

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018027.D
 Acq On : 15 Dec 2021 16:27
 Operator : CG/JU
 Sample : SSTD1.647
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6247

Quant Time: Dec 15 17:20:44 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 17:18:54 2021
 Response via : Initial Calibration

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

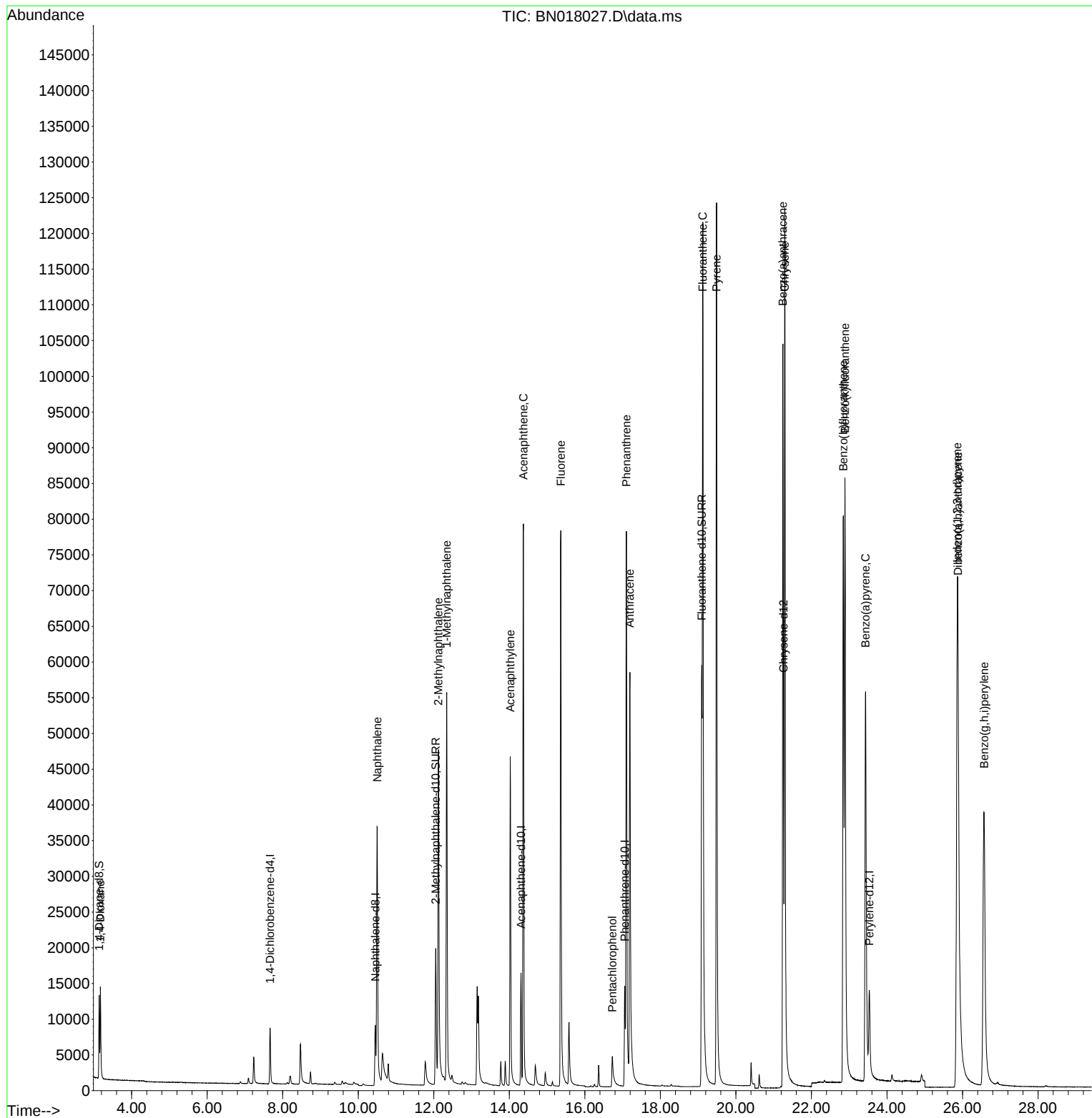
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	4517	0.400	ng/ul	0.00
4) Naphthalene-d8	10.453	136	14224	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.308	164	9065	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.057	188	19561	0.400	ng/ul	-0.01
17) Chrysene-d12	21.260	240	20384	0.400	ng/ul	# 0.00
23) Perylene-d12	23.531	264	17649	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	7233	1.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.053	152	30914	1.408	ng/ul	-0.01
18) Fluoranthene-d10	19.095	212	89145	1.217	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	8281	1.296	ng/ul#	44
5) Naphthalene	10.502	128	62705	1.595	ng/ul	96
7) 2-Methylnaphthalene	12.125	142	41423	1.471	ng/ul	99
8) 1-Methylnaphthalene	12.345	142	42920	1.541	ng/ul	100
10) Acenaphthylene	14.026	152	59570	1.368	ng/ul	98
11) Acenaphthene	14.373	153	49999	1.607	ng/ul	99
12) Fluorene	15.363	166	59310	1.609	ng/ul	98
14) Pentachlorophenol	16.724	266	5576	1.302	ng/ul	98
15) Phenanthrene	17.099	178	99375	1.689	ng/ul	99
16) Anthracene	17.192	178	86913	1.469	ng/ul	99
19) Fluoranthene	19.123	202	129341	1.368	ng/ul	97
20) Pyrene	19.486	202	134367	1.390	ng/ul#	93
21) Benzo(a)anthracene	21.243	228	107588	1.419	ng/ul	99
22) Chrysene	21.295	228	130397	1.718	ng/ul	99
24) Benzo(b)fluoranthene	22.844	252	118190	1.640	ng/ul	82
25) Benzo(k)fluoranthene	22.888	252	138686	1.867	ng/ul#	81
26) Benzo(a)pyrene	23.432	252	106293	1.765	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.860	276	131601	2.589	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.880	278	99212	2.624	ng/ul#	80
29) Benzo(g,h,i)perylene	26.571	276	108395	2.331	ng/ul#	86

