

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081222\
 Data File : BN021184.D
 Acq On : 12 Aug 2022 20:56
 Operator : CG/JU
 Sample : PB146950BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 13 01:03:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 09 23:10:06 2022
 Response via : Initial Calibration

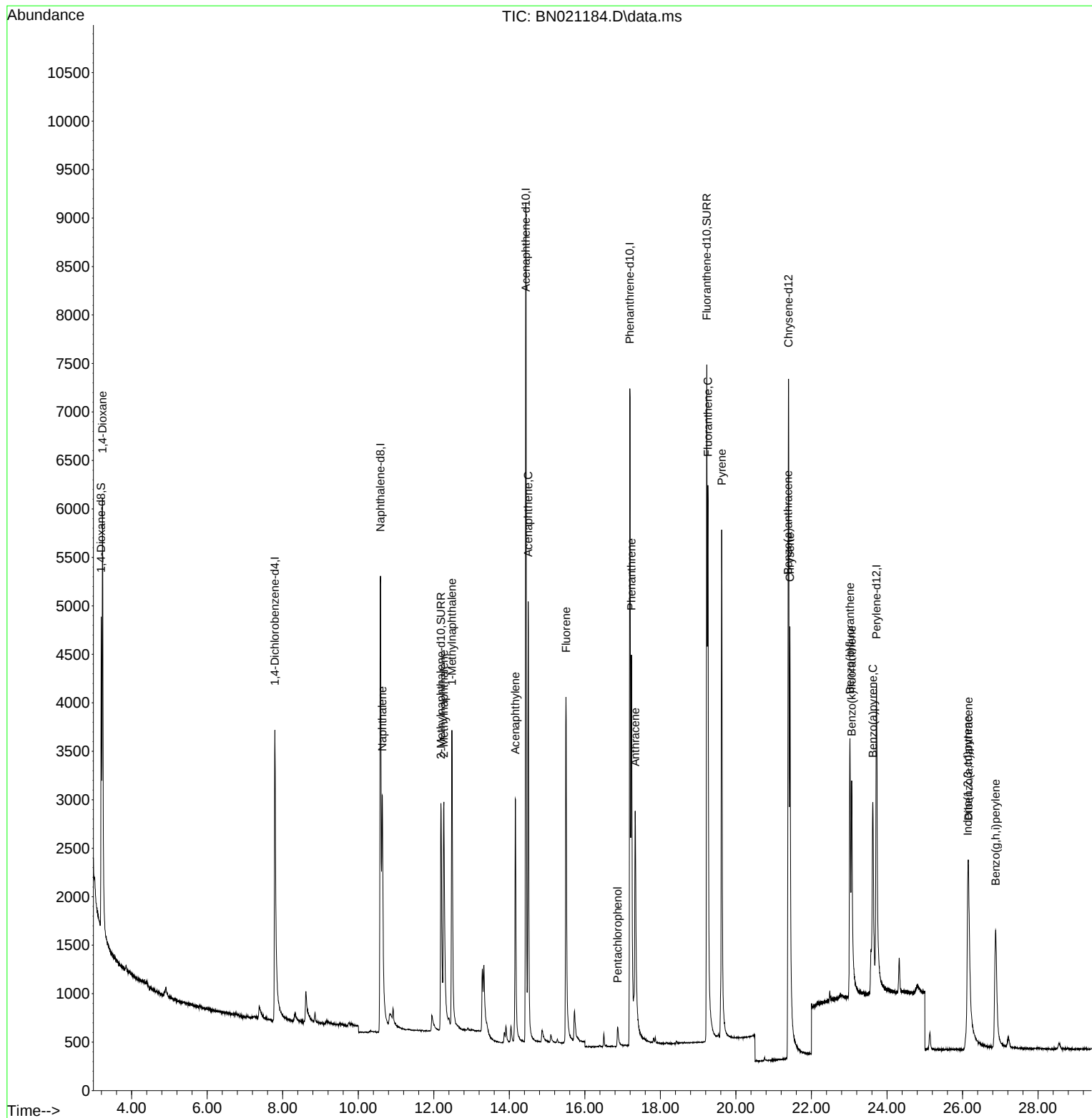
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2596	0.400	ng/ul	0.01
4) Naphthalene-d8	10.590	136	9246	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.437	164	5426	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	9813	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	6851	0.400	ng/ul	0.00
23) Perylene-d12	23.722	264	5349	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	2230	0.671	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	4554	0.336	ng/ul	0.01
18) Fluoranthene-d10	19.229	212	9273	0.438	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	2908	0.850	ng/ul#	94
5) Naphthalene	10.639	128	4208	0.148	ng/ul	97
7) 2-Methylnaphthalene	12.267	142	2462	0.143	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	2798	0.162	ng/ul	100
10) Acenaphthylene	14.159	152	3711	0.146	ng/ul	97
11) Acenaphthene	14.502	153	3032	0.144	ng/ul	99
12) Fluorene	15.501	166	3163	0.138	ng/ul	98
14) Pentachlorophenol	16.866	266	224	0.148	ng/ul	96
15) Phenanthrene	17.234	178	5017	0.143	ng/ul	99
16) Anthracene	17.335	178	3914	0.144	ng/ul	96
19) Fluoranthene	19.262	202	5538	0.183	ng/ul	99
20) Pyrene	19.625	202	5785	0.185	ng/ul	96
21) Benzo(a)anthracene	21.381	228	3335	0.149	ng/ul	97
22) Chrysene	21.430	228	4332	0.147	ng/ul	98
24) Benzo(b)fluoranthene	23.020	252	3623	0.146	ng/ul	82
25) Benzo(k)fluoranthene	23.067	252	3938	0.151	ng/ul#	88
26) Benzo(a)pyrene	23.626	252	3499	0.155	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	26.139	276	3686	0.137	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.159	278	2806	0.132	ng/ul#	84
29) Benzo(g,h,i)perylene	26.877	276	3445	0.143	ng/ul	93

