	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.873	276	23290	0.384	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.907	278	17081	0.385	ng/ul#	84
29) Benzo(g,h,i)perylene	26.588	276	20226	0.389	ng/ul#	88

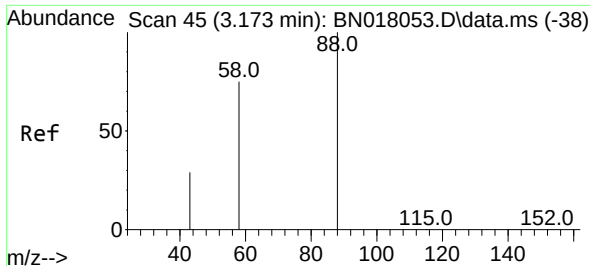
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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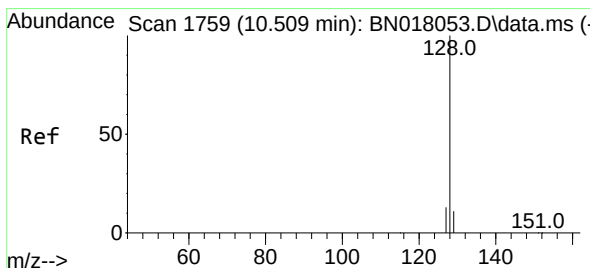
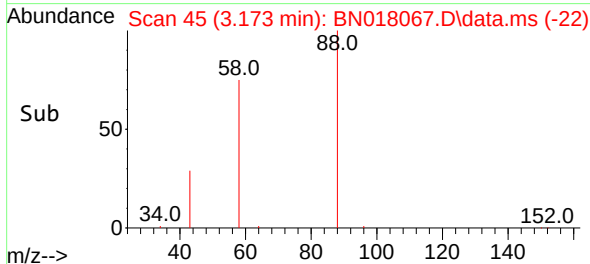
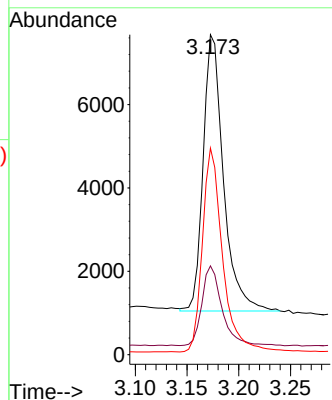
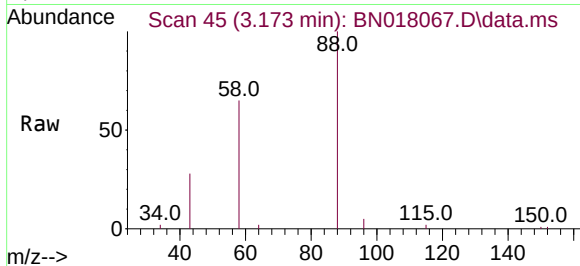




#2
1,4-Dioxane
Concen: 1.762 ng/ul
RT: 3.173 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

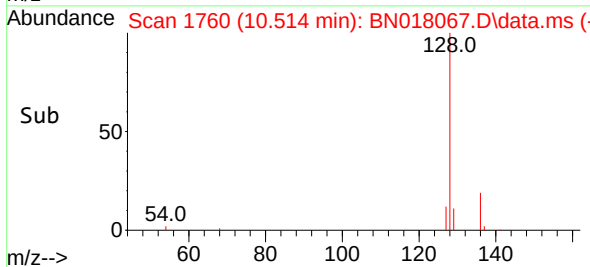
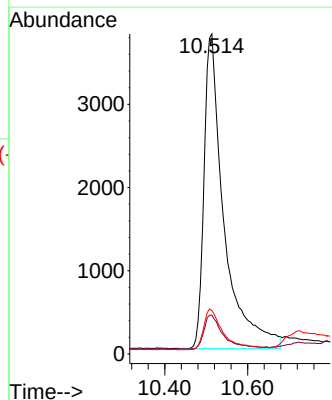
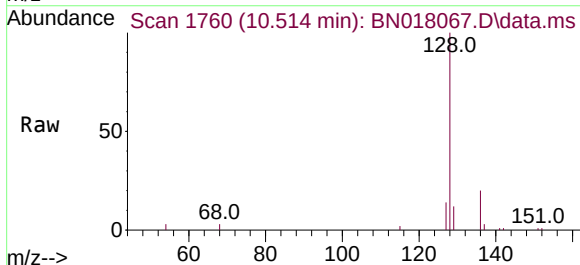
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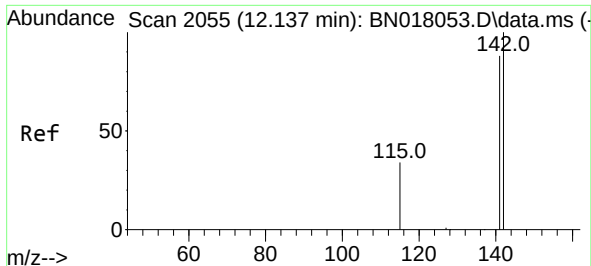
Tgt Ion: 88 Resp: 9062
Ion Ratio Lower Upper
88 100
43 27.7 85.8 128.6#
58 64.5 43.4 65.0



#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.514 min Scan# 1760
Delta R.T. 0.004 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

Tgt Ion:128 Resp: 12662
Ion Ratio Lower Upper
128 100
129 12.2 10.4 15.6
127 13.6 11.8 17.6

