

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018034.D
 Acq On : 15 Dec 2021 20:56
 Operator : CG/JU
 Sample : M4995-11MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW5Q3MS

Quant Time: Dec 16 04:37:57 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)

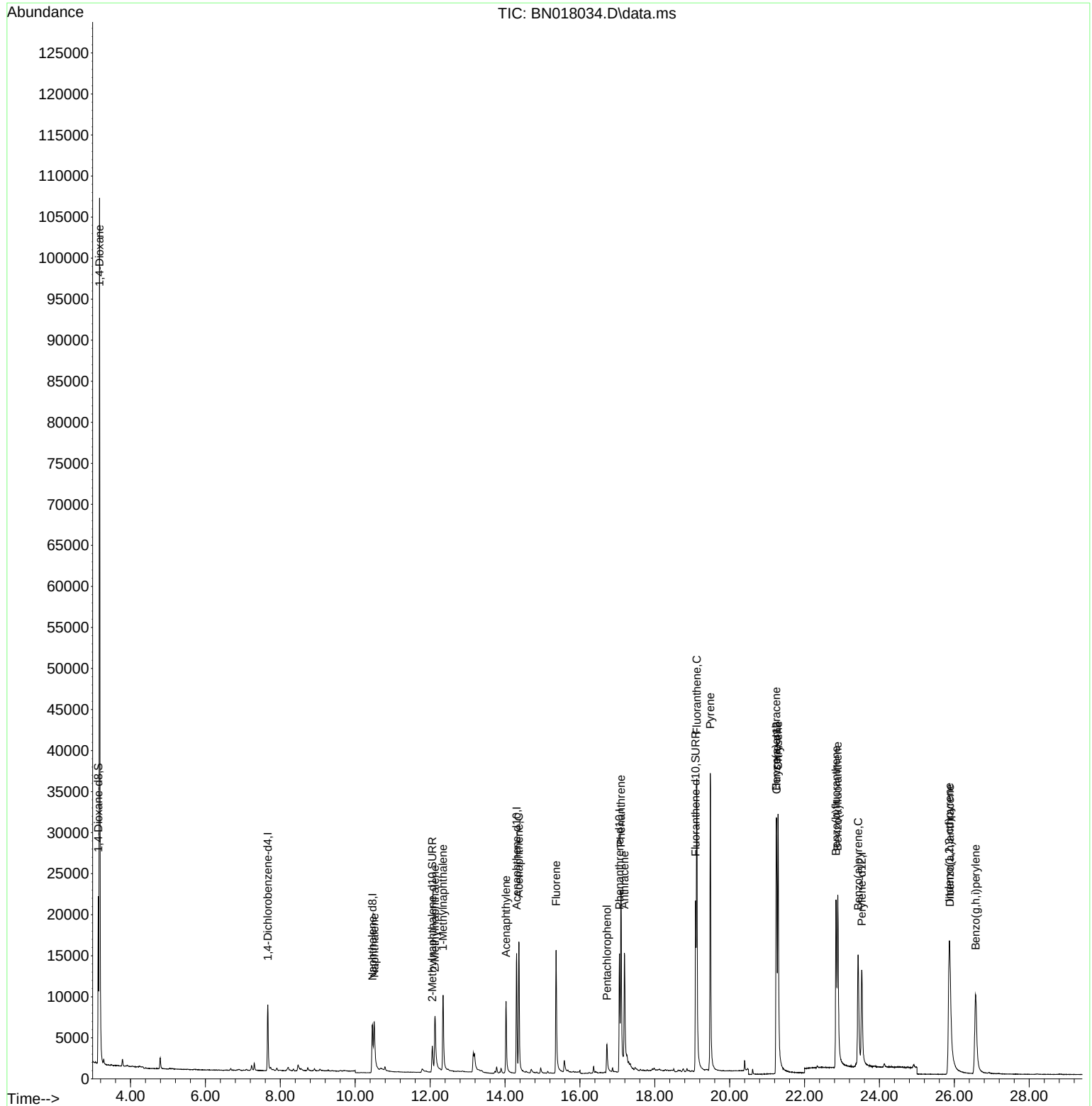
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	4731	0.400	ng/ul	0.00
4) Naphthalene-d8	10.460	136	13923	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.310	164	9240	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.059	188	20700	0.400	ng/ul	0.00
17) Chrysene-d12	21.256	240	20585	0.400	ng/ul	# 0.00
23) Perylene-d12	23.527	264	18374	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	12291	2.503	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.060	152	6473	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.092	212	28814	0.491	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.173	88	68980	11.959	ng/ul#	41
5) Naphthalene	10.509	128	12353	0.324	ng/ul	98
7) 2-Methylnaphthalene	12.132	142	7565	0.353	ng/ul	99
8) 1-Methylnaphthalene	12.346	142	8200	0.329	ng/ul	99
10) Acenaphthylene	14.027	152	12783	0.341	ng/ul	100
11) Acenaphthene	14.370	153	11054	0.332	ng/ul	98
12) Fluorene	15.364	166	12897	0.352	ng/ul	99
14) Pentachlorophenol	16.721	266	3652	1.008	ng/ul	99
15) Phenanthrene	17.097	178	27826	0.388	ng/ul	99
16) Anthracene	17.190	178	21466	0.380	ng/ul	99
19) Fluoranthene	19.120	202	36041	0.434	ng/ul	98
20) Pyrene	19.483	202	38021	0.409	ng/ul	94
21) Benzo(a)anthracene	21.241	228	28218	0.461	ng/ul	99
22) Chrysene	21.291	228	34702	0.395	ng/ul	99
24) Benzo(b)fluoranthene	22.840	252	30692	0.418	ng/ul	85
25) Benzo(k)fluoranthene	22.886	252	36723	0.375	ng/ul#	83
26) Benzo(a)pyrene	23.430	252	28432	0.401	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.862	276	32722	0.410	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.882	278	24462	0.419	ng/ul#	83
29) Benzo(g,h,i)perylene	26.566	276	28365	0.414	ng/ul#	88