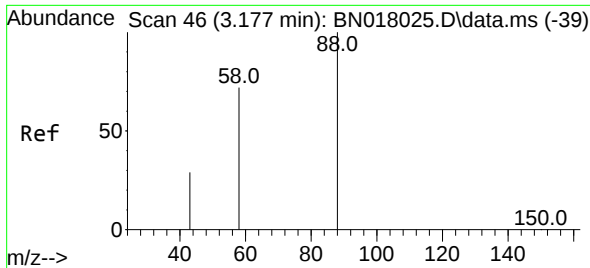
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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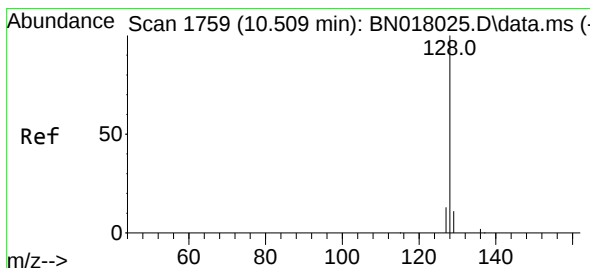
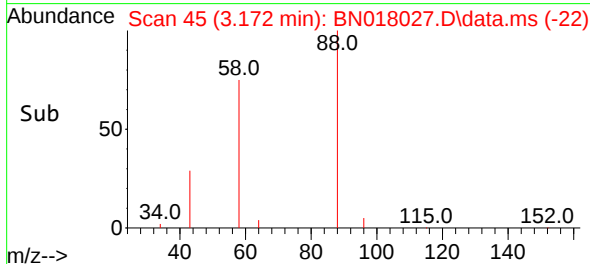
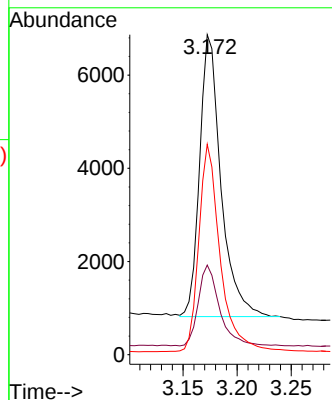
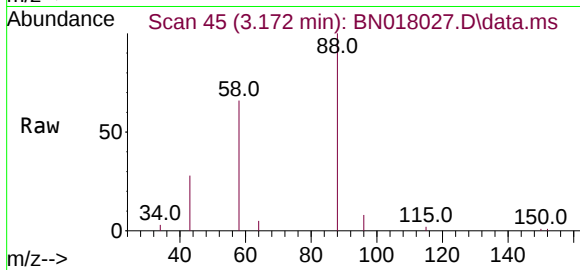




#2
 1,4-Dioxane
 Concen: 1.296 ng/ul
 RT: 3.172 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN018027.D
 Acq: 15 Dec 2021 16:27

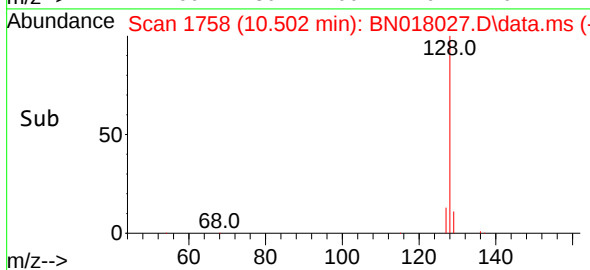
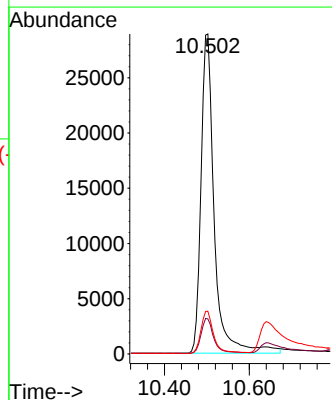
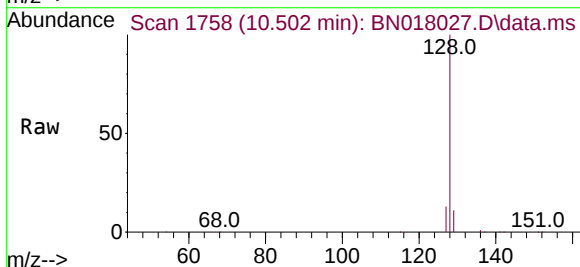
Instrument :
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 ClientSampleId :
 SSTD1.6247

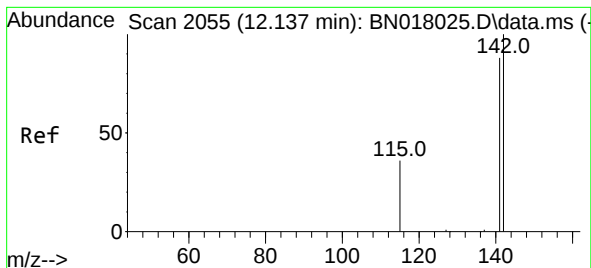
Tgt Ion: 88 Resp: 8281
 Ion Ratio Lower Upper
 88 100
 43 28.0 85.8 128.6#
 58 65.7 43.4 65.0#



#5
 Naphthalene
 Concen: 1.595 ng/ul
 RT: 10.502 min Scan# 1758
 Delta R.T. -0.007 min
 Lab File: BN018027.D
 Acq: 15 Dec 2021 16:27

Tgt Ion:128 Resp: 62705
 Ion Ratio Lower Upper
 128 100
 129 11.0 10.4 15.6
 127 13.4 11.8 17.6

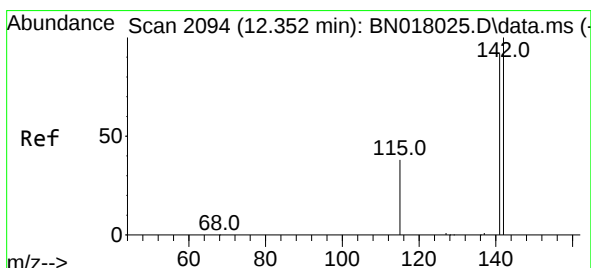
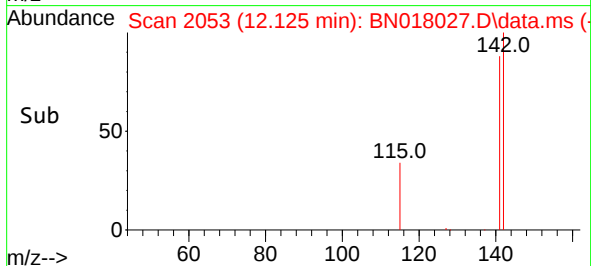
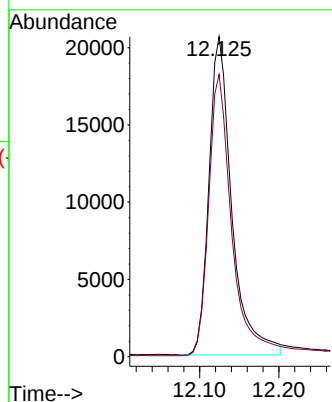
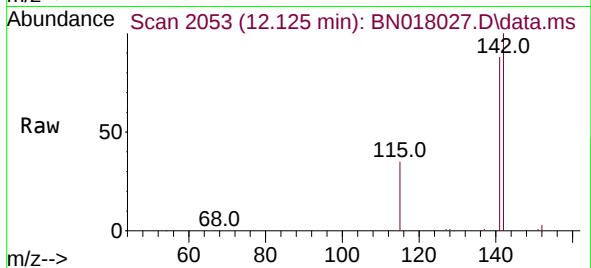