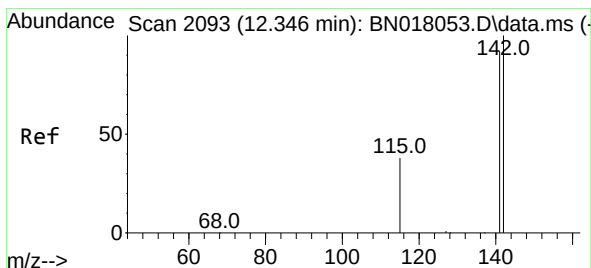
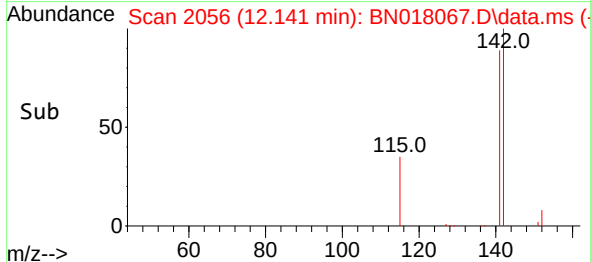
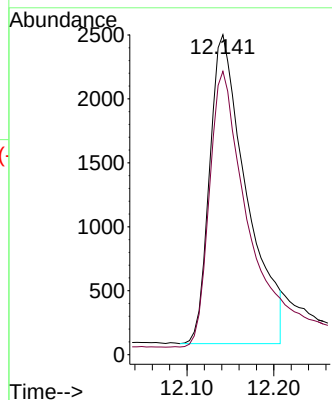
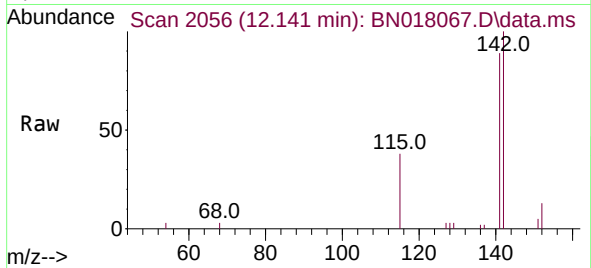




#7
2-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. 0.004 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

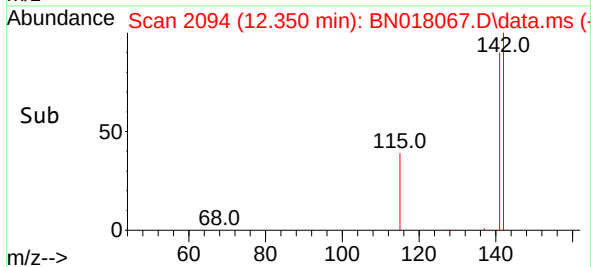
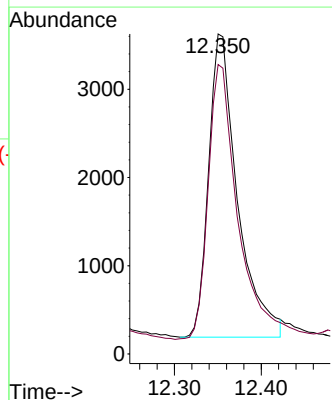
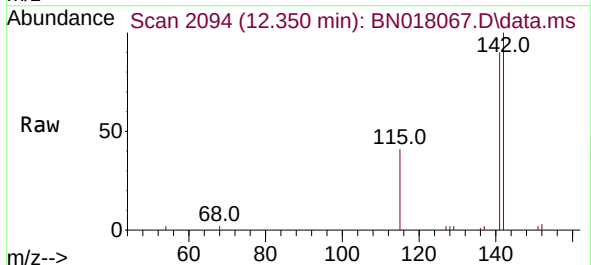
Instrument :
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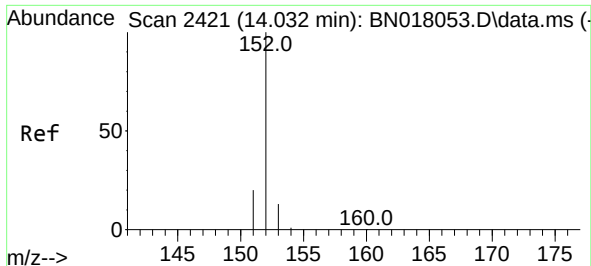
Tgt Ion:142 Resp: 7113
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.350 min Scan# 2094
Delta R.T. -0.001 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

Tgt Ion:142 Resp: 7938
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9

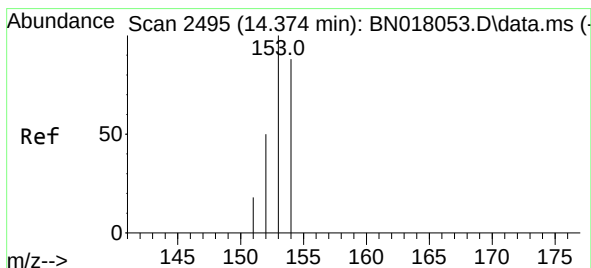
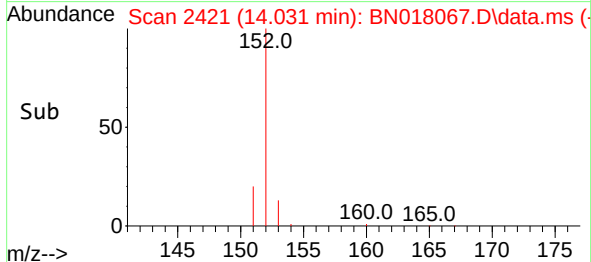
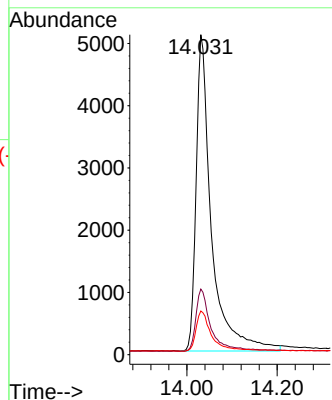
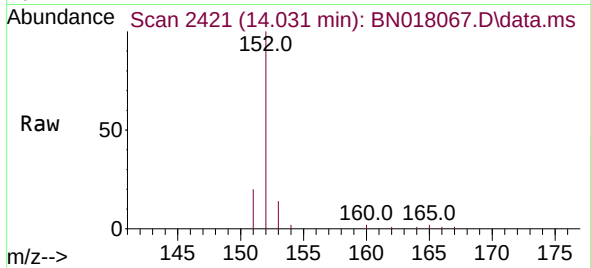