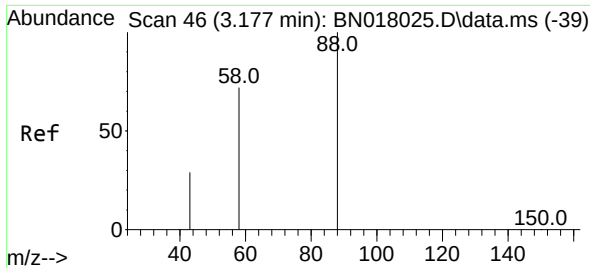
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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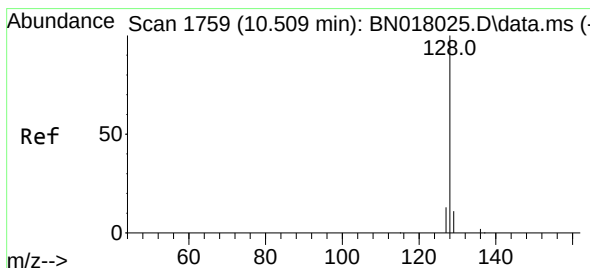
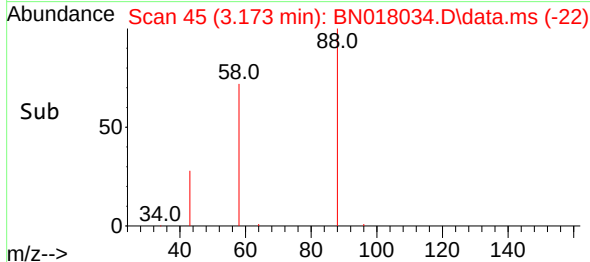
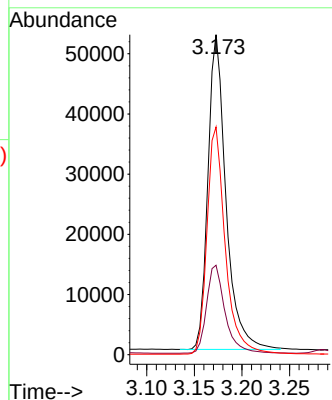
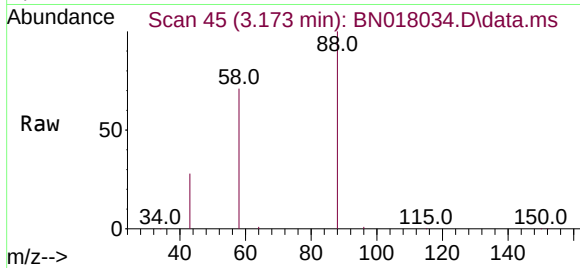




#2
 1,4-Dioxane
 Concen: 11.959 ng/ul
 RT: 3.173 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN018034.D
 Acq: 15 Dec 2021 20:56

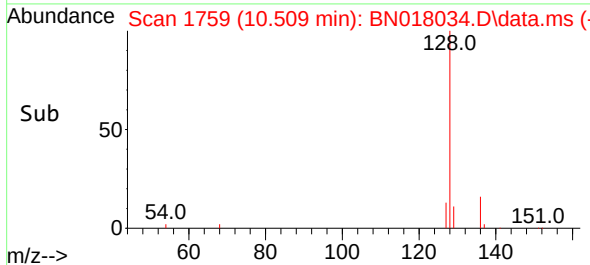
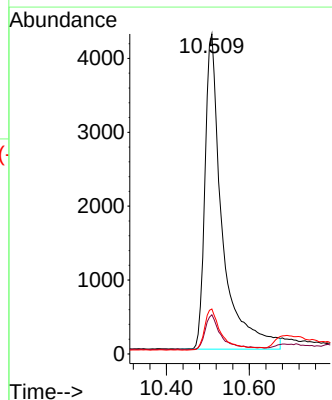
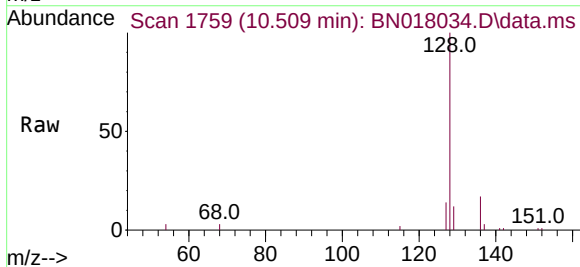
Instrument :
 BNA_N
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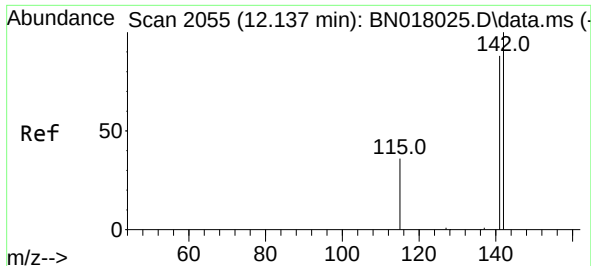
Tgt Ion: 88 Resp: 68980
 Ion Ratio Lower Upper
 88 100
 43 27.9 85.8 128.6#
 58 71.2 43.4 65.0#



#5
 Naphthalene
 Concen: 0.324 ng/ul
 RT: 10.509 min Scan# 1759
 Delta R.T. 0.000 min
 Lab File: BN018034.D
 Acq: 15 Dec 2021 20:56

Tgt Ion:128 Resp: 12353
 Ion Ratio Lower Upper
 128 100
 129 12.3 10.4 15.6
 127 14.1 11.8 17.6

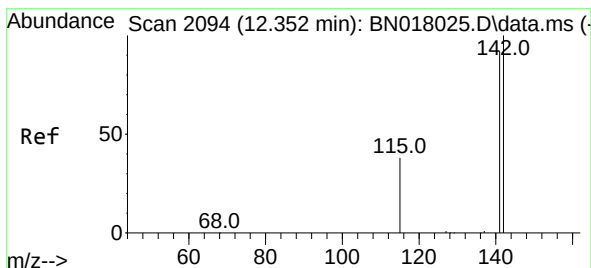
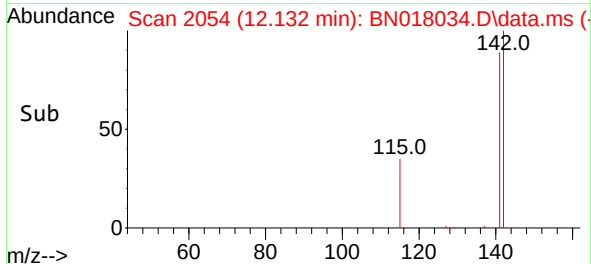
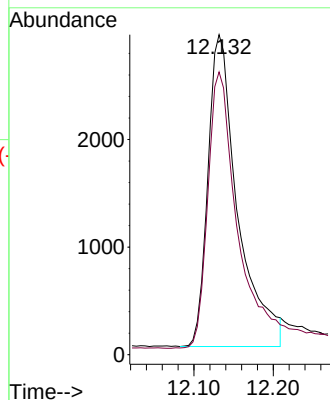
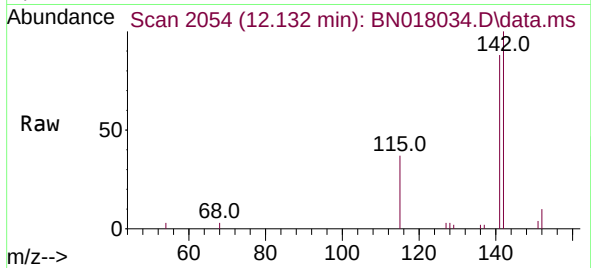