#7
2-Methylnaphthalene
Concen: 1.471 ng/ul
RT: 12.125 min Scan# 2053
Delta R.T. -0.013 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

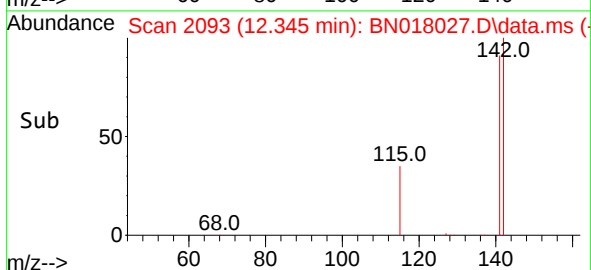
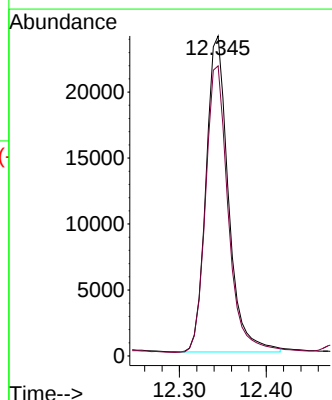
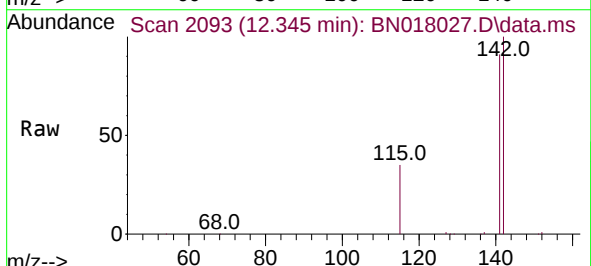
Instrument :
BNA_N
ClientSampleId :
SSTD1.6247

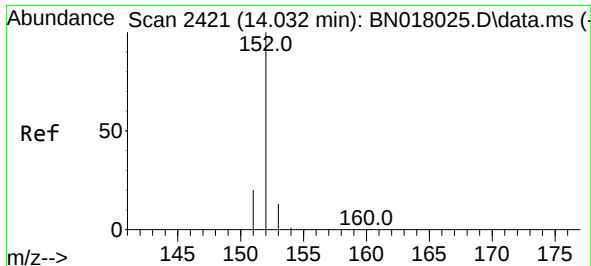
Tgt Ion:142 Resp: 41423
Ion Ratio Lower Upper
142 100
141 88.4 71.5 107.3



#8
1-Methylnaphthalene
Concen: 1.541 ng/ul
RT: 12.345 min Scan# 2093
Delta R.T. -0.007 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

Tgt Ion:142 Resp: 42920
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

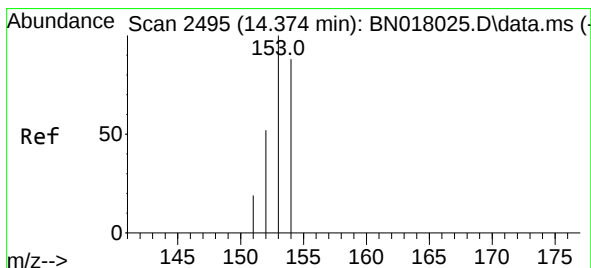
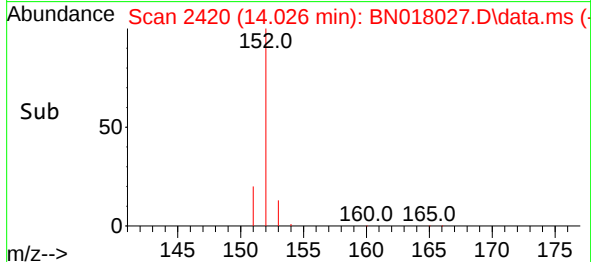
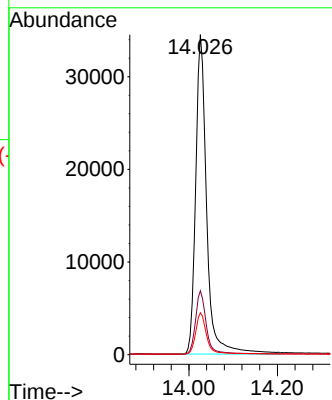
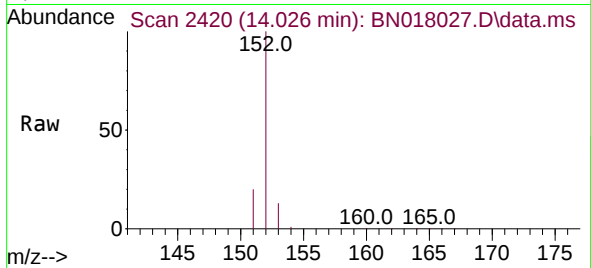




#10
Acenaphthylene
Concen: 1.368 ng/ul
RT: 14.026 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

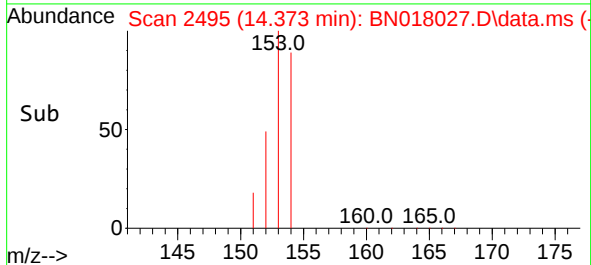
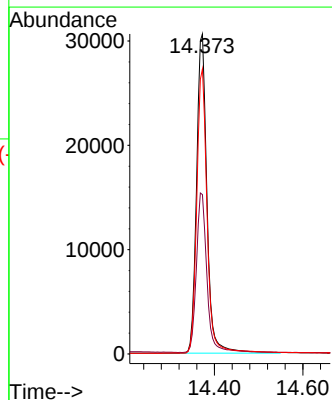
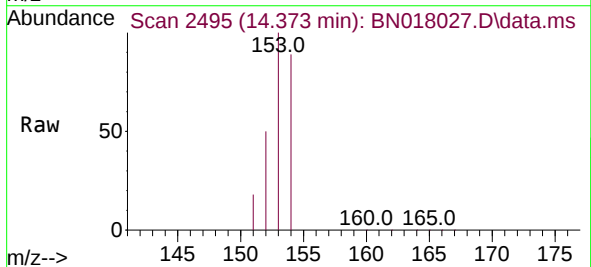
Instrument :
BNA_N
ClientSampleId :
SSTD1.6247