#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.031 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

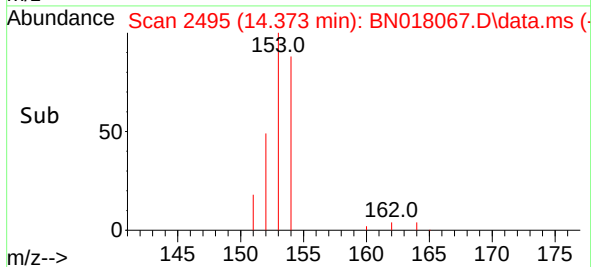
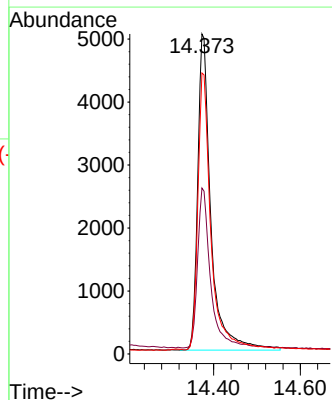
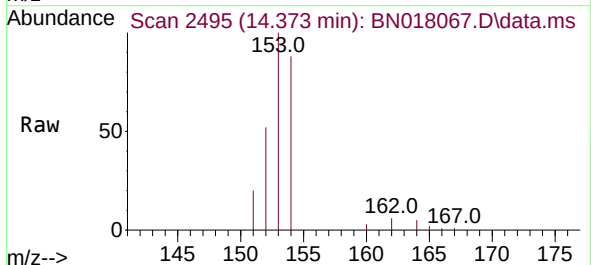
Instrument :
BNA_N
ClientSampleId :
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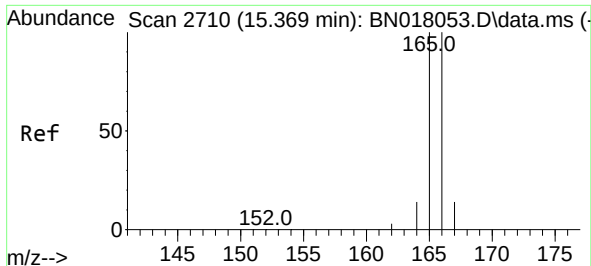
Tgt Ion:152 Resp: 11975
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.373 min Scan# 2495
Delta R.T. -0.001 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

Tgt Ion:153 Resp: 10654
Ion Ratio Lower Upper
153 100
152 51.8 38.3 57.5
154 87.8 71.1 106.7

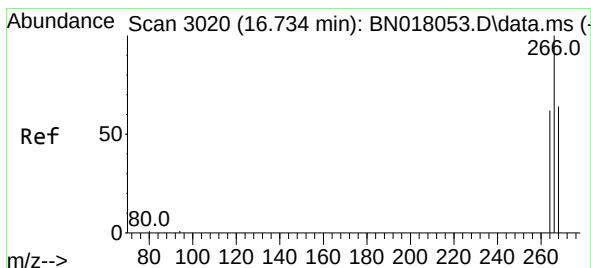
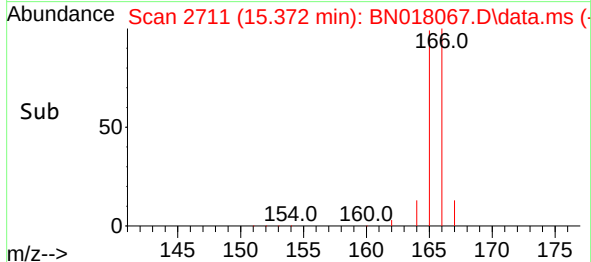
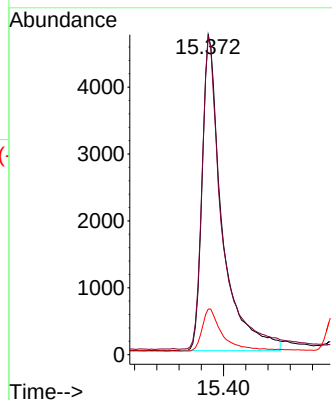
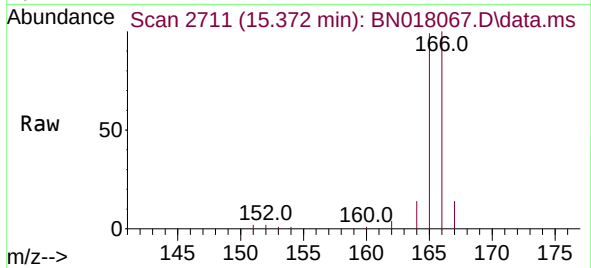




#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.372 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