#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.132 min Scan# 2054
Delta R.T. -0.005 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

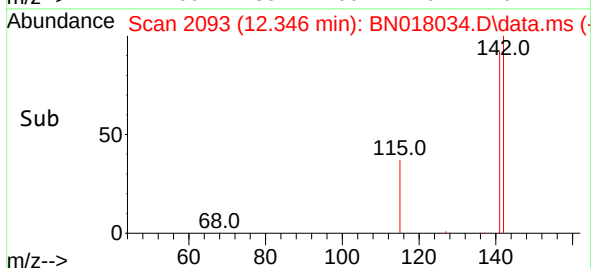
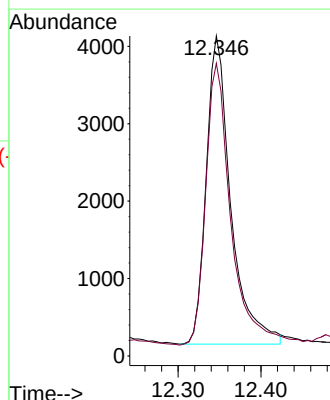
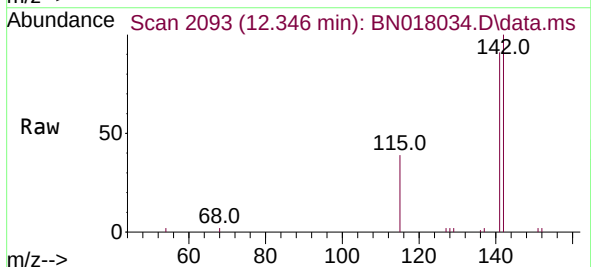
Instrument :
BNA_N
ClientSampleId :
EW5Q3MS

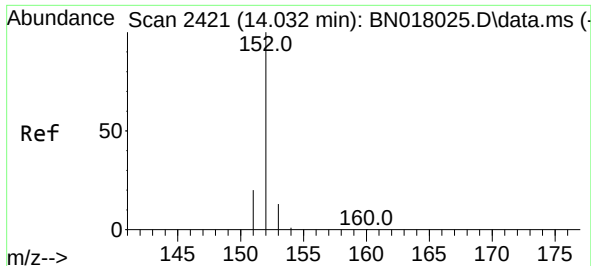
Tgt Ion:142 Resp: 7565
Ion Ratio Lower Upper
142 100
141 88.7 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.346 min Scan# 2093
Delta R.T. -0.005 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

Tgt Ion:142 Resp: 8200
Ion Ratio Lower Upper
142 100
141 92.7 73.3 109.9

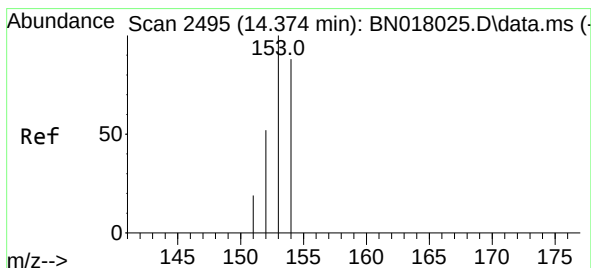
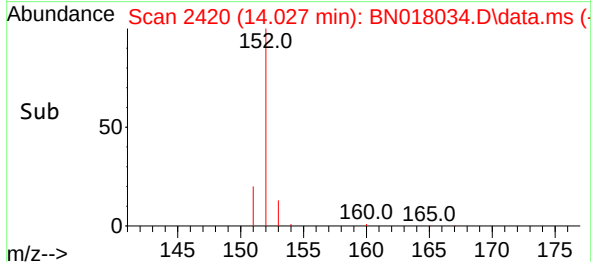
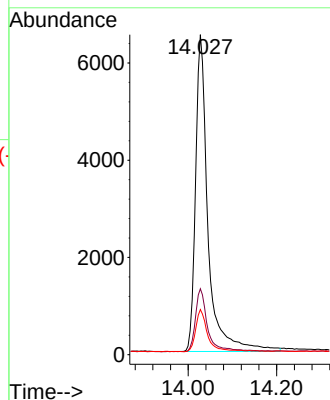
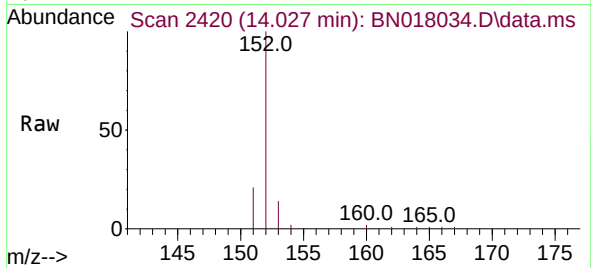




#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.027 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

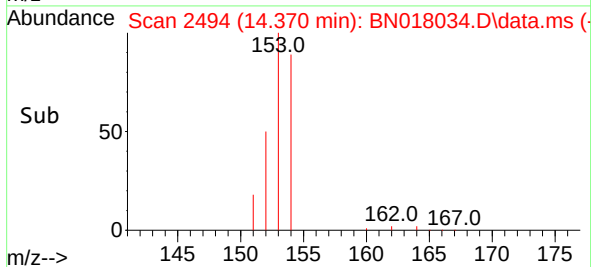
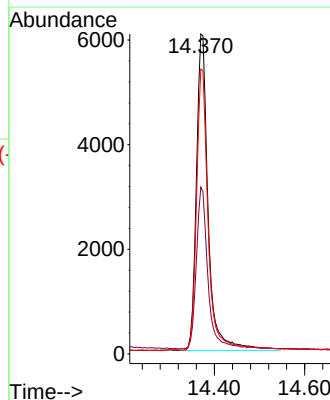
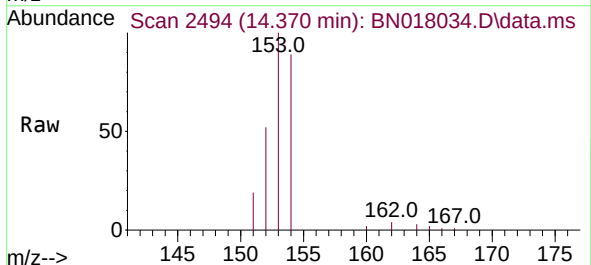
Instrument :
BNA_N
ClientSampleId :
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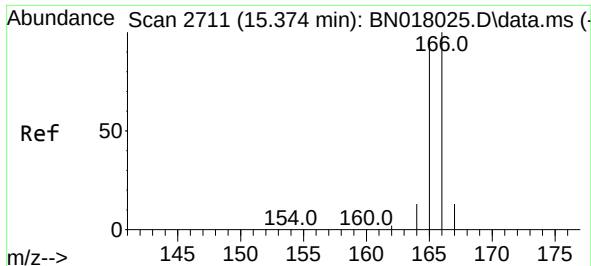
Tgt Ion:152 Resp: 12783
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.332 ng/ul
RT: 14.370 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