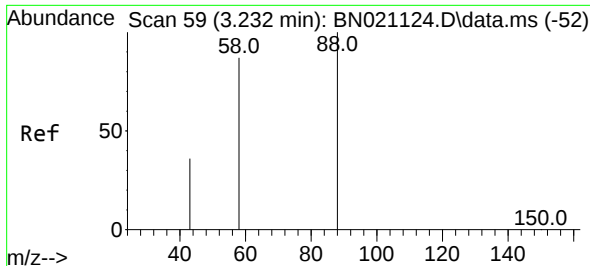
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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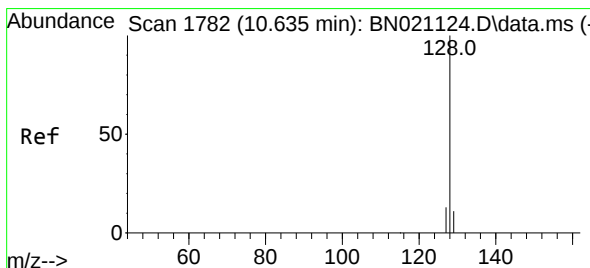
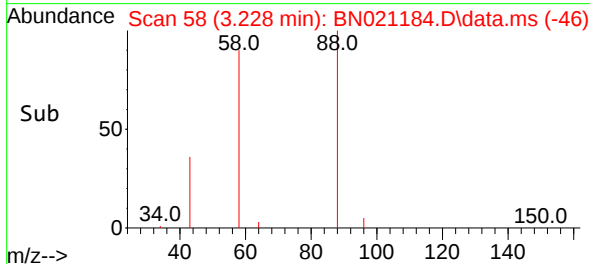
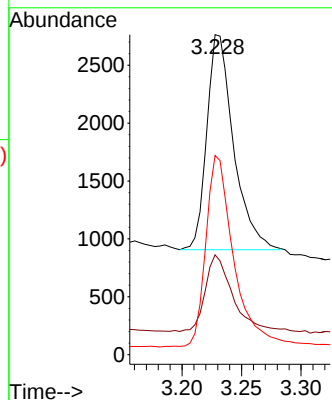
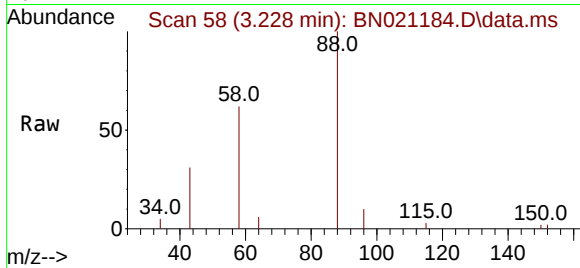




#2
 1,4-Dioxane
 Concen: 0.850 ng/ul
 RT: 3.228 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BN021184.D
 Acq: 12 Aug 2022 20:56

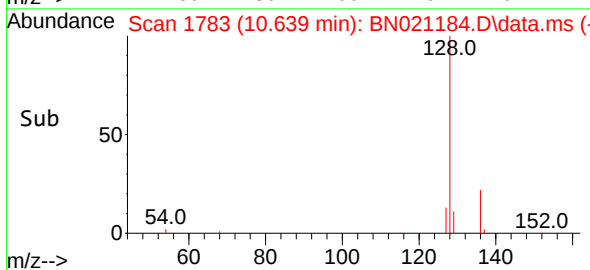
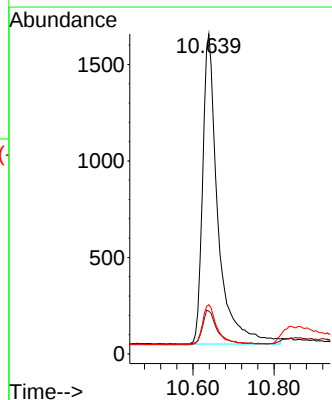
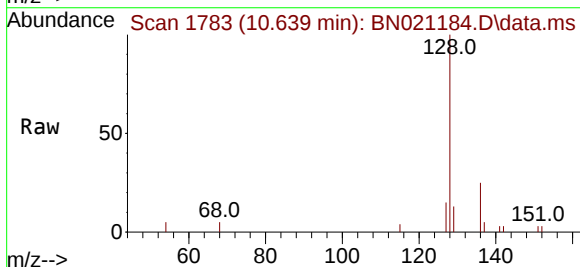
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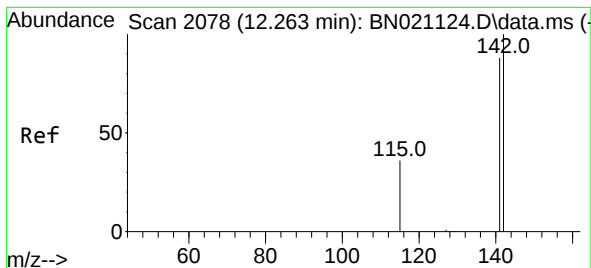
Tgt Ion: 88 Resp: 2908
 Ion Ratio Lower Upper
 88 100
 43 31.2 31.4 47.0#
 58 62.2 49.0 73.6



#5
 Naphthalene
 Concen: 0.148 ng/ul
 RT: 10.639 min Scan# 1783
 Delta R.T. 0.011 min
 Lab File: BN021184.D
 Acq: 12 Aug 2022 20:56

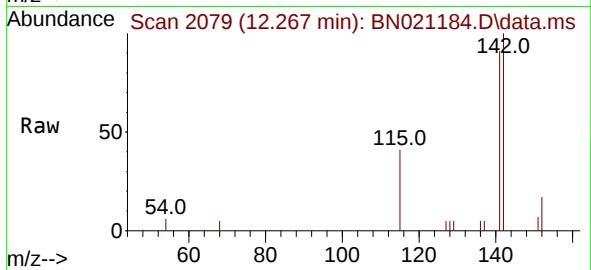
Tgt Ion:128 Resp: 4208
 Ion Ratio Lower Upper
 128 100
 129 13.4 9.8 14.6
 127 15.4 11.6 17.4



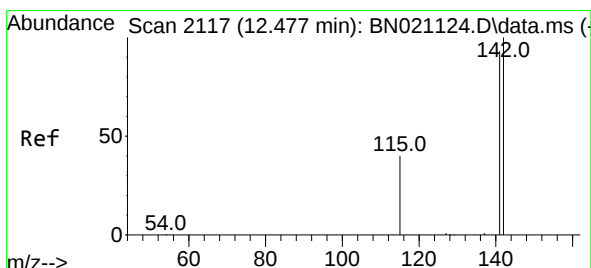
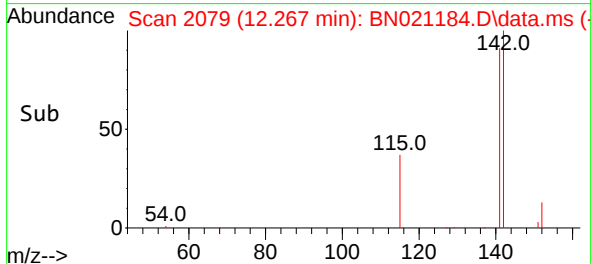
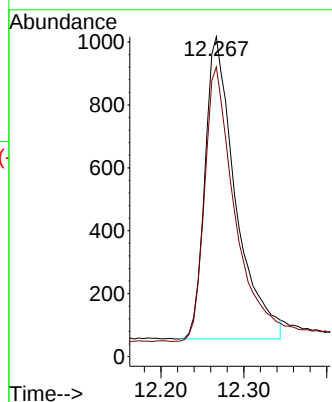