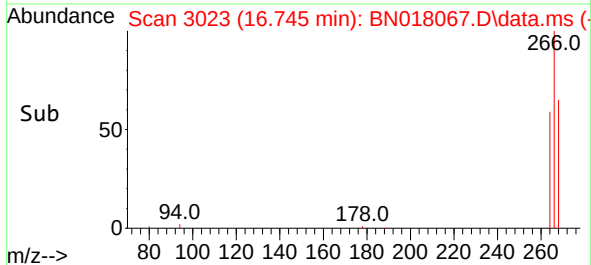
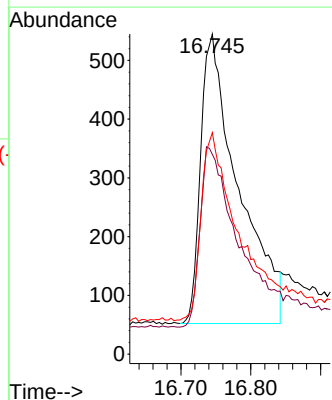
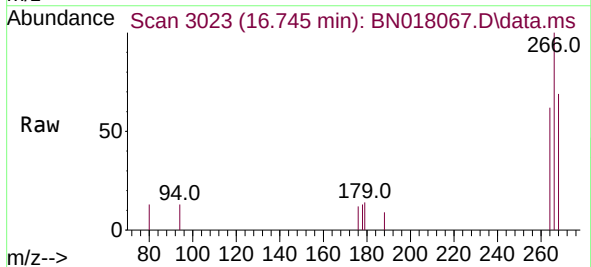
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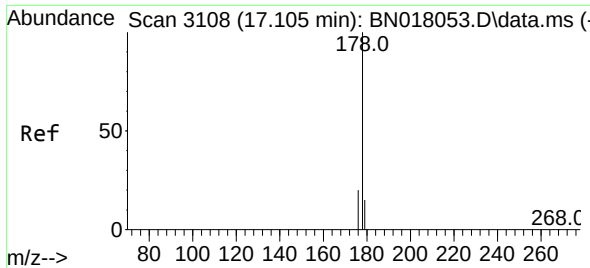
Tgt Ion:166 Resp: 11751
Ion Ratio Lower Upper
166 100
165 99.4 79.2 118.8
167 14.2 11.2 16.8



#14
Pentachlorophenol
Concen: 0.644 ng/ul
RT: 16.745 min Scan# 3023
Delta R.T. -0.010 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

Tgt Ion:266 Resp: 1848
Ion Ratio Lower Upper
266 100
264 62.9 50.3 75.5
268 64.0 52.2 78.4

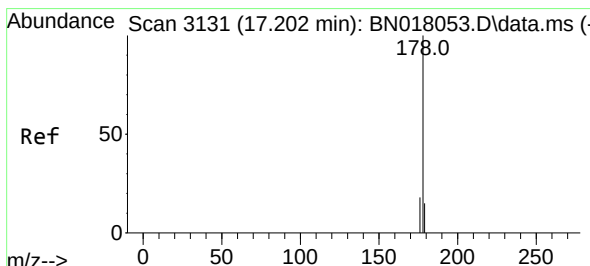
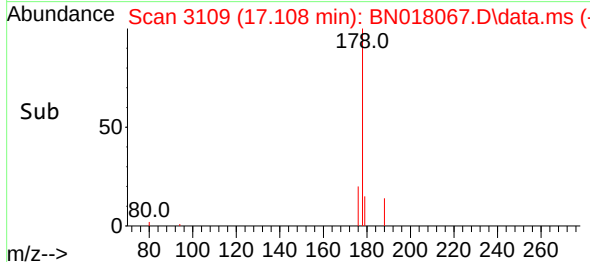
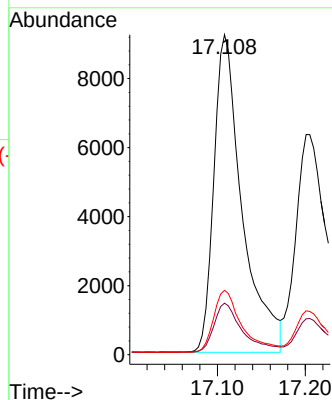
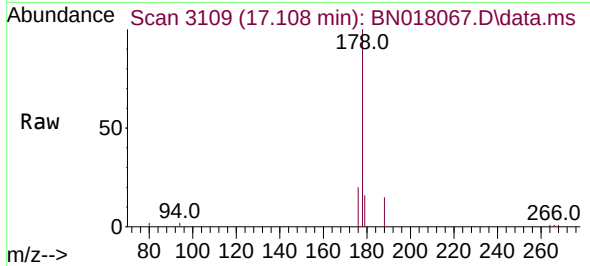




#15
Phenanthrene
Concen: 0.362 ng/ul
RT: 17.108 min Scan# 3109
Delta R.T. -0.001 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

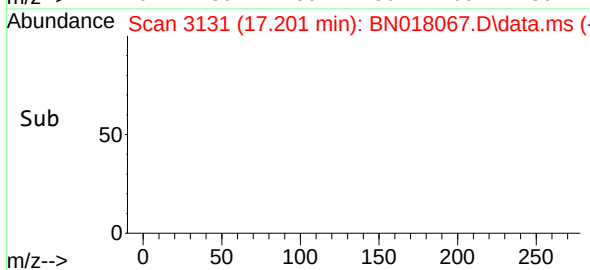
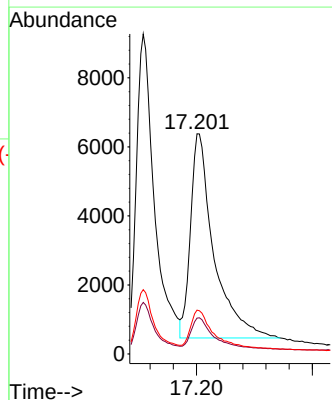
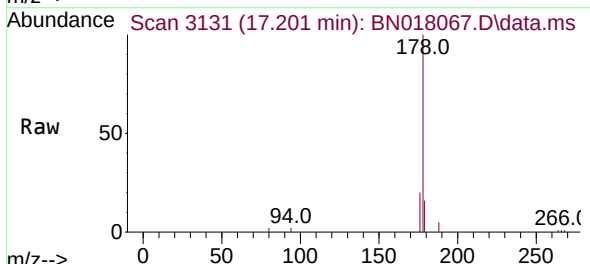
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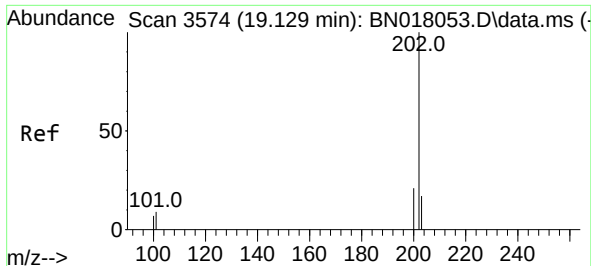
Tgt Ion:178	Resp:	20572
Ion Ratio	Lower	Upper
178	100	
179	16.1	13.0 19.4
176	20.1	15.6 23.4