Tgt Ion:153 Resp: 11054
Ion Ratio Lower Upper
153 100
152 52.1 38.3 57.5
154 89.1 71.1 106.7

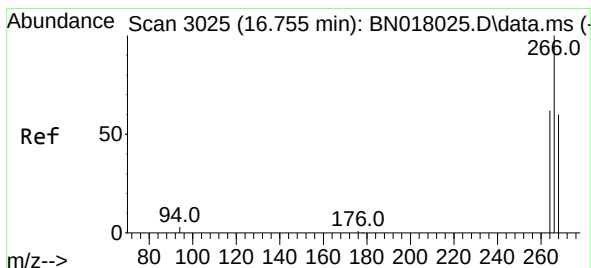
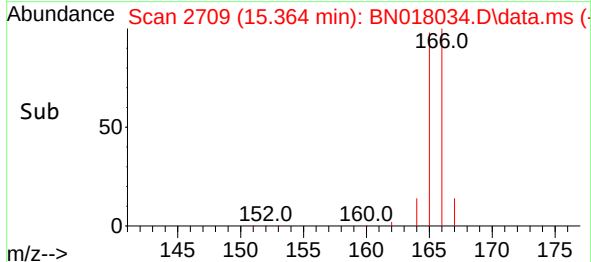
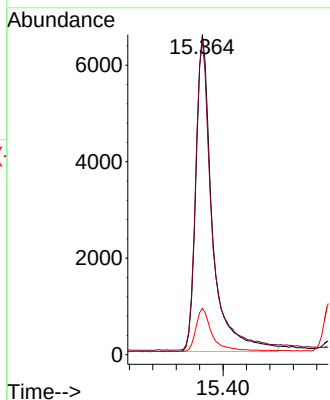
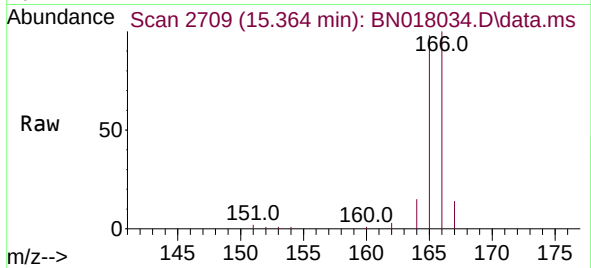




#12
Fluorene
Concen: 0.352 ng/ul
RT: 15.364 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

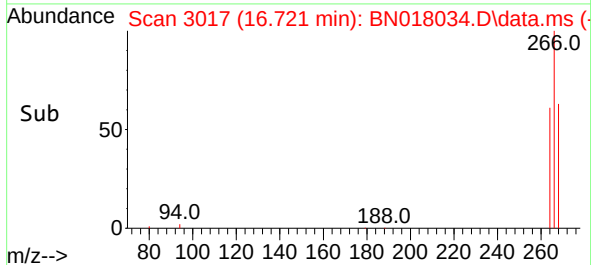
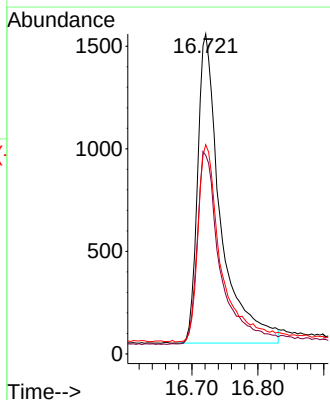
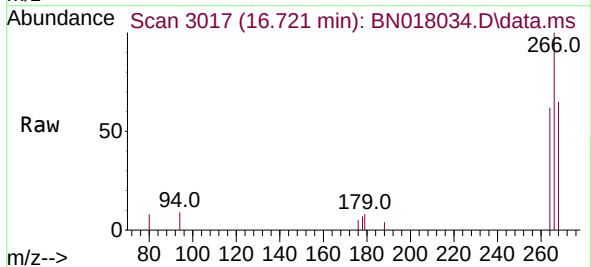
Instrument :
BNA_N
ClientSampleId :
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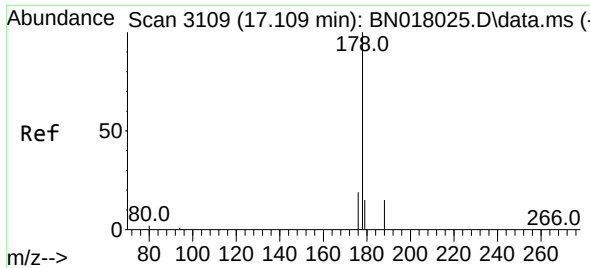
Tgt Ion:166 Resp: 12897
Ion Ratio Lower Upper
166 100
165 98.3 79.2 118.8
167 14.4 11.2 16.8



#14
Pentachlorophenol
Concen: 1.008 ng/ul
RT: 16.721 min Scan# 3017
Delta R.T. -0.034 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

Tgt Ion:266 Resp: 3652
Ion Ratio Lower Upper
266 100
264 63.3 50.3 75.5
268 63.9 52.2 78.4