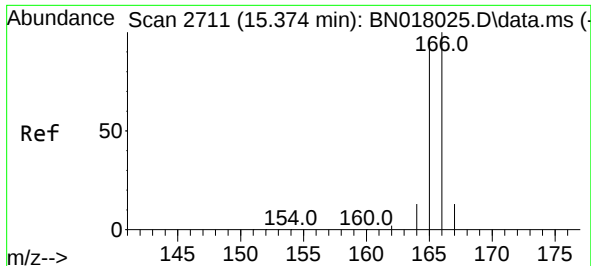
Tgt Ion:152 Resp: 59570
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.1 11.1 16.7



#11
Acenaphthene
Concen: 1.607 ng/ul
RT: 14.373 min Scan# 2495
Delta R.T. -0.002 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

Tgt Ion:153 Resp: 49999
Ion Ratio Lower Upper
153 100
152 49.8 38.3 57.5
154 89.0 71.1 106.7

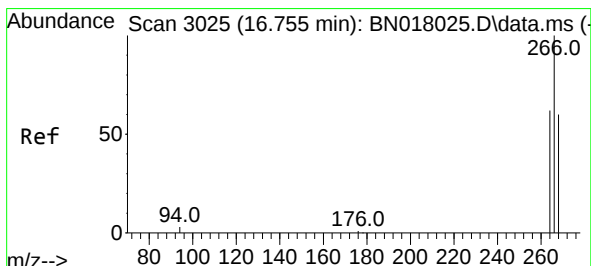
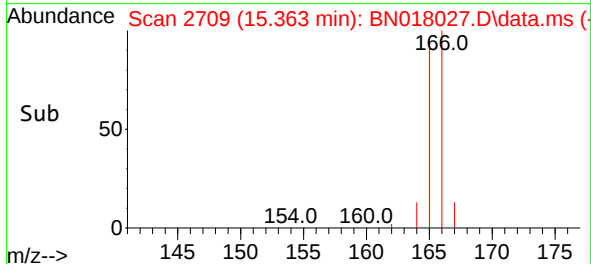
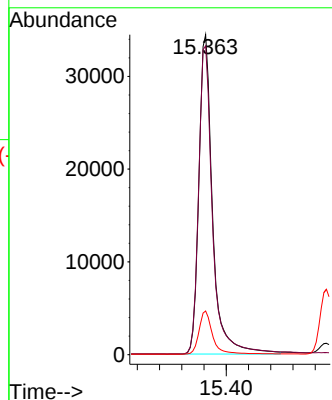
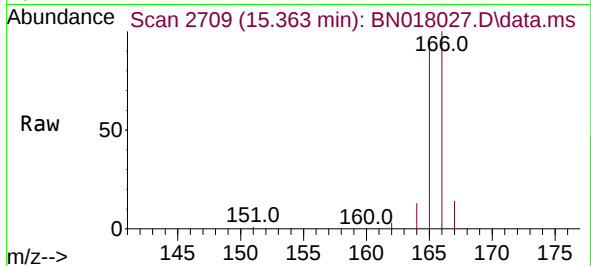




#12
Fluorene
Concen: 1.609 ng/ul
RT: 15.363 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

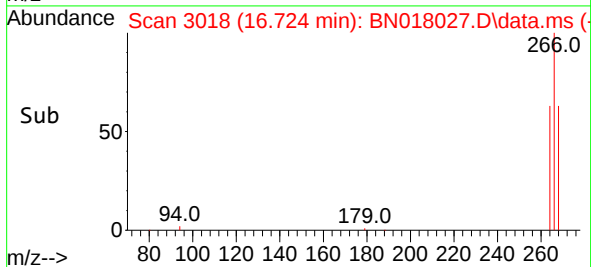
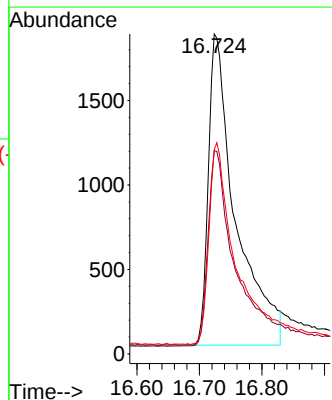
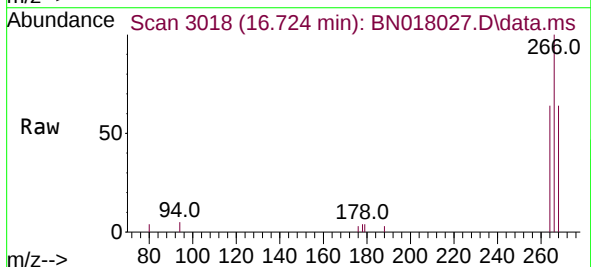
Instrument :
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ClientSampleId :
SSTD1.6247

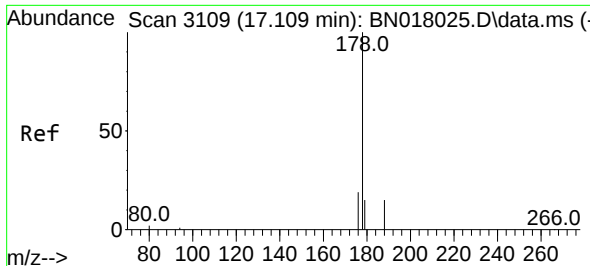
Tgt Ion:166 Resp: 59310
Ion Ratio Lower Upper
166 100
165 96.5 79.2 118.8
167 13.6 11.2 16.8



#14
Pentachlorophenol
Concen: 1.302 ng/ul
RT: 16.724 min Scan# 3018
Delta R.T. -0.031 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

Tgt Ion:266 Resp: 5576
Ion Ratio Lower Upper
266 100
264 62.1 50.3 75.5
268 63.5 52.2 78.4