#16
Anthracene
Concen: 0.370 ng/ul
RT: 17.201 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

Tgt Ion:178	Resp:	16531
Ion Ratio	Lower	Upper
178	100	
179	16.3	13.3 19.9
176	19.9	15.1 22.7

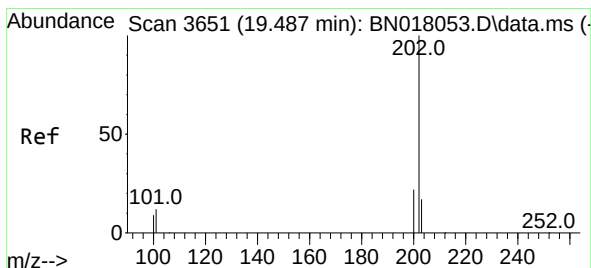
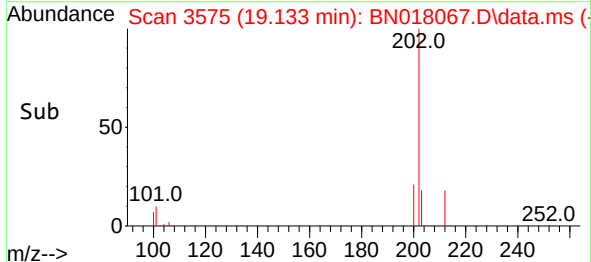
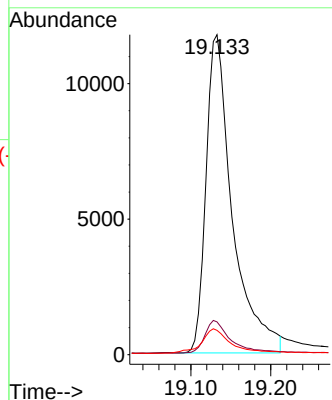
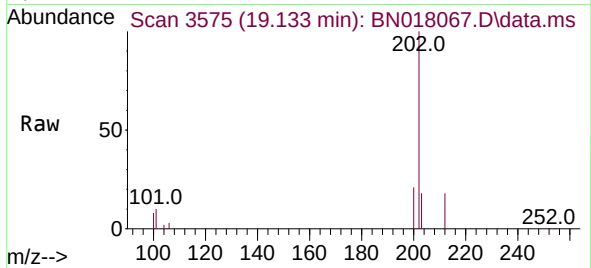




#19
Fluoranthene
Concen: 0.391 ng/ul
RT: 19.133 min Scan# 31
Delta R.T. 0.003 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

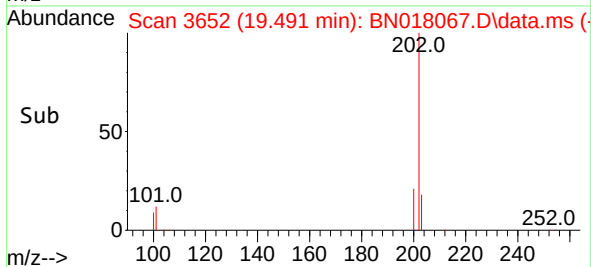
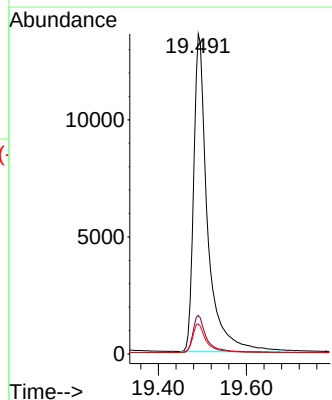
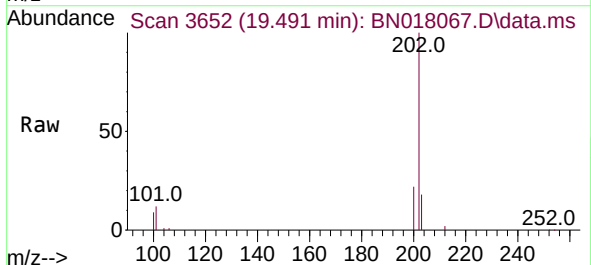
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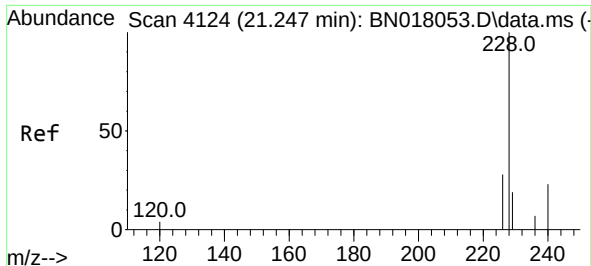
Tgt Ion:202 Resp: 26967
Ion Ratio Lower Upper
202 100
101 10.2 9.0 13.4
100 7.6 6.8 10.2



#20
Pyrene
Concen: 0.387 ng/ul
RT: 19.491 min Scan# 3652
Delta R.T. -0.001 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

Tgt Ion:202 Resp: 29822
Ion Ratio Lower Upper
202 100
101 12.0 11.4 17.2
100 9.4 9.4 14.0