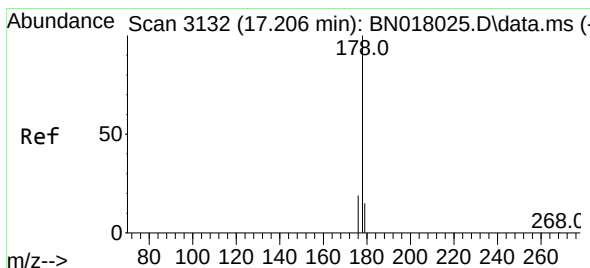
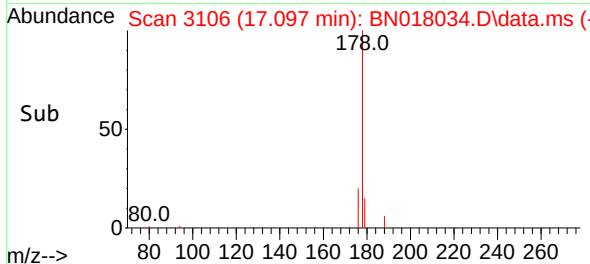
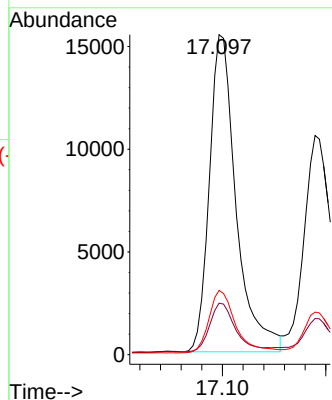
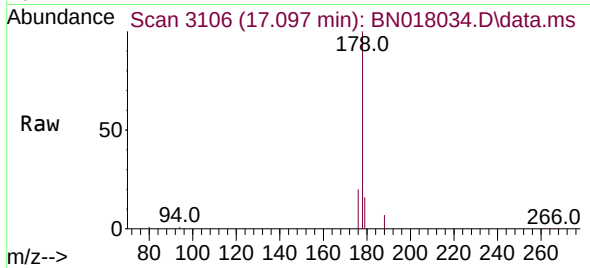




#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 17.097 min Scan# 3109
Delta R.T. -0.013 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

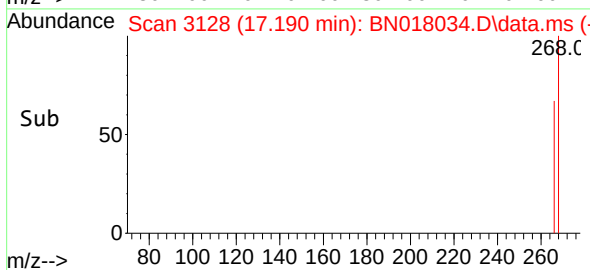
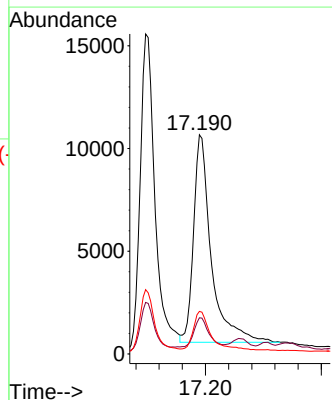
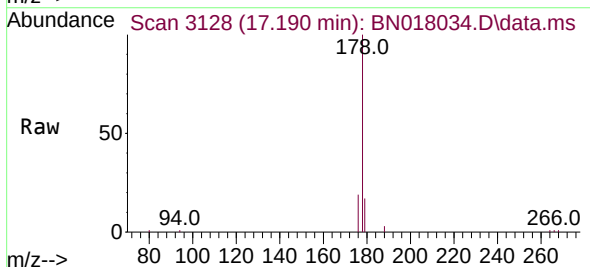
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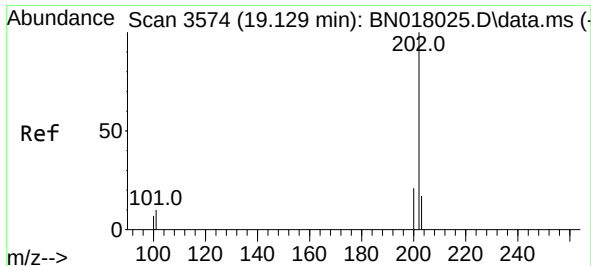
Tgt Ion:	178	Resp:	27826
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.0	19.4
176	20.1	15.6	23.4



#16
Anthracene
Concen: 0.380 ng/ul
RT: 17.190 min Scan# 3128
Delta R.T. -0.017 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

Tgt Ion:	178	Resp:	21466
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.3	19.9
176	19.4	15.1	22.7

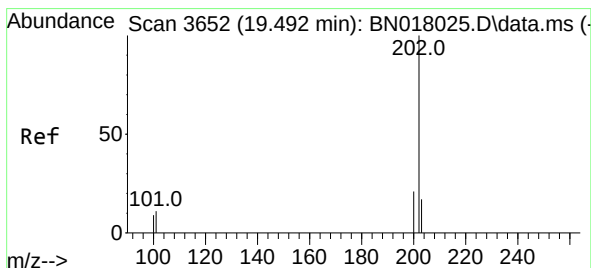
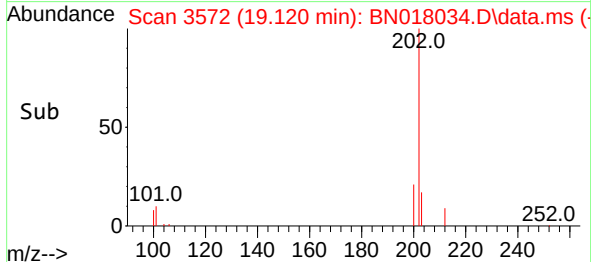
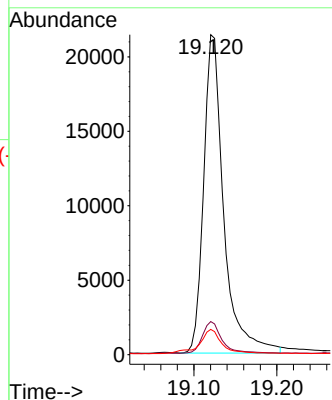
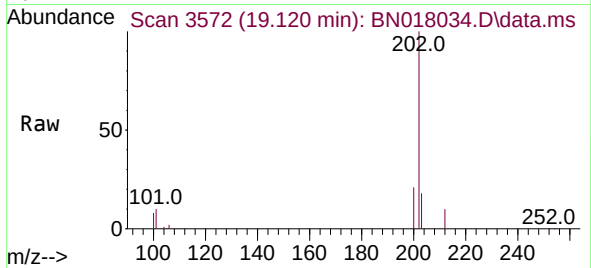




#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 19.120 min Scan# 3572
Delta R.T. -0.009 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