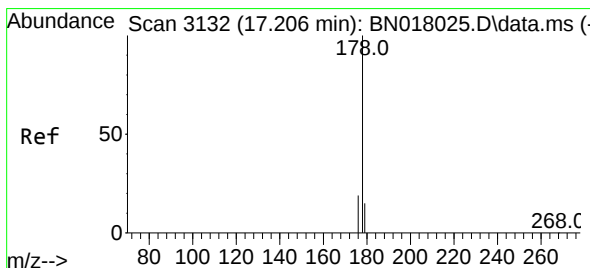
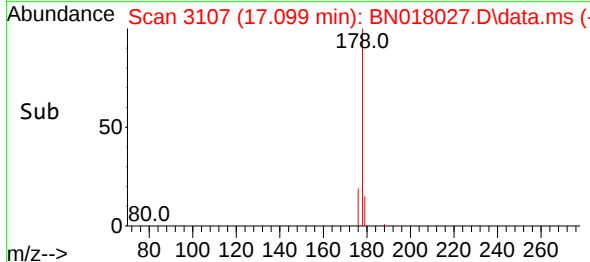
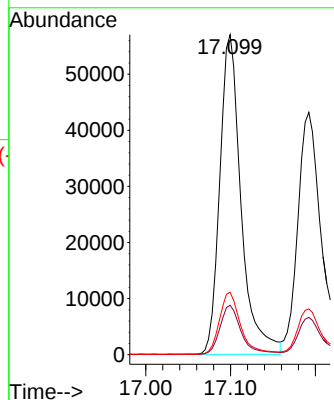
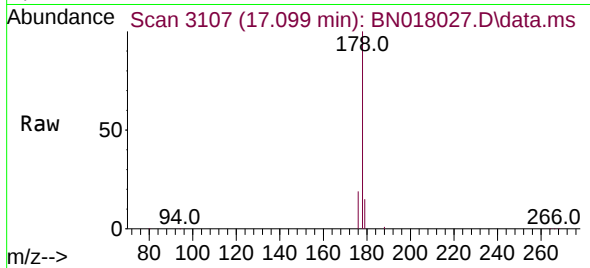




#15
Phenanthrene
Concen: 1.689 ng/ul
RT: 17.099 min Scan# 3109
Delta R.T. -0.010 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

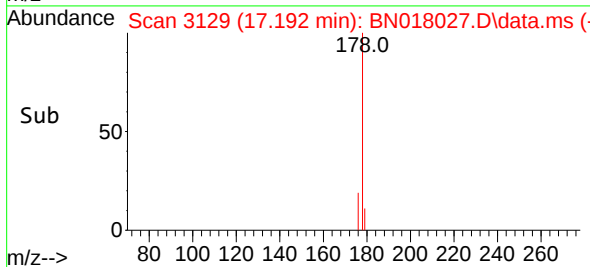
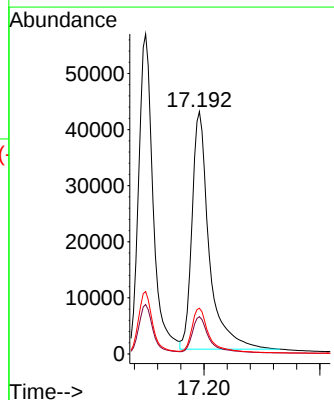
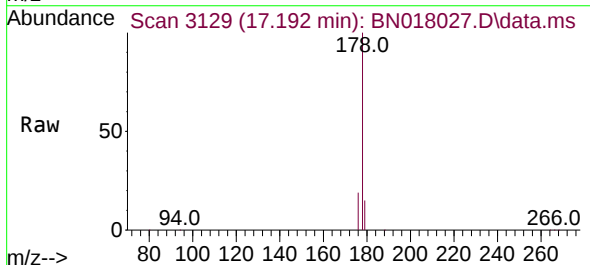
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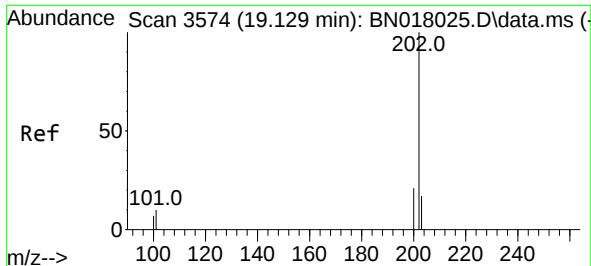
Tgt Ion:178 Resp: 99375
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.5 15.6 23.4



#16
Anthracene
Concen: 1.469 ng/ul
RT: 17.192 min Scan# 3129
Delta R.T. -0.014 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

Tgt Ion:178 Resp: 86913
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 18.9 15.1 22.7

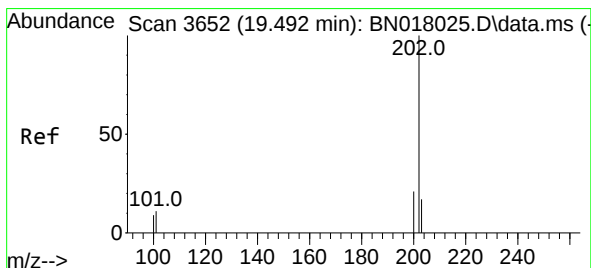
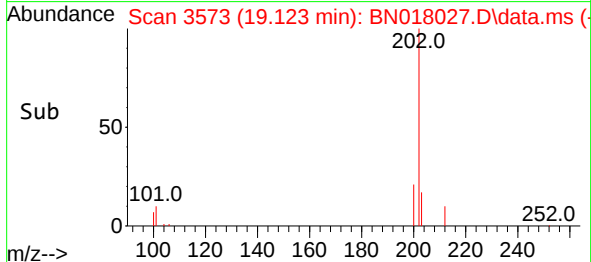
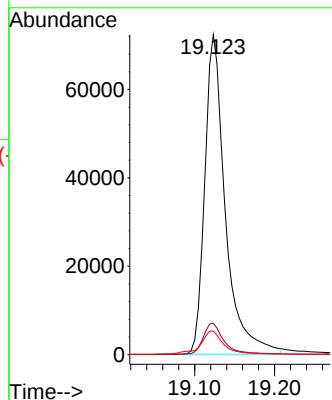
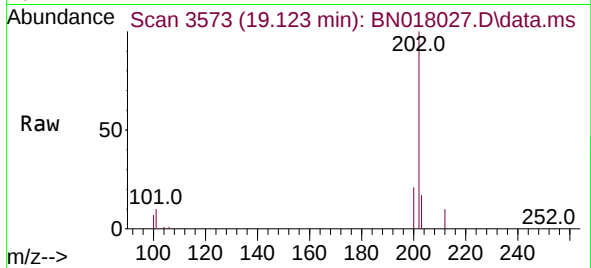




#19
Fluoranthene
Concen: 1.368 ng/ul
RT: 19.123 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