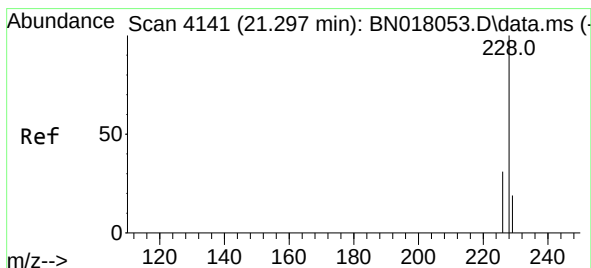
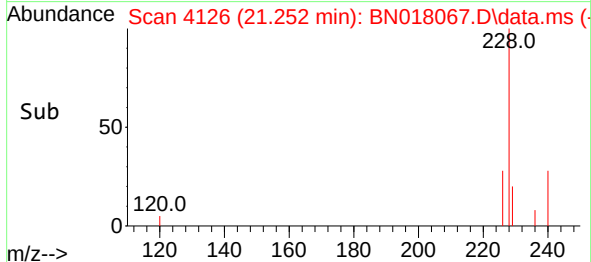
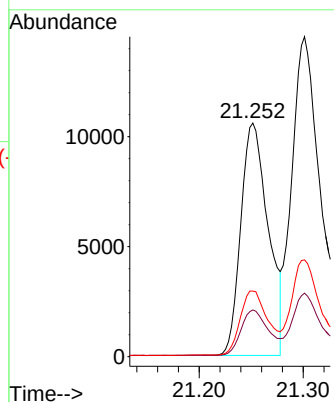
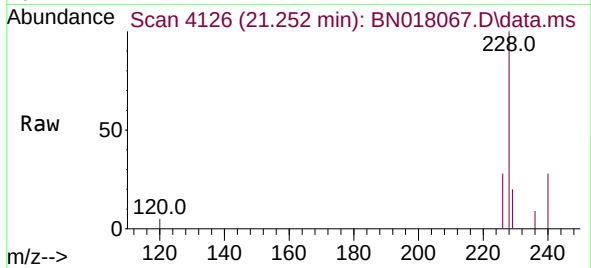




#21
Benzo(a)anthracene
Concen: 0.381 ng/ul
RT: 21.252 min Scan# 4126
Delta R.T. 0.002 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

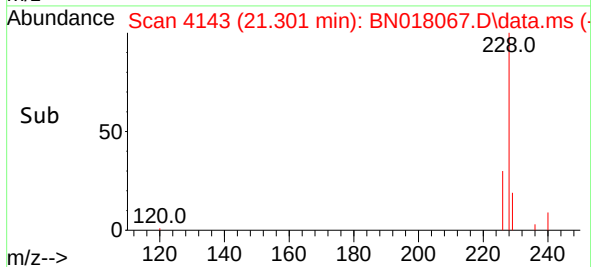
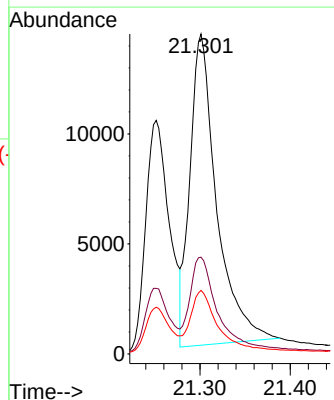
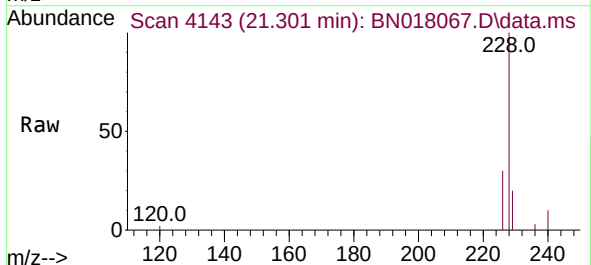
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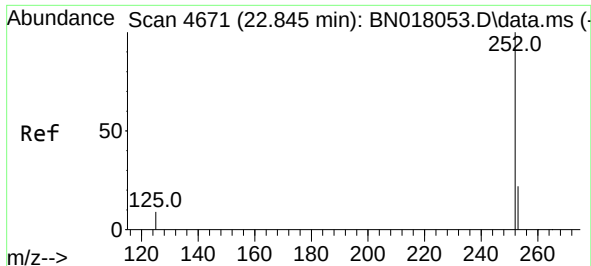
Tgt Ion:228 Resp: 19359
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 28.1 21.8 32.8



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.301 min Scan# 4143
Delta R.T. 0.002 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

Tgt Ion:228 Resp: 29005
Ion Ratio Lower Upper
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226 30.3 23.9 35.9
229 19.9 15.7 23.5

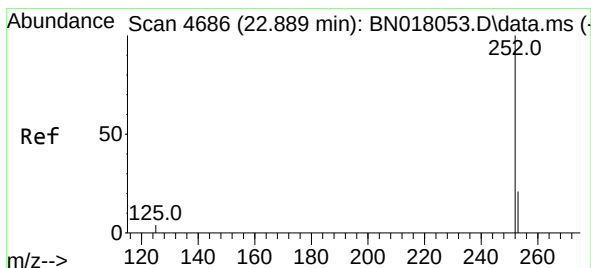
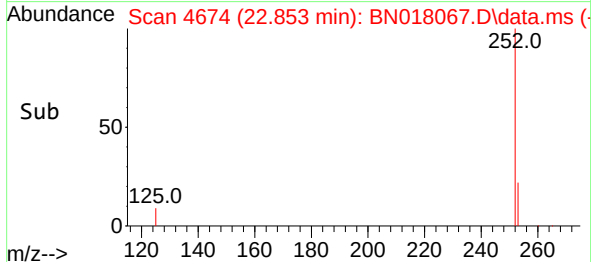
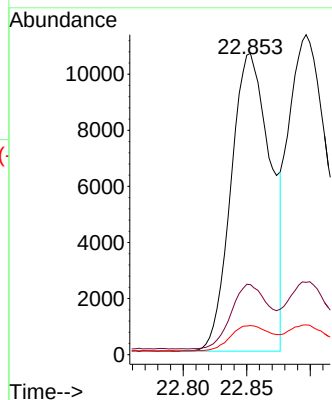
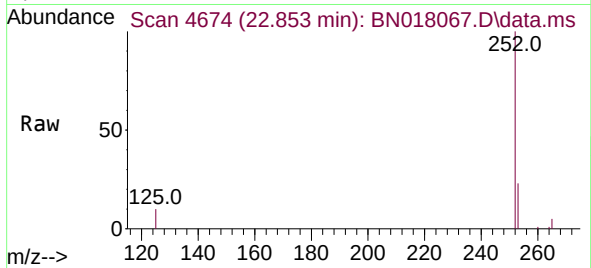




