

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020831.D
 Acq On : 25 Jul 2022 18:43
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV222

Quant Time: Jul 26 00:23:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 18:06:54 2022
 Response via : Initial Calibration

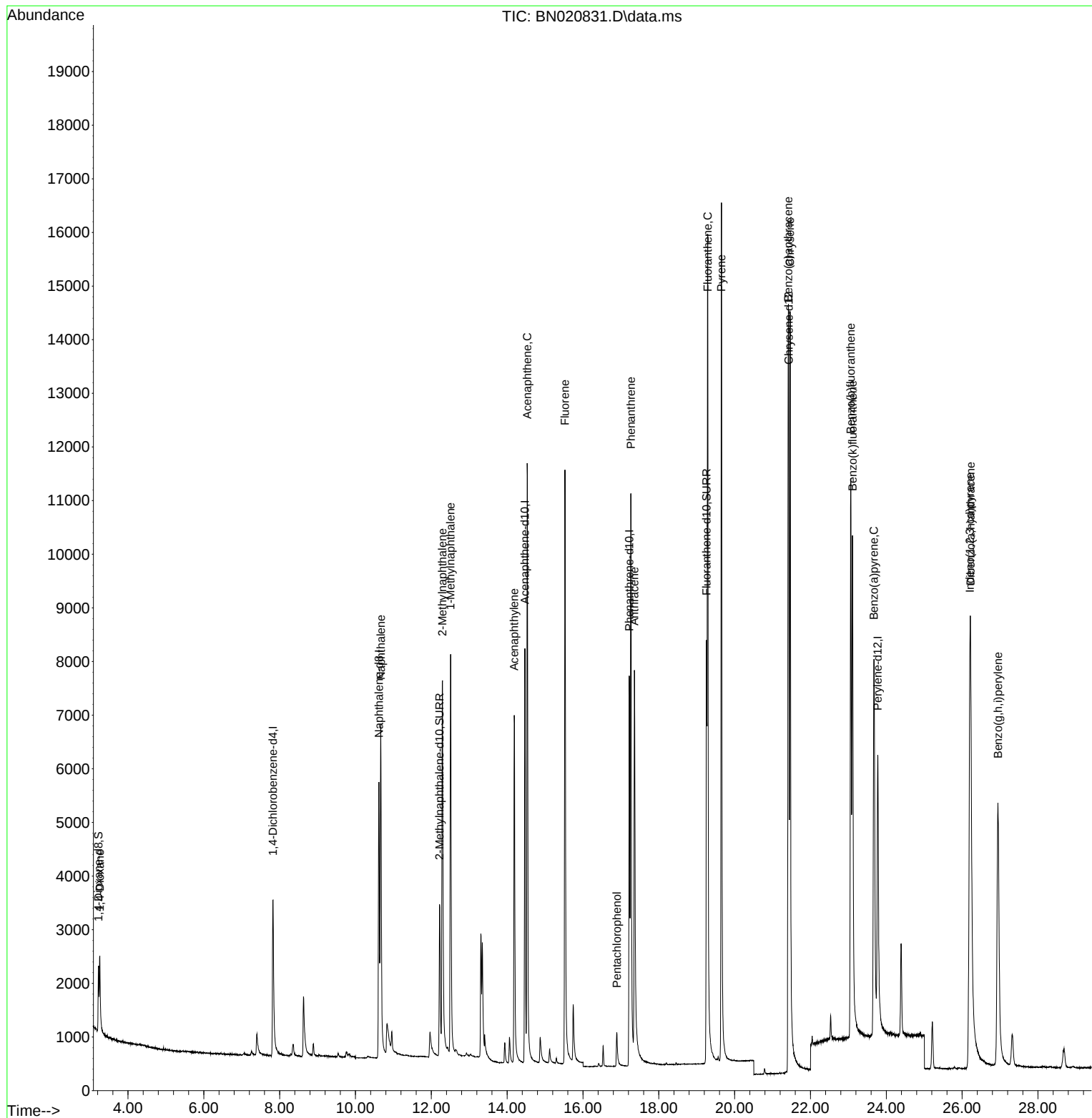
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2288	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	8226	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	4831	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	9775	0.400	ng/ul	0.00
17) Chrysene-d12	21.428	240	9063	0.400	ng/ul	0.00
23) Perylene-d12	23.775	264	8110	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	900	0.327	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	4744	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	10345	0.357	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	904	0.320	ng/ul	94
5) Naphthalene	10.667	128	10144	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.294	142	6554	0.402	ng/ul	100
8) 1-Methylnaphthalene	12.509	142	6127	0.388	ng/ul	100
10) Acenaphthylene	14.187	152	9149	0.381	ng/ul	99
11) Acenaphthene	14.530	153	7487	0.385	ng/ul	100
12) Fluorene	15.524	166	8833	0.414	ng/ul	98
14) Pentachlorophenol	16.892	266	622	0.423	ng/ul	99
15) Phenanthrene	17.263	178	13560	0.378	ng/ul	99
16) Anthracene	17.356	178	11149	0.389	ng/ul	100
19) Fluoranthene	19.290	202	15532	0.366	ng/ul	99
20) Pyrene	19.653	202	16176	0.365	ng/ul	99
21) Benzo(a)anthracene	21.413	228	11626	0.388	ng/ul	99
22) Chrysene	21.463	228	14559	0.378	ng/ul	99
24) Benzo(b)fluoranthene	23.061	252	14326	0.373	ng/ul	98
25) Benzo(k)fluoranthene	23.108	252	14507	0.365	ng/ul	99
26) Benzo(a)pyrene	23.672	252	13278	0.375	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.206	276	14635	0.393	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.223	278	11275	0.397	ng/ul	98
29) Benzo(g,h,i)perylene	26.944	276	12747	0.379	ng/ul	100