#7
2-Methylnaphthalene
Concen: 0.143 ng/ul
RT: 12.267 min Scan# 2079
Delta R.T. 0.016 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

Instrument :
BNA_N
ClientSampleId :

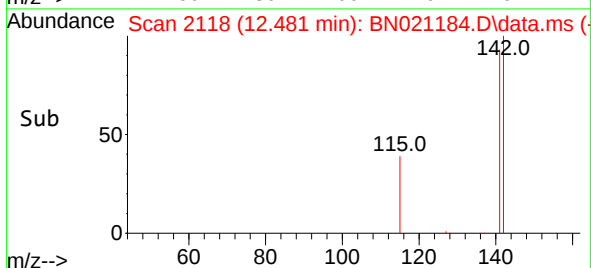
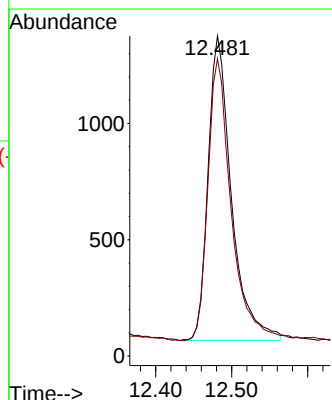
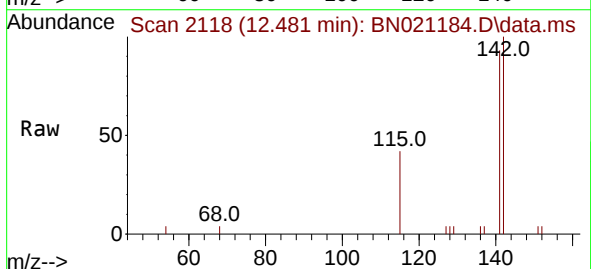


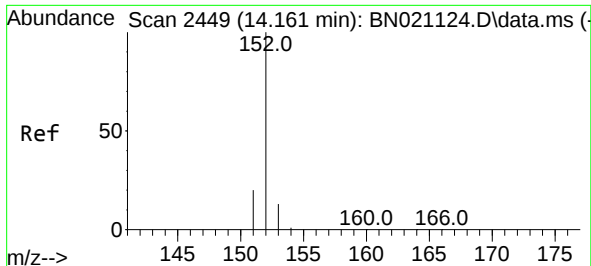
Tgt Ion:142 Resp: 2462
Ion Ratio Lower Upper
142 100
141 90.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.162 ng/ul
RT: 12.481 min Scan# 2118
Delta R.T. 0.011 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

Tgt Ion:142 Resp: 2798
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9

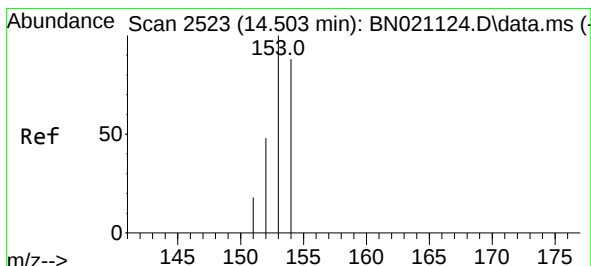
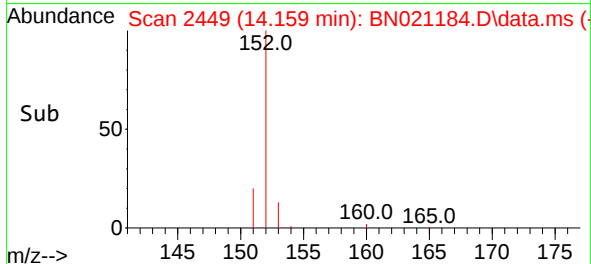
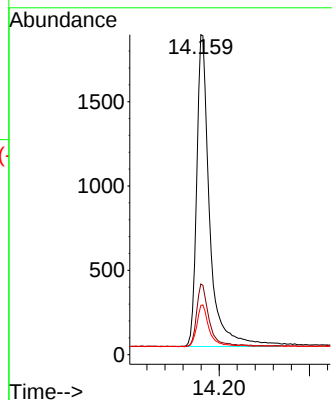
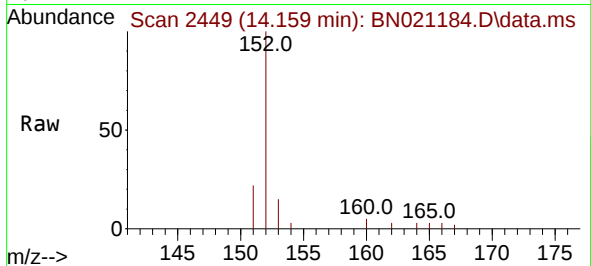




#10
Acenaphthylene
Concen: 0.146 ng/ul
RT: 14.159 min Scan# 2449
Delta R.T. 0.005 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

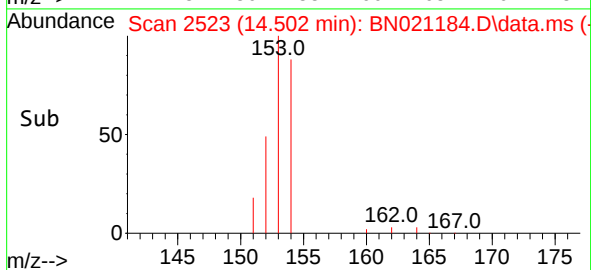
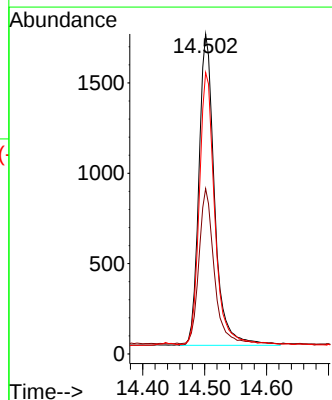
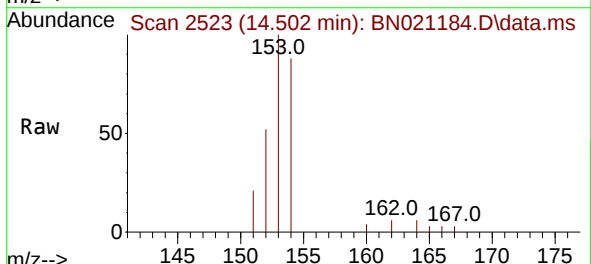
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BNA_N
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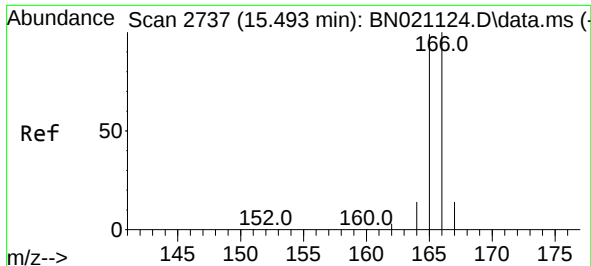
Tgt Ion:152 Resp: 3711
Ion Ratio Lower Upper
152 100
151 22.1 16.9 25.3
153 15.4 11.2 16.8