#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul
RT: 22.853 min Scan# 4674
Delta R.T. 0.002 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

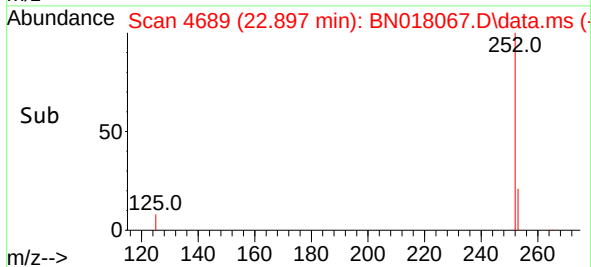
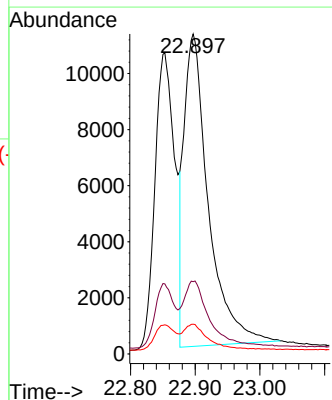
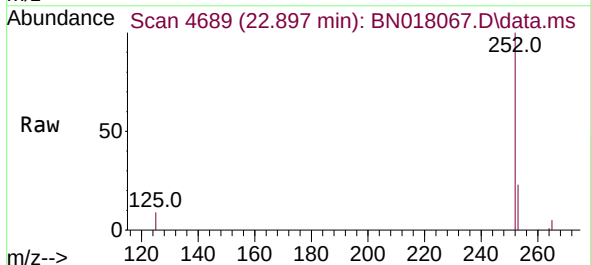
Instrument :
BNA_N
ClientSampleId :
SLCS434

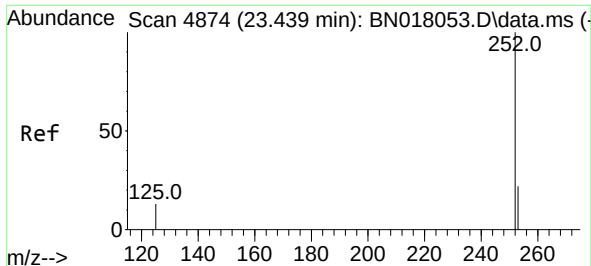
Tgt Ion:252 Resp: 22958
Ion Ratio Lower Upper
252 100
253 23.3 0.0 57.6
125 9.7 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul
RT: 22.897 min Scan# 4689
Delta R.T. 0.005 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

Tgt Ion:252 Resp: 29067
Ion Ratio Lower Upper
252 100
253 22.6 23.1 34.7#
125 9.3 17.1 25.7#

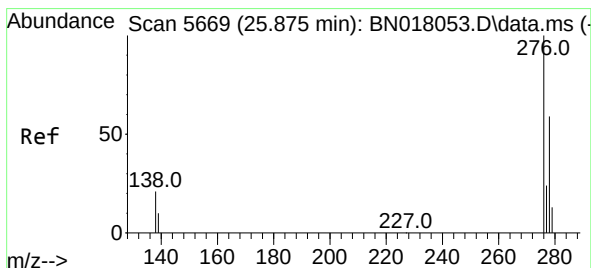
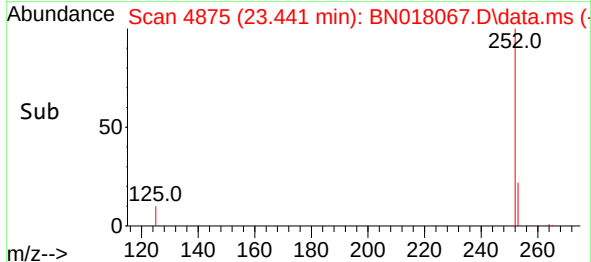
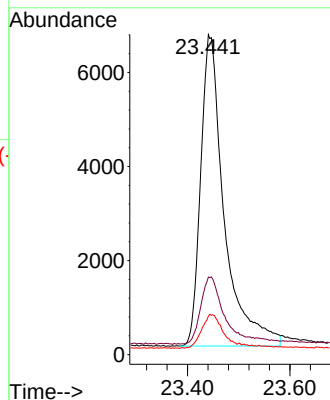
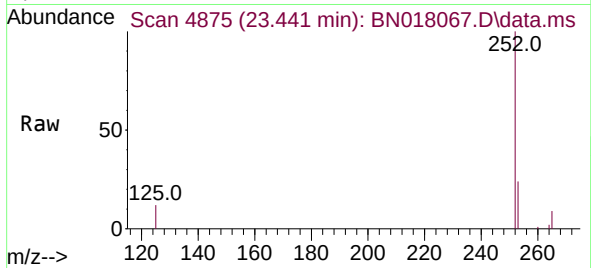