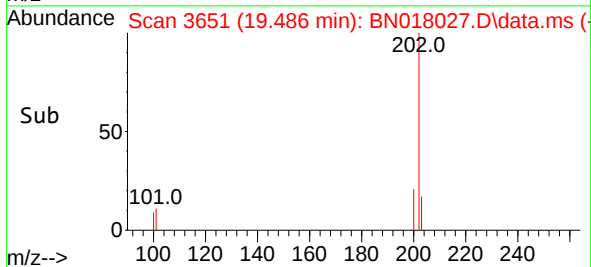
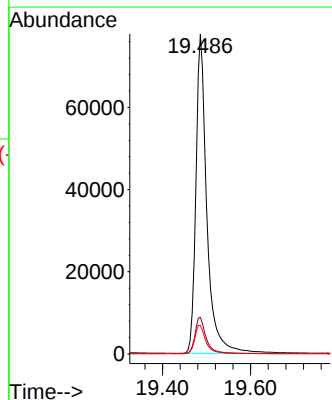
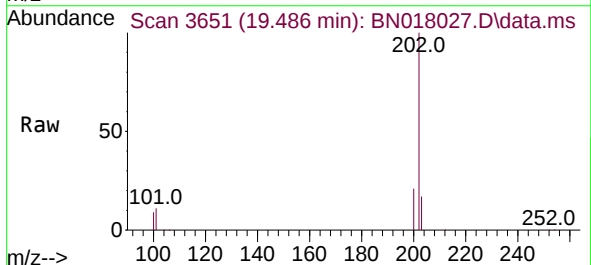
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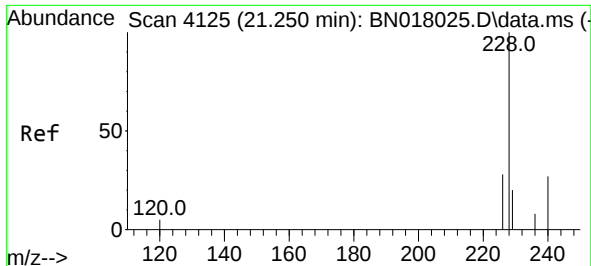
Tgt Ion:202 Resp: 129341
Ion Ratio Lower Upper
202 100
101 9.8 9.0 13.4
100 7.4 6.8 10.2



#20
Pyrene
Concen: 1.390 ng/ul
RT: 19.486 min Scan# 3651
Delta R.T. -0.006 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

Tgt Ion:202 Resp: 134367
Ion Ratio Lower Upper
202 100
101 11.4 11.4 17.2
100 8.9 9.4 14.0#

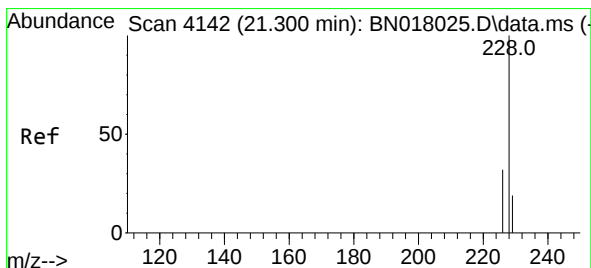
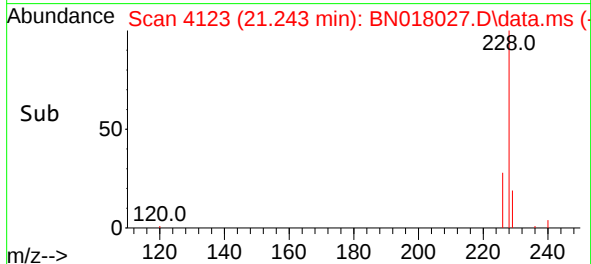
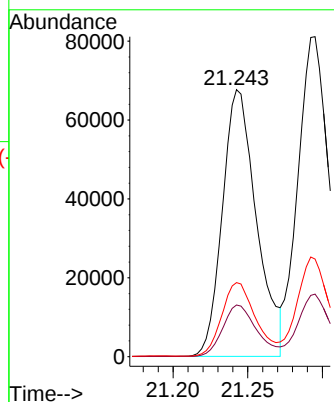
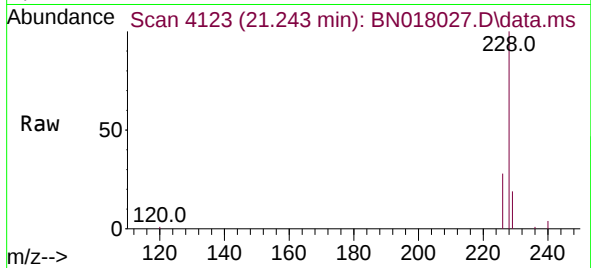




#21
Benzo(a)anthracene
Concen: 1.419 ng/ul
RT: 21.243 min Scan# 4112
Delta R.T. -0.007 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

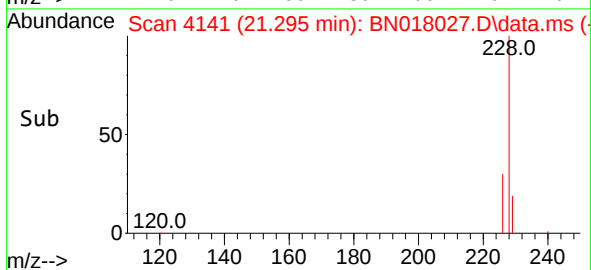
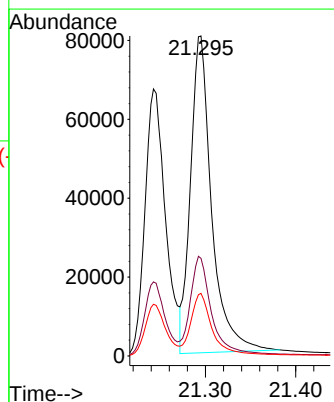
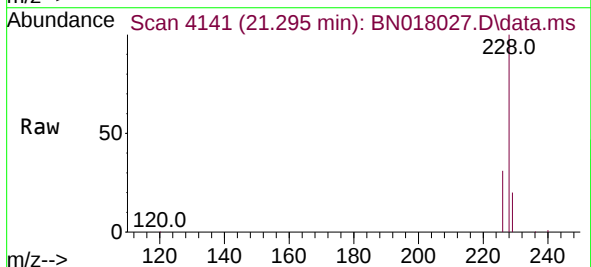
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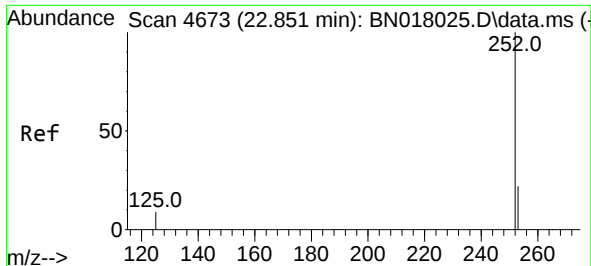
Tgt Ion:228 Resp: 107588
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.6
226 27.8 21.8 32.8