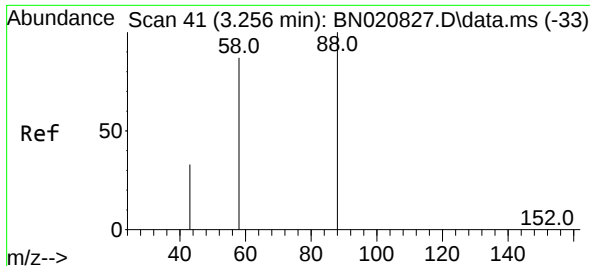
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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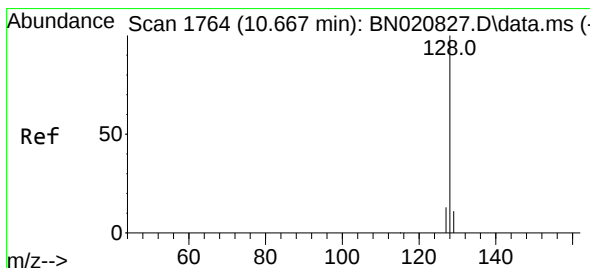
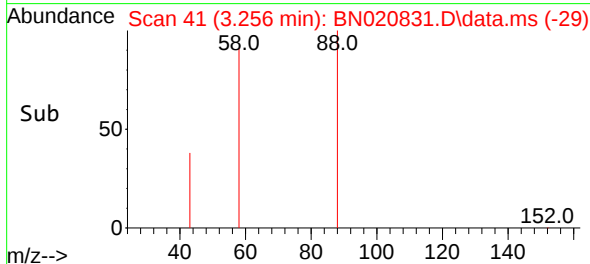
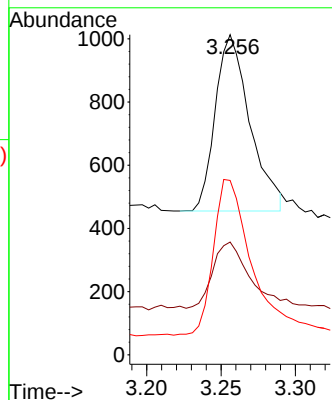
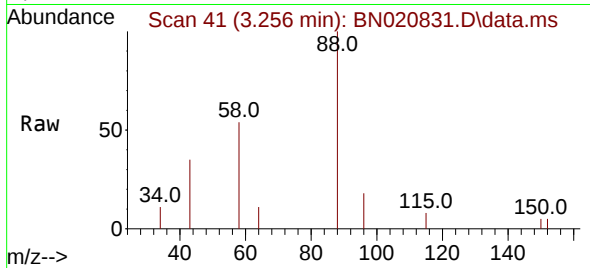