#26
Benzo(a)pyrene
Concen: 0.392 ng/ul
RT: 23.441 min Scan# 4875
Delta R.T. 0.002 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

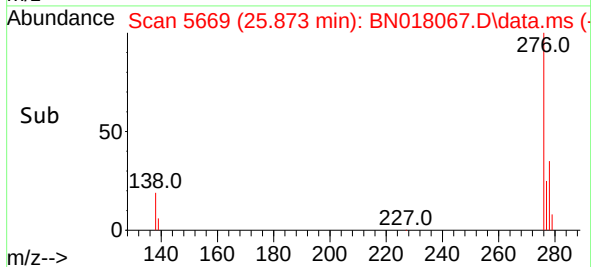
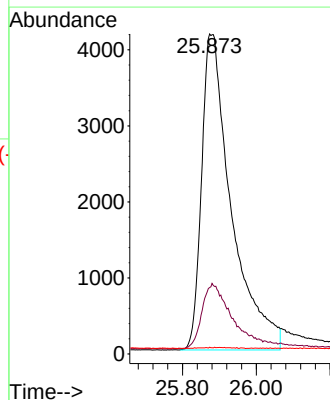
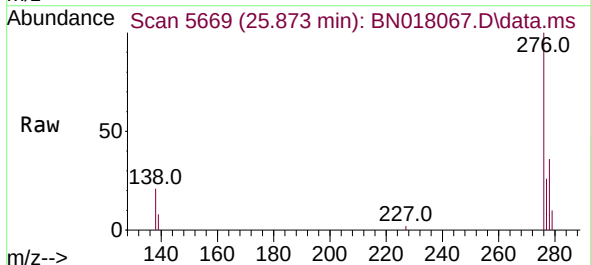
Instrument :
BNA_N
ClientSampleId :
SLCS434

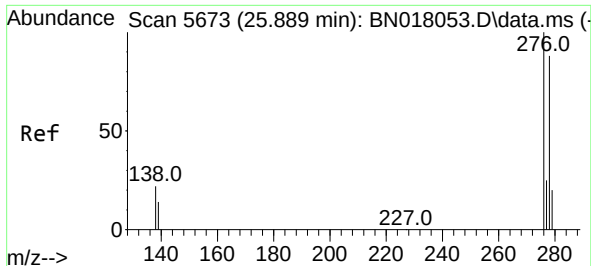
Tgt Ion:252 Resp: 21118
Ion Ratio Lower Upper
252 100
253 24.3 25.0 37.4#
125 12.0 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 25.873 min Scan# 5669
Delta R.T. -0.001 min
Lab File: BN018067.D
Acq: 16 Dec 2021 18:03

Tgt Ion:276 Resp: 23290
Ion Ratio Lower Upper
276 100
138 0.0 0.1 0.1#
227 0.0 0.0 0.0#

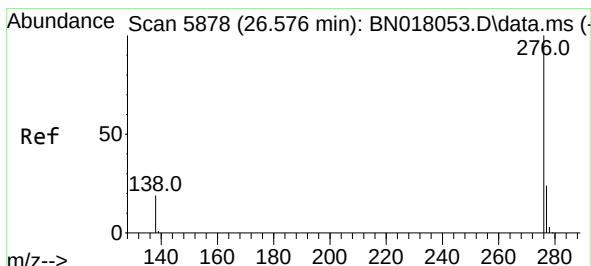
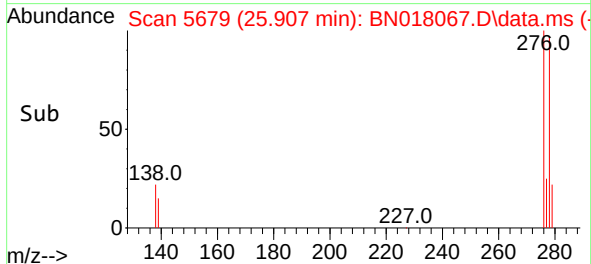
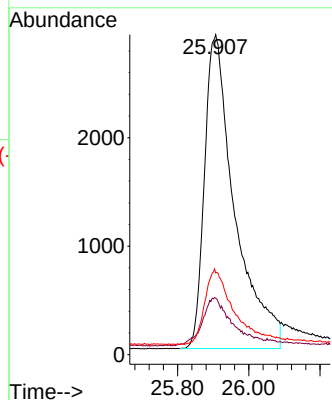
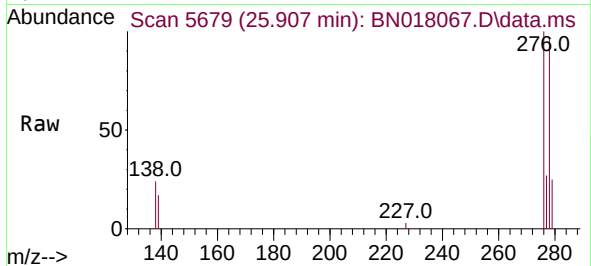




#28
 Dibenzo(a,h)anthracene
 Concen: 0.385 ng/ul
 RT: 25.907 min Scan# 51
 Delta R.T. 0.009 min
 Lab File: BN018067.D
 Acq: 16 Dec 2021 18:03

Instrument :
 BNA_N
 ClientSampleId :
 SLCS434

Tgt Ion:278 Resp: 17081
 Ion Ratio Lower Upper
 278 100
 139 17.7 21.8 32.8#
 279 25.5 26.3 39.5#



#29
 Benzo(g,h,i)perylene
 Concen: 0.389 ng/ul
 RT: 26.588 min Scan# 5882
 Delta R.T. 0.012 min
 Lab File: BN018067.D
 Acq: 16 Dec 2021 18:03

Tgt Ion:276 Resp: 20226
 Ion Ratio Lower Upper
 276 100
 138 19.9 24.5 36.7#
 277 25.0 21.2 31.8