#11
Acenaphthene
Concen: 0.144 ng/ul
RT: 14.502 min Scan# 2523
Delta R.T. -0.000 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

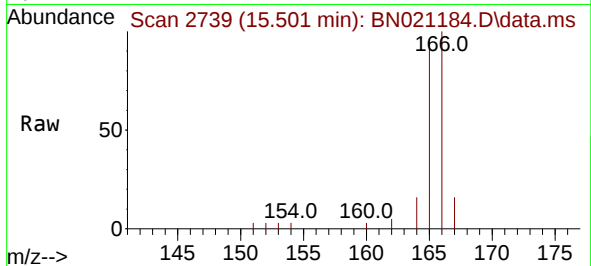
Tgt Ion:153 Resp: 3032
Ion Ratio Lower Upper
153 100
152 51.7 40.2 60.4
154 88.0 70.7 106.1





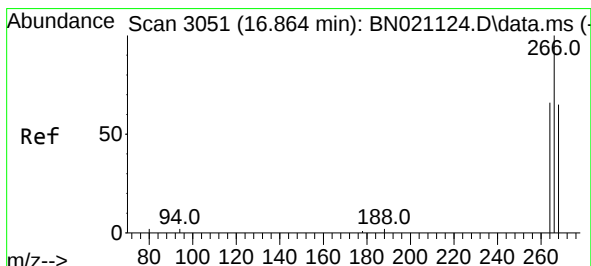
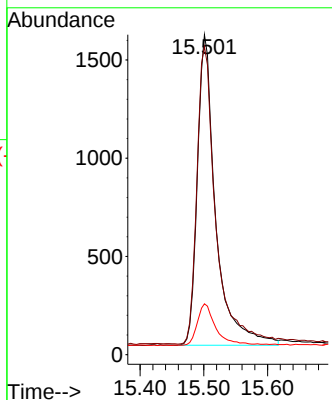
#12
Fluorene
Concen: 0.138 ng/ul
RT: 15.501 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:166 Resp: 3163

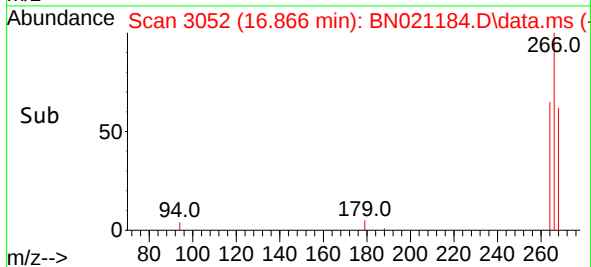
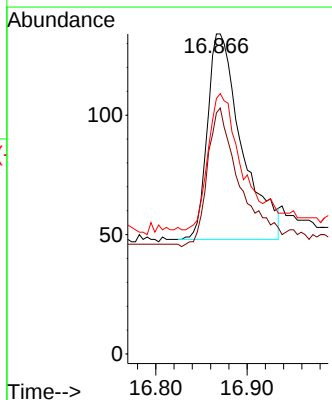
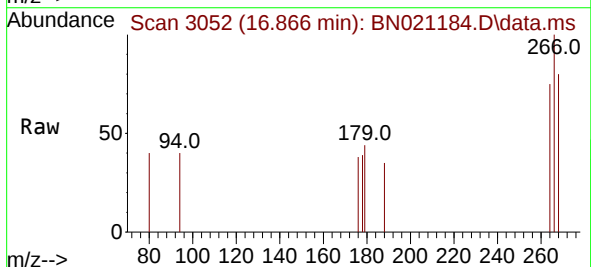
Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.6	117.8
167	15.9	11.8	17.6

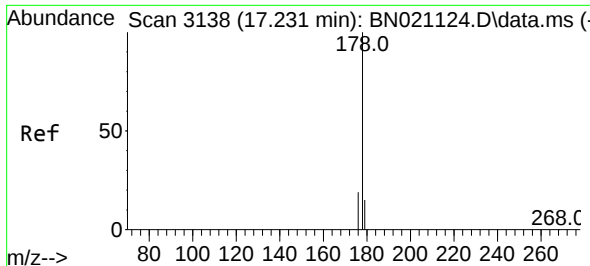


#14
Pentachlorophenol
Concen: 0.148 ng/ul
RT: 16.866 min Scan# 3052
Delta R.T. 0.013 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