#22
Chrysene
Concen: 1.718 ng/ul
RT: 21.295 min Scan# 4141
Delta R.T. -0.004 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

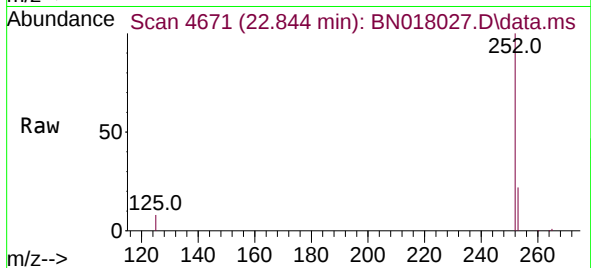
Tgt Ion:228 Resp: 130397
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 19.6 15.7 23.5



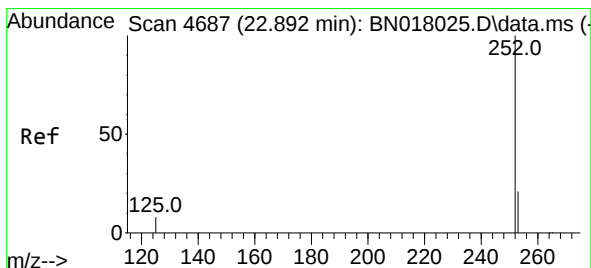
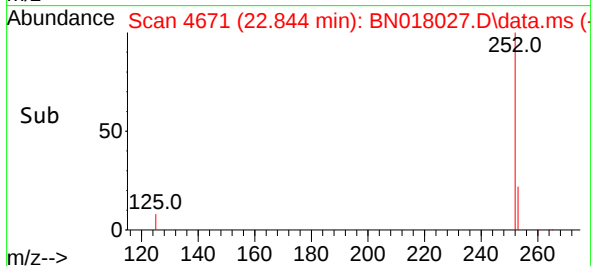
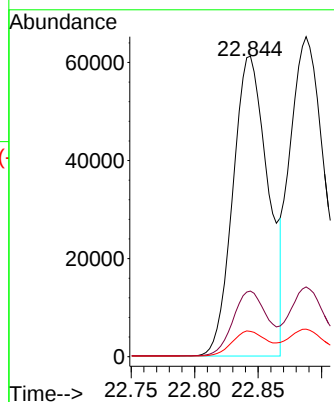


#24
Benzo(b)fluoranthene
Concen: 1.640 ng/ul
RT: 22.844 min Scan# 4671
Delta R.T. -0.007 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

Instrument :
BNA_N
ClientSampleId :
SSTD1.6247

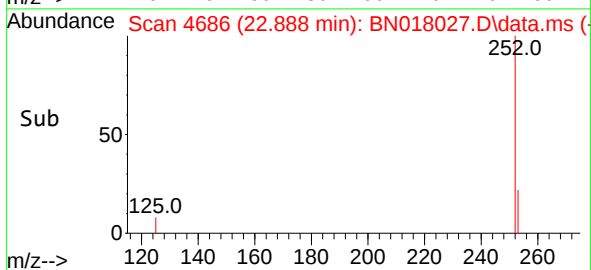
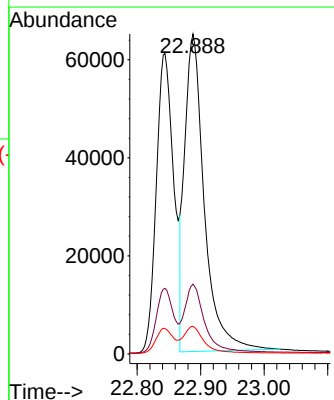
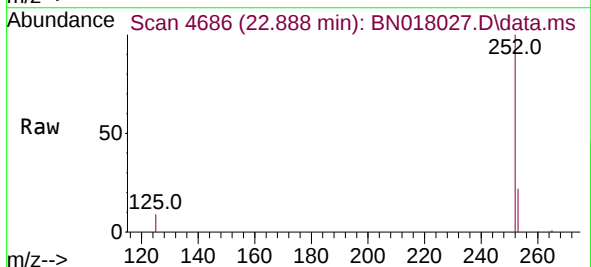


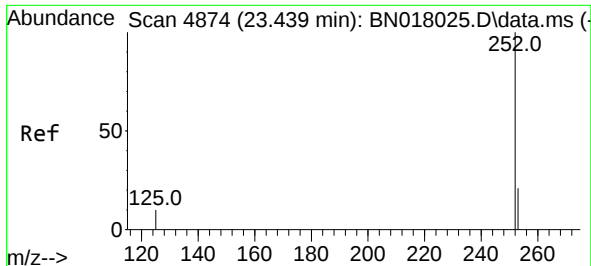
Tgt Ion:252 Resp: 118190
Ion Ratio Lower Upper
252 100
253 21.8 0.0 57.6
125 8.4 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 1.867 ng/ul
RT: 22.888 min Scan# 4686
Delta R.T. -0.004 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

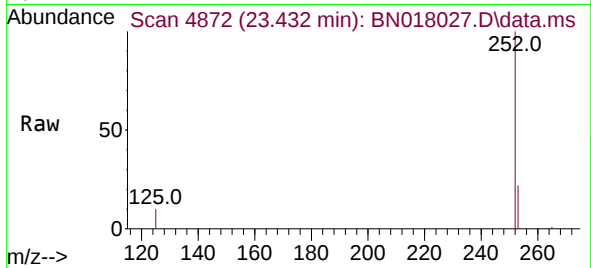
Tgt Ion:252 Resp: 138686
Ion Ratio Lower Upper
252 100
253 21.8 23.1 34.7#
125 8.6 17.1 25.7#