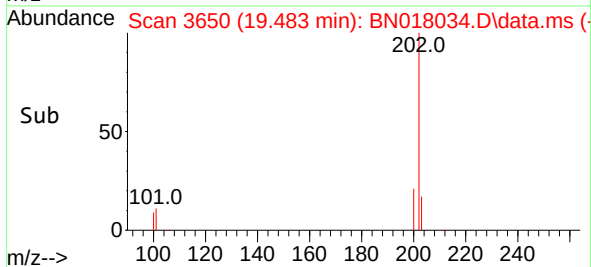
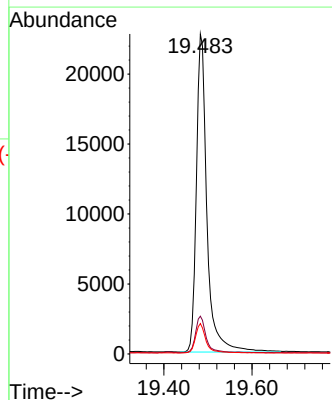
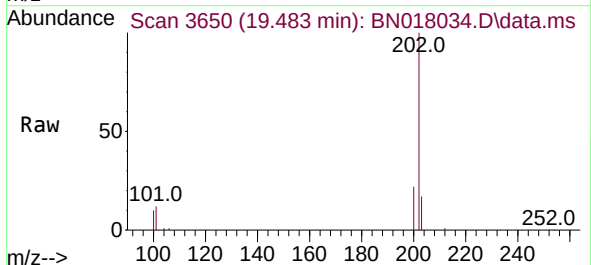
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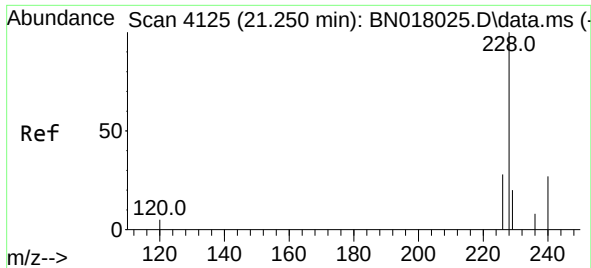
Tgt Ion:202 Resp: 36041
Ion Ratio Lower Upper
202 100
101 10.4 9.0 13.4
100 7.9 6.8 10.2



#20
Pyrene
Concen: 0.409 ng/ul
RT: 19.483 min Scan# 3650
Delta R.T. -0.009 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

Tgt Ion:202 Resp: 38021
Ion Ratio Lower Upper
202 100
101 11.8 11.4 17.2
100 9.5 9.4 14.0

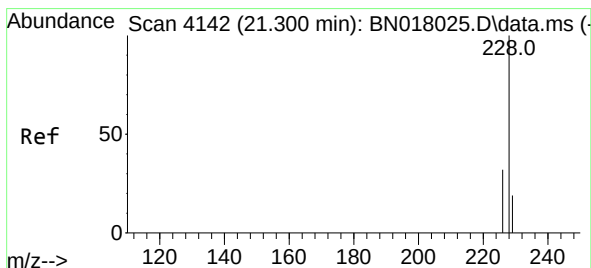
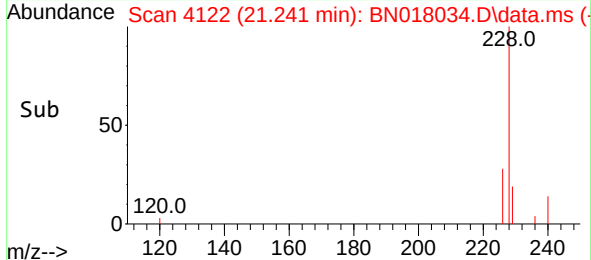
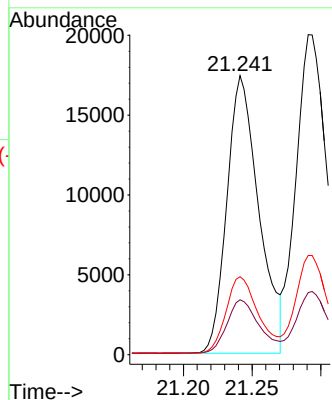
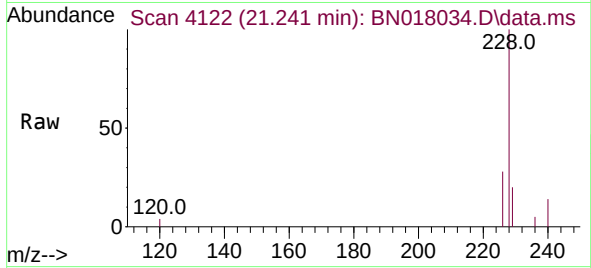




#21
Benzo(a)anthracene
Concen: 0.461 ng/ul
RT: 21.241 min Scan# 4139
Delta R.T. -0.009 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

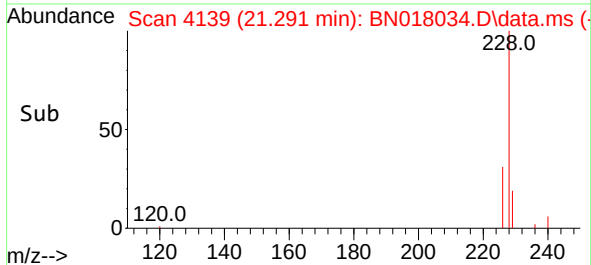
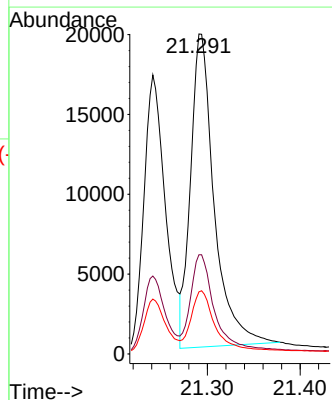
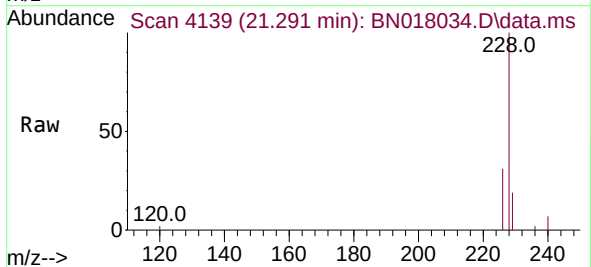
Instrument :
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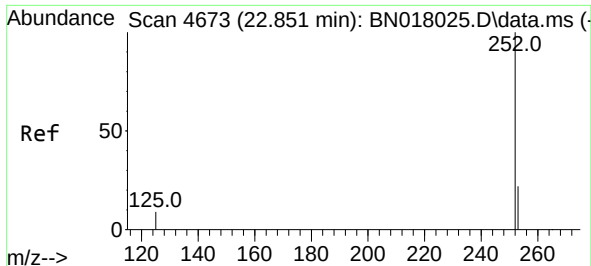
Tgt Ion:228 Resp: 28218
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 28.0 21.8 32.8