Tgt Ion:266 Resp: 224

Ion	Ratio	Lower	Upper
266	100		
264	65.2	49.8	74.8
268	66.5	50.6	75.8

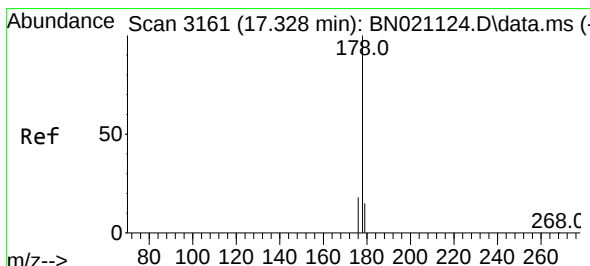
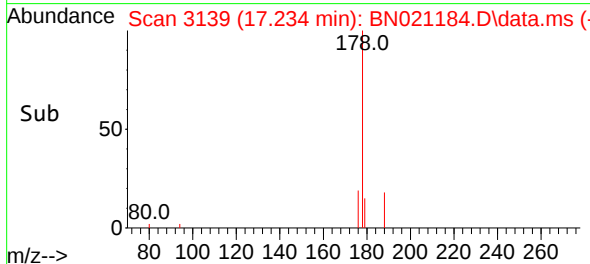
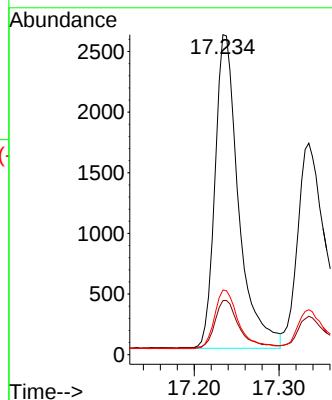
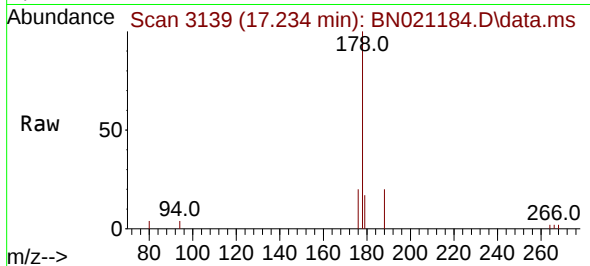




#15
Phenanthrene
Concen: 0.143 ng/ul
RT: 17.234 min Scan# 3138
Delta R.T. 0.004 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

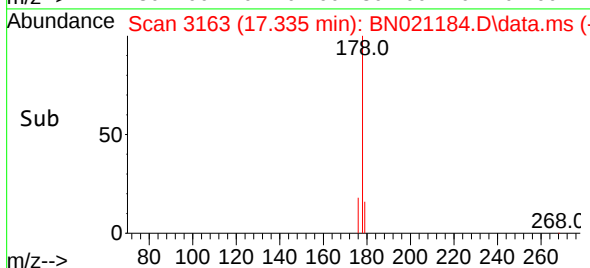
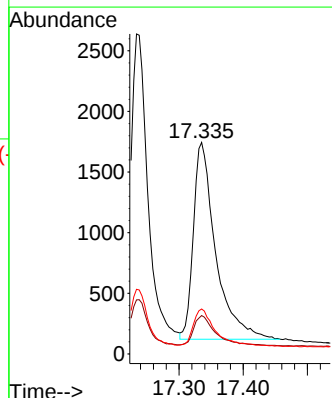
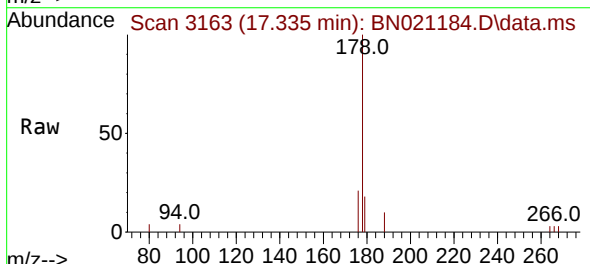
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BNA_N
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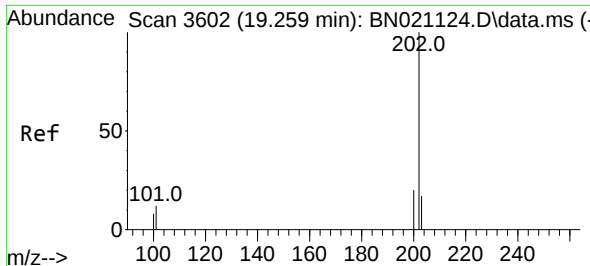
Tgt Ion:178 Resp: 5017
Ion Ratio Lower Upper
178 100
179 16.9 12.8 19.2
176 20.2 15.9 23.9



#16
Anthracene
Concen: 0.144 ng/ul
RT: 17.335 min Scan# 3163
Delta R.T. 0.013 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

Tgt Ion:178 Resp: 3914
Ion Ratio Lower Upper
178 100
179 18.2 12.9 19.3
176 21.3 15.9 23.9

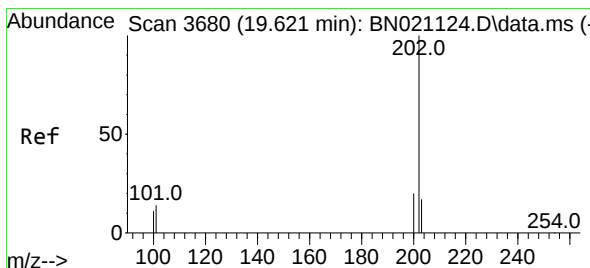
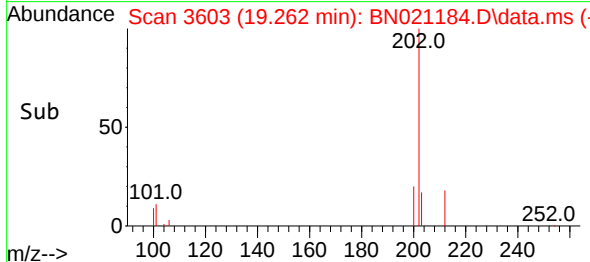
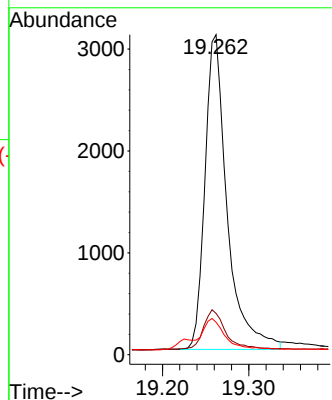
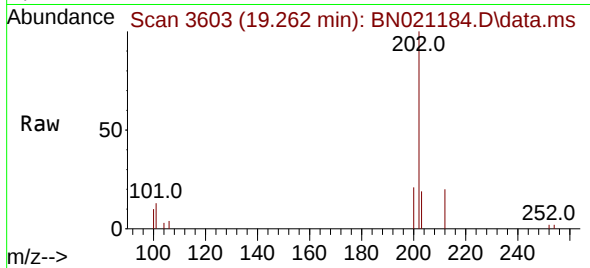




#19
Fluoranthene
Concen: 0.183 ng/u1
RT: 19.262 min Scan# 3603
Delta R.T. -0.000 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