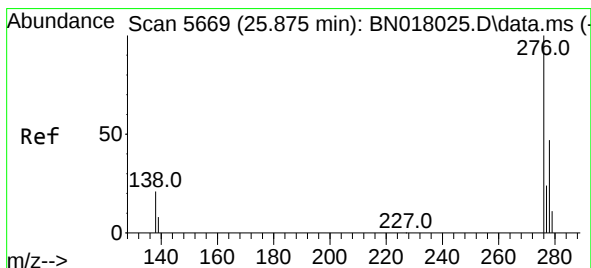
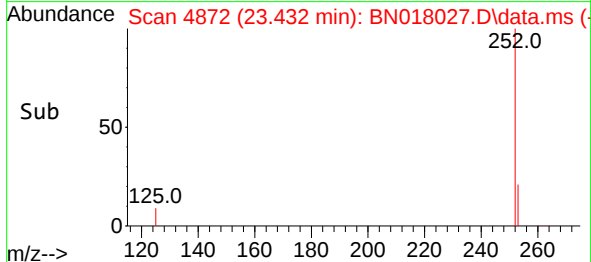
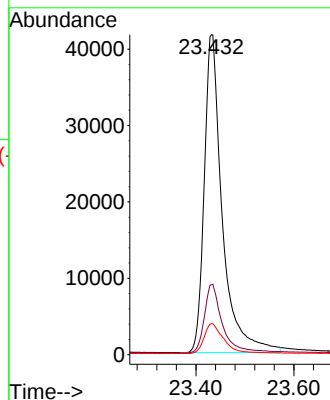


#26
Benzo(a)pyrene
Concen: 1.765 ng/ul
RT: 23.432 min Scan# 4872
Delta R.T. -0.007 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

Instrument :
BNA_N
ClientSampleId :
SSTD1.6247

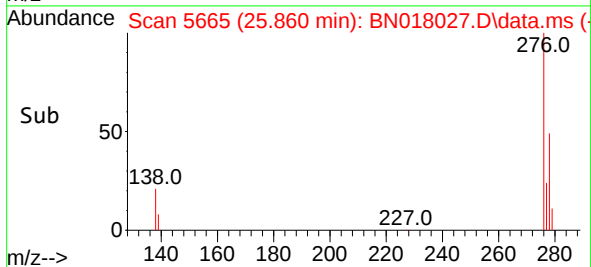
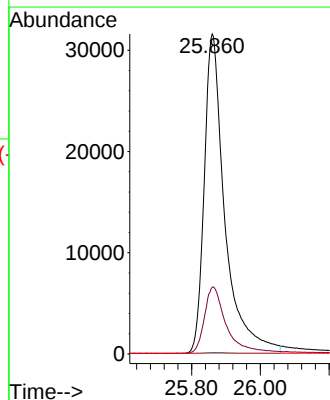
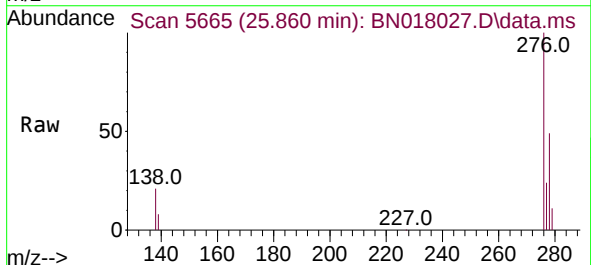


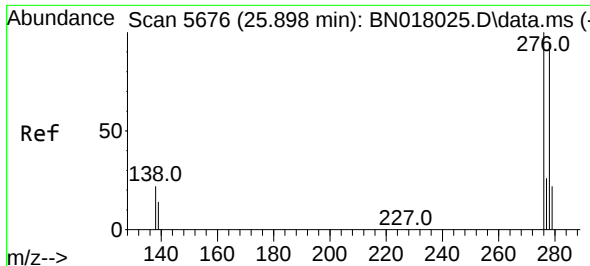
Tgt Ion:252 Resp: 106293
Ion Ratio Lower Upper
252 100
253 21.9 25.0 37.4#
125 9.7 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.589 ng/ul
RT: 25.860 min Scan# 5665
Delta R.T. -0.015 min
Lab File: BN018027.D
Acq: 15 Dec 2021 16:27

Tgt Ion:276 Resp: 131601
Ion Ratio Lower Upper
276 100
138 22.1 0.1 0.1#
227 0.2 0.0 0.0#

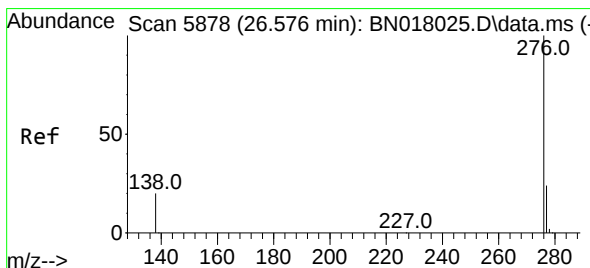
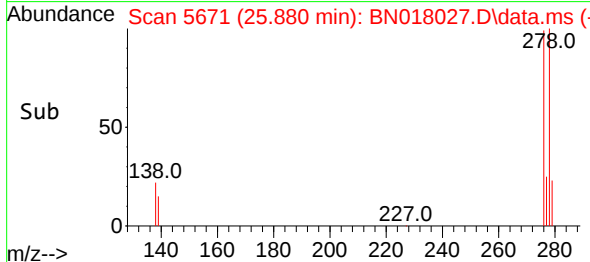
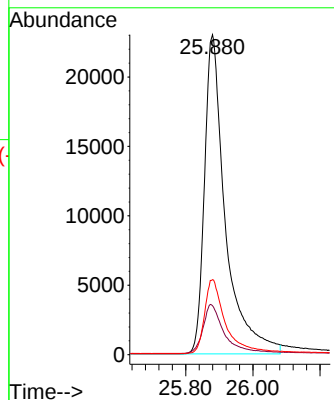
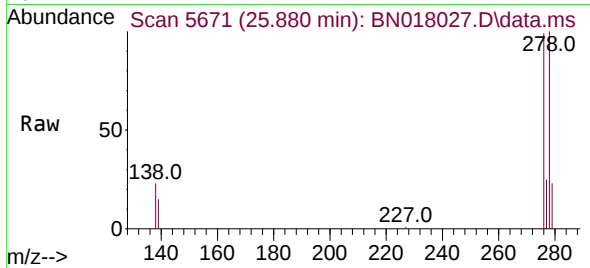




#28
 Dibenzo(a,h)anthracene
 Concen: 2.624 ng/ul
 RT: 25.880 min Scan# 5676
 Delta R.T. -0.018 min
 Lab File: BN018027.D
 Acq: 15 Dec 2021 16:27

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6247

Tgt Ion:278 Resp: 99212
 Ion Ratio Lower Upper
 278 100
 139 15.3 21.8 32.8#
 279 23.4 26.3 39.5#



#29
 Benzo(g,h,i)perylene
 Concen: 2.331 ng/ul
 RT: 26.571 min Scan# 5877
 Delta R.T. -0.005 min
 Lab File: BN018027.D
 Acq: 15 Dec 2021 16:27

Tgt Ion:276 Resp: 108395
 Ion Ratio Lower Upper
 276 100
 138 19.3 24.5 36.7#
 277 23.4 21.2 31.8