#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.291 min Scan# 4139
Delta R.T. -0.009 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

Tgt Ion:228 Resp: 34702
Ion Ratio Lower Upper
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226 31.0 23.9 35.9
229 19.4 15.7 23.5

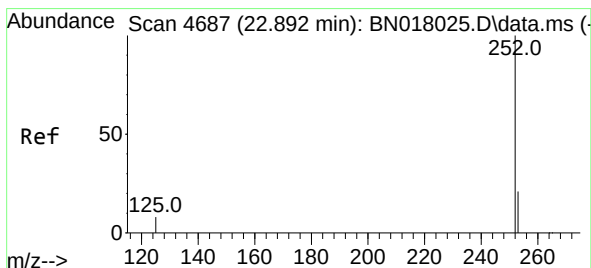
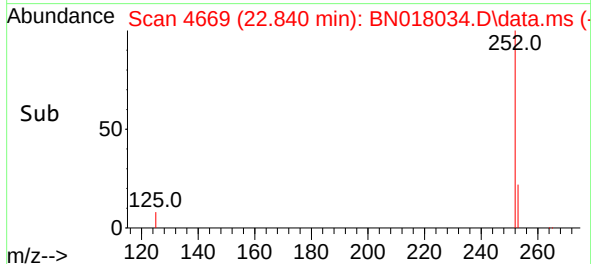
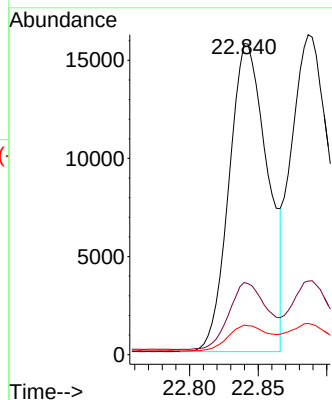
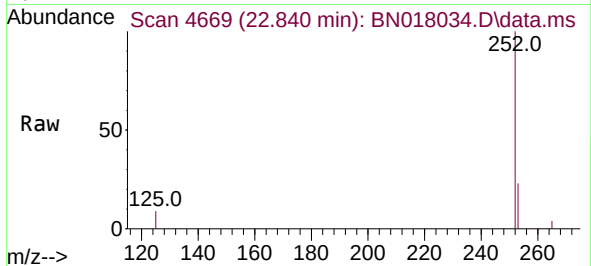




#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul
RT: 22.840 min Scan# 4669
Delta R.T. -0.012 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

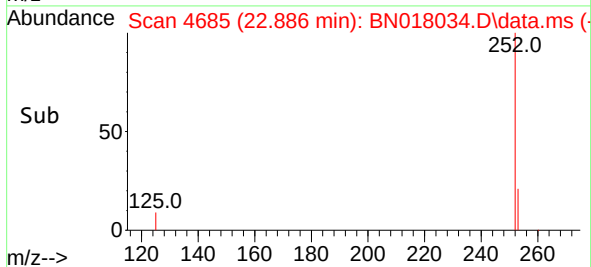
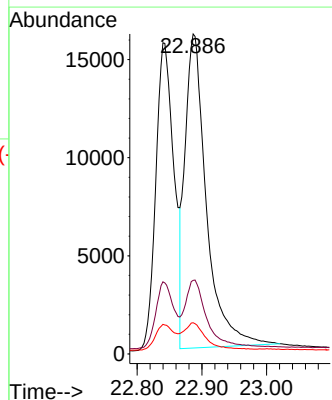
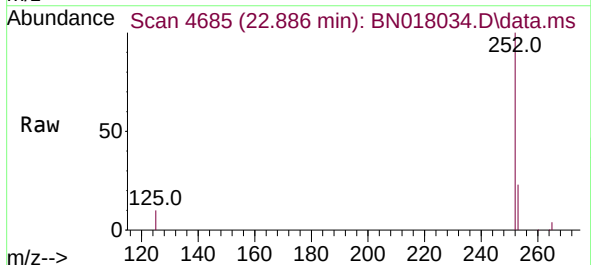
Instrument :
BNA_N
ClientSampleId :
EW5Q3MS

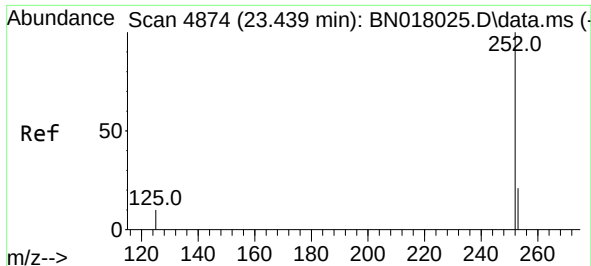
Tgt Ion:252 Resp: 30692
Ion Ratio Lower Upper
252 100
253 23.2 0.0 57.6
125 9.5 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 22.886 min Scan# 4685
Delta R.T. -0.006 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

Tgt Ion:252 Resp: 36723
Ion Ratio Lower Upper
252 100
253 23.0 23.1 34.7#
125 9.7 17.1 25.7#

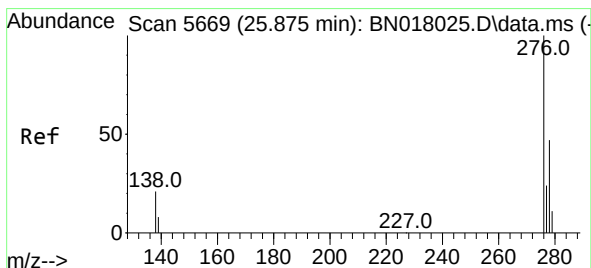
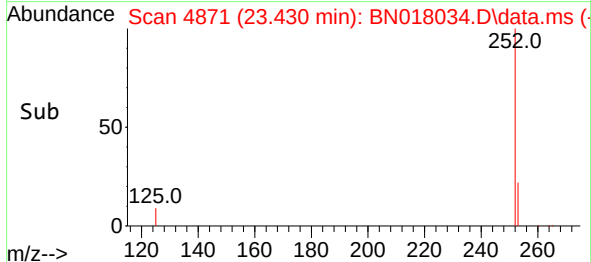
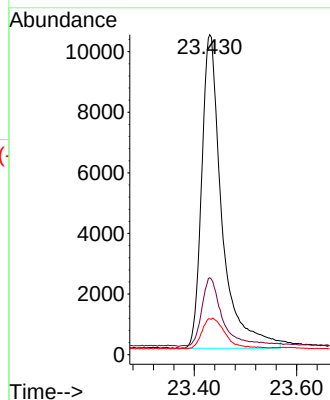
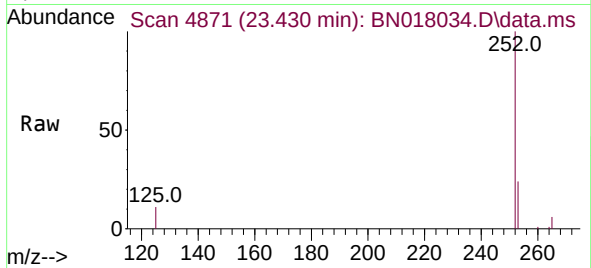