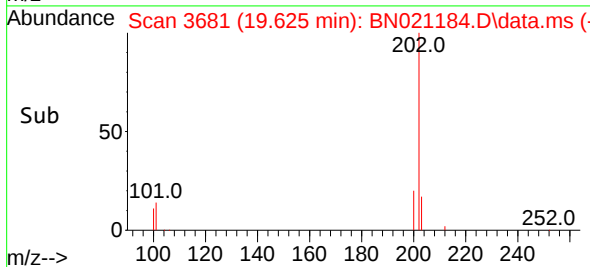
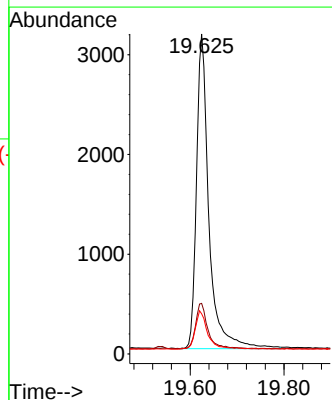
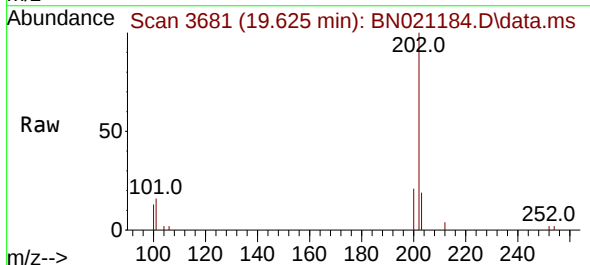
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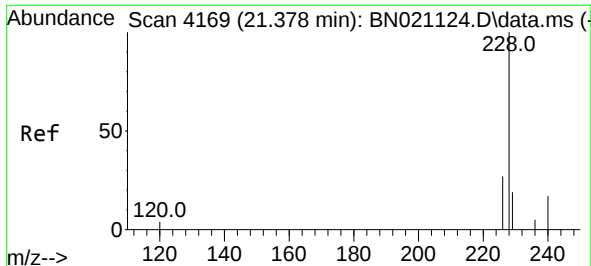
Tgt Ion:202 Resp: 5538
Ion Ratio Lower Upper
202 100
101 12.9 10.0 15.0
100 10.2 8.0 12.0



#20
Pyrene
Concen: 0.185 ng/u1
RT: 19.625 min Scan# 3681
Delta R.T. -0.000 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

Tgt Ion:202 Resp: 5785
Ion Ratio Lower Upper
202 100
101 15.8 11.3 16.9
100 12.6 9.0 13.4

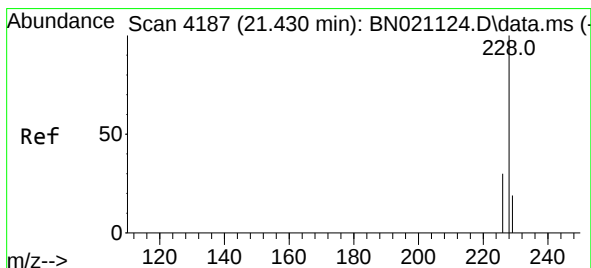
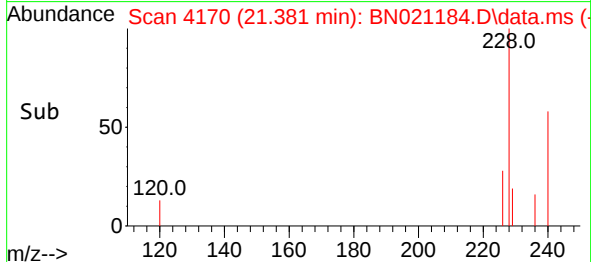
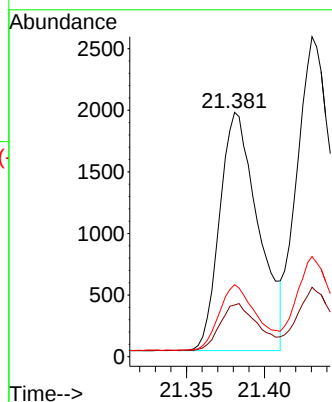
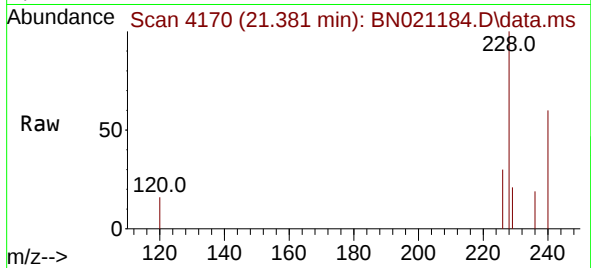




#21
Benzo(a)anthracene
Concen: 0.149 ng/ul
RT: 21.381 min Scan# 4169
Delta R.T. -0.006 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

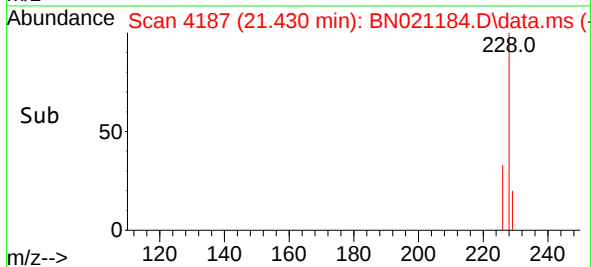
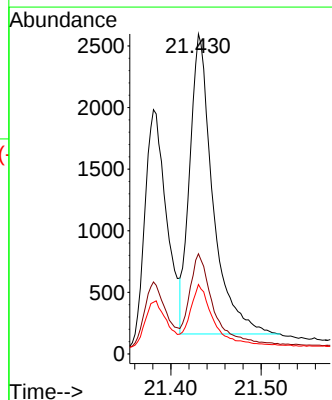
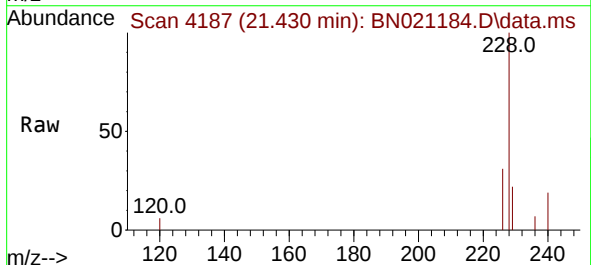
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BNA_N
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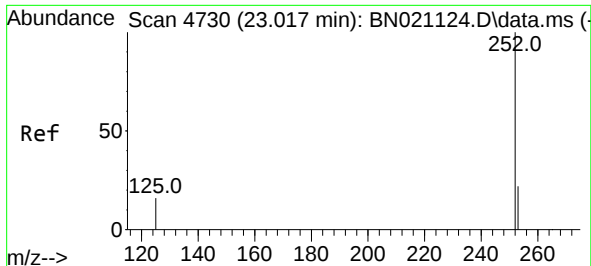
Tgt Ion:228 Resp: 3335
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 29.5 21.9 32.9



#22
Chrysene
Concen: 0.147 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. -0.012 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

Tgt Ion:228 Resp: 4332
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 21.7 15.8 23.8

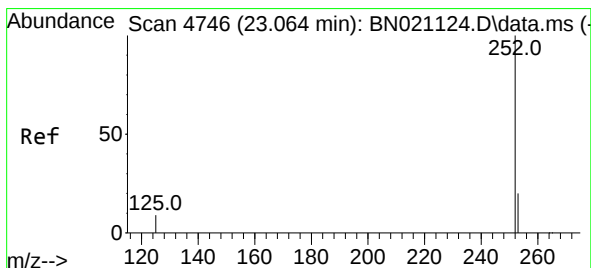
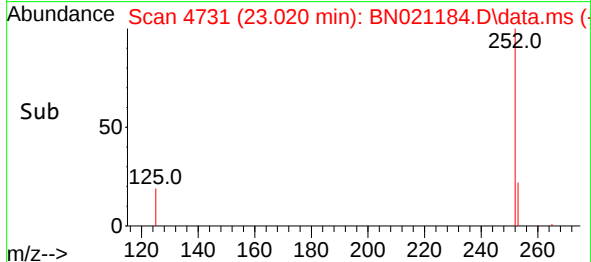
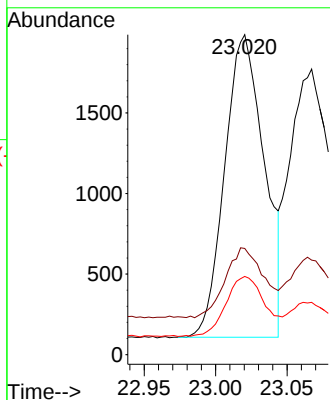
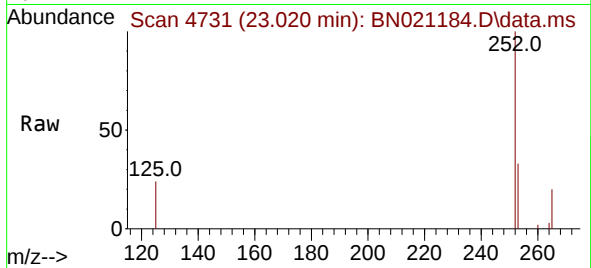




#24
Benzo(b)fluoranthene
Concen: 0.146 ng/ul
RT: 23.020 min Scan# 4731
Delta R.T. -0.009 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

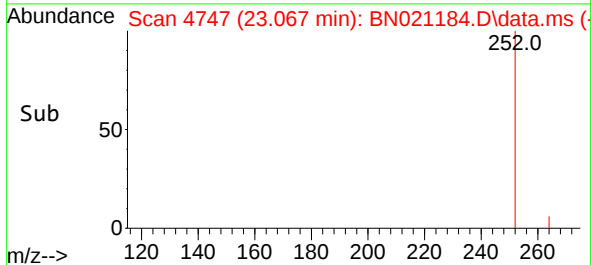
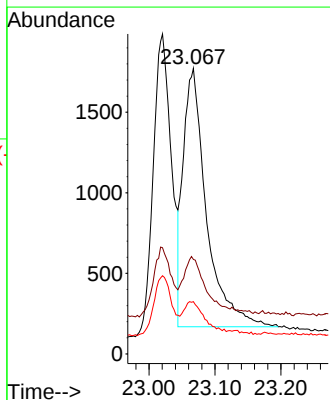
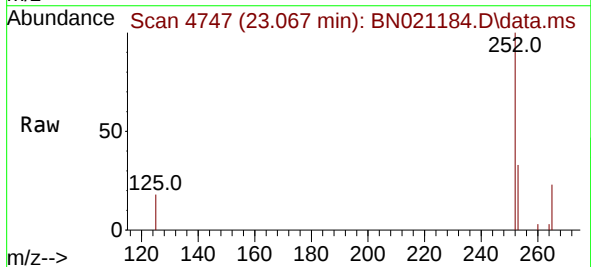
Instrument :
BNA_N
ClientSampleId :

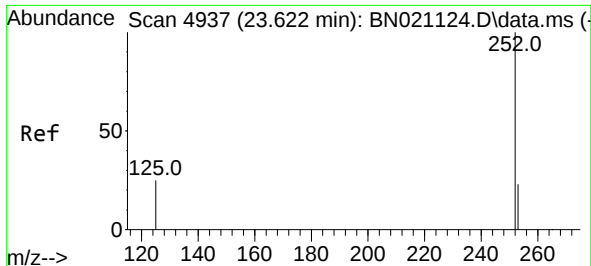
Tgt Ion:252 Resp: 3623
Ion Ratio Lower Upper
252 100
253 33.2 0.0 50.8
125 24.4 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.151 ng/ul
RT: 23.067 min Scan# 4747
Delta R.T. -0.009 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

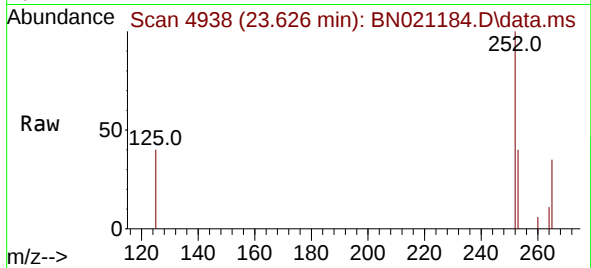
Tgt Ion:252 Resp: 3938
Ion Ratio Lower Upper
252 100
253 33.1 20.6 31.0#
125 18.3 11.8 17.6#