#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.430 min Scan# 4874
Delta R.T. -0.009 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

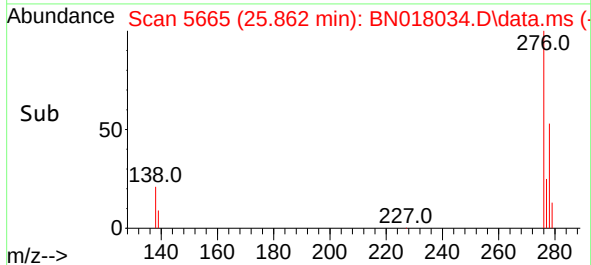
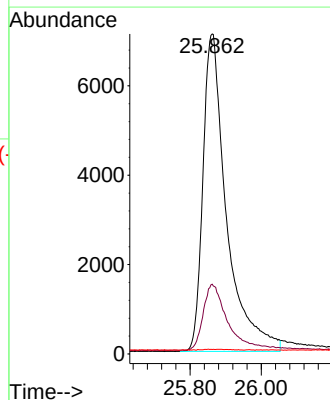
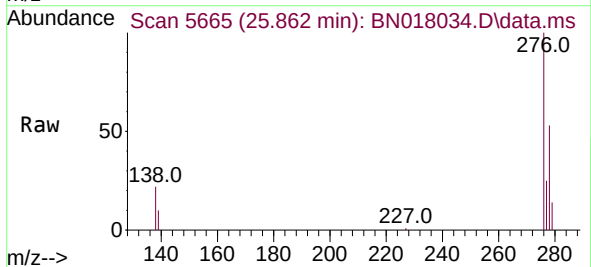
Instrument :
BNA_N
ClientSampleId :
EW5Q3MS

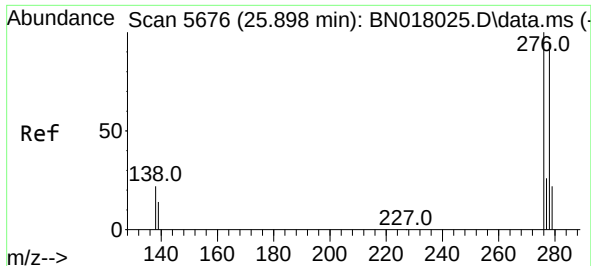
Tgt Ion:252 Resp: 28432
Ion Ratio Lower Upper
252 100
253 24.1 25.0 37.4#
125 11.2 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 25.862 min Scan# 5665
Delta R.T. -0.013 min
Lab File: BN018034.D
Acq: 15 Dec 2021 20:56

Tgt Ion:276 Resp: 32722
Ion Ratio Lower Upper
276 100
138 21.9 0.1 0.1#
227 0.3 0.0 0.0#

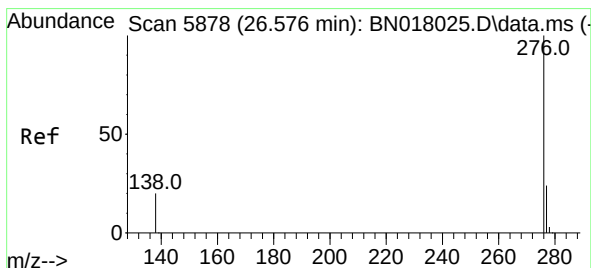
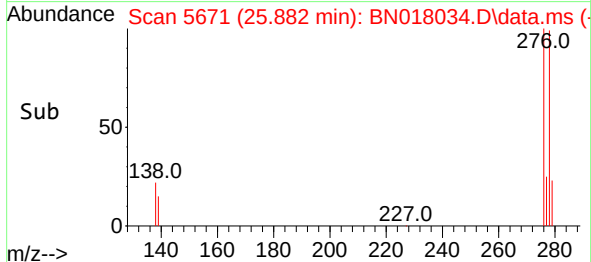
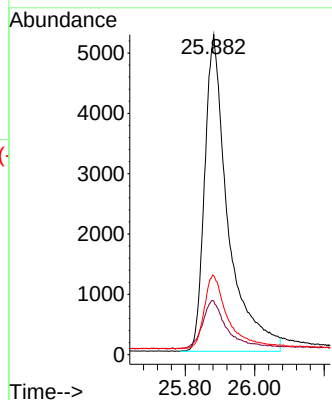
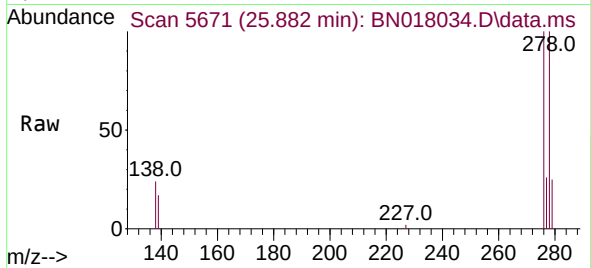




#28
 Dibenzo(a,h)anthracene
 Concen: 0.419 ng/ul
 RT: 25.882 min Scan# 5671
 Delta R.T. -0.016 min
 Lab File: BN018034.D
 Acq: 15 Dec 2021 20:56

Instrument :
 BNA_N
 ClientSampleId :
 EW5Q3MS

Tgt Ion:278 Resp: 24462
 Ion Ratio Lower Upper
 278 100
 139 16.7 21.8 32.8#
 279 24.7 26.3 39.5#



#29
 Benzo(g,h,i)perylene
 Concen: 0.414 ng/ul
 RT: 26.566 min Scan# 5875
 Delta R.T. -0.010 min
 Lab File: BN018034.D
 Acq: 15 Dec 2021 20:56

Tgt Ion:276 Resp: 28365
 Ion Ratio Lower Upper
 276 100
 138 20.2 24.5 36.7#
 277 24.2 21.2 31.8