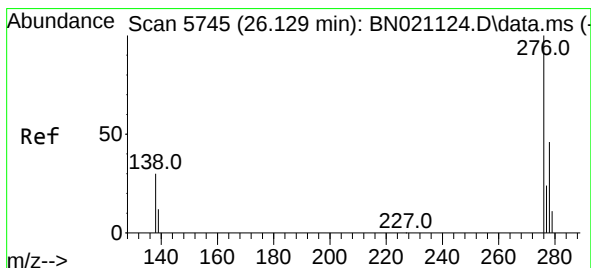
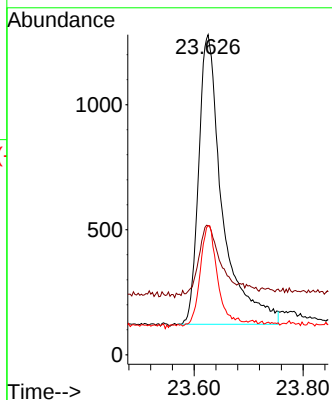
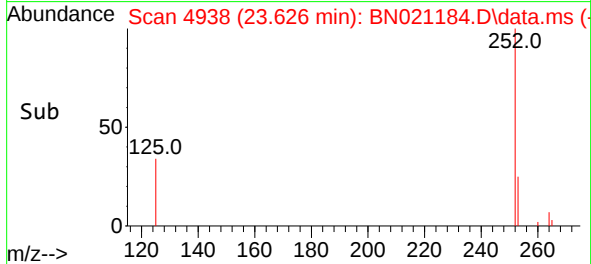


#26
Benzo(a)pyrene
Concen: 0.155 ng/ul
RT: 23.626 min Scan# 4938
Delta R.T. -0.009 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

Instrument :
BNA_N
ClientSampleId :

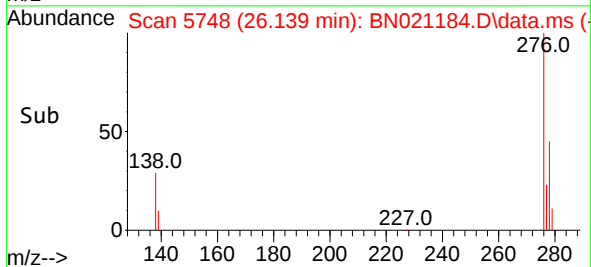
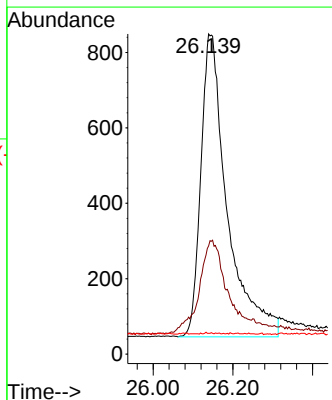
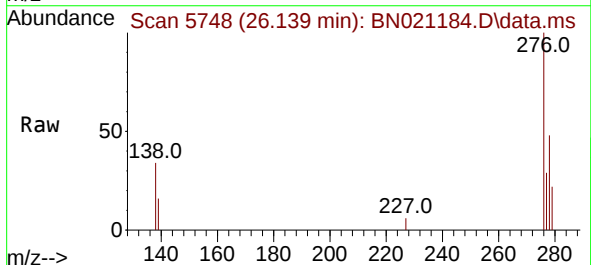


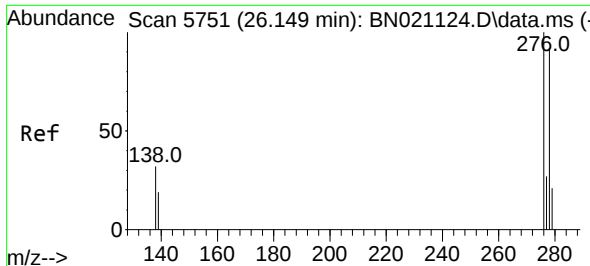
Tgt Ion:252 Resp: 3499
Ion Ratio Lower Upper
252 100
253 40.4 22.1 33.1#
125 40.3 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.137 ng/ul
RT: 26.139 min Scan# 5748
Delta R.T. -0.010 min
Lab File: BN021184.D
Acq: 12 Aug 2022 20:56

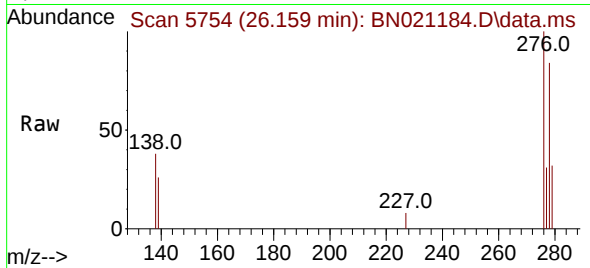
Tgt Ion:276 Resp: 3686
Ion Ratio Lower Upper
276 100
138 34.8 26.1 39.1
227 0.1 0.1 0.1#



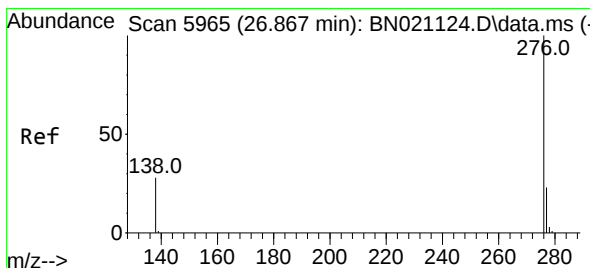
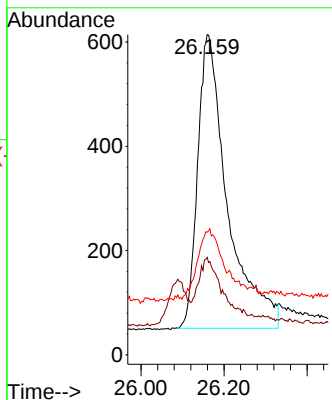
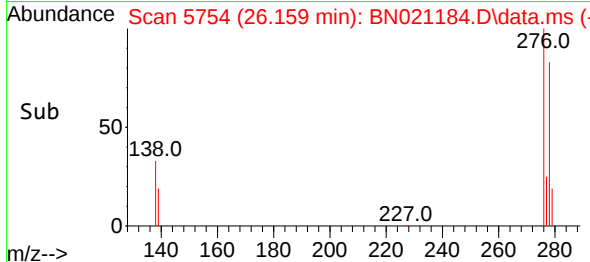


#28
 Dibenzo(a,h)anthracene
 Concen: 0.132 ng/ul
 RT: 26.159 min Scan# 5754
 Delta R.T. -0.007 min
 Lab File: BN021184.D
 Acq: 12 Aug 2022 20:56

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 2806
 Ion Ratio Lower Upper
 278 100
 139 30.5 18.3 27.5#
 279 38.3 23.9 35.9#



#29
 Benzo(g,h,i)perylene
 Concen: 0.143 ng/ul
 RT: 26.877 min Scan# 5968
 Delta R.T. -0.010 min
 Lab File: BN021184.D
 Acq: 12 Aug 2022 20:56

Tgt Ion:276 Resp: 3445
 Ion Ratio Lower Upper
 276 100
 138 32.4 22.6 34.0
 277 28.0 20.2 30.2