#2
 1,4-Dioxane
 Concen: 0.320 ng/ul
 RT: 3.256 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN020831.D
 Acq: 25 Jul 2022 18:43

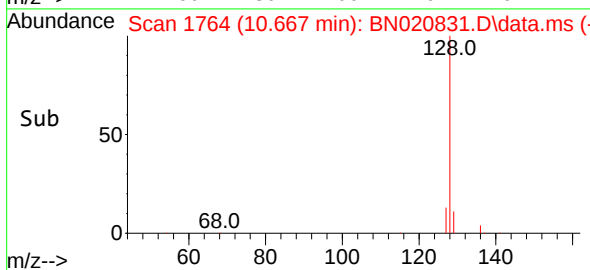
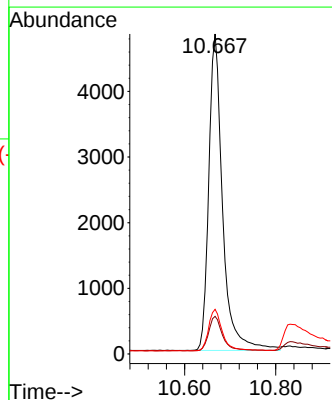
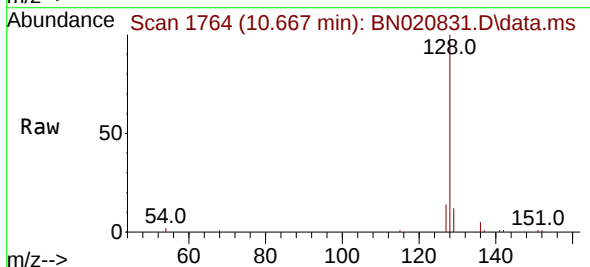
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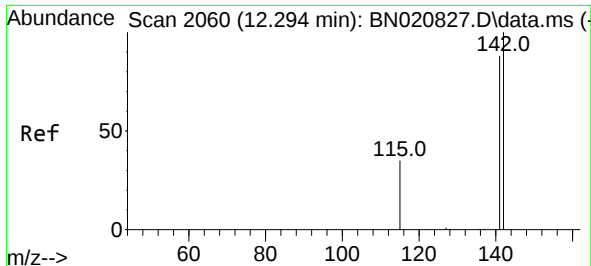
Tgt Ion: 88 Resp: 904
 Ion Ratio Lower Upper
 88 100
 43 35.2 32.5 48.7
 58 54.5 46.2 69.2



#5
 Naphthalene
 Concen: 0.393 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: BN020831.D
 Acq: 25 Jul 2022 18:43

Tgt Ion: 128 Resp: 10144
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.5 14.3
 127 14.0 11.3 16.9

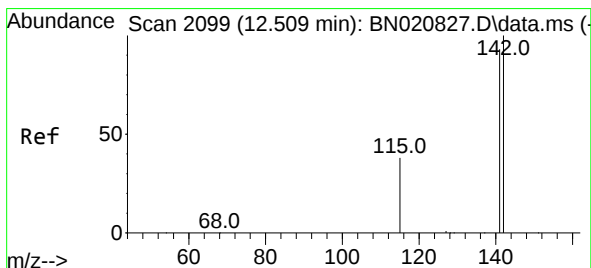
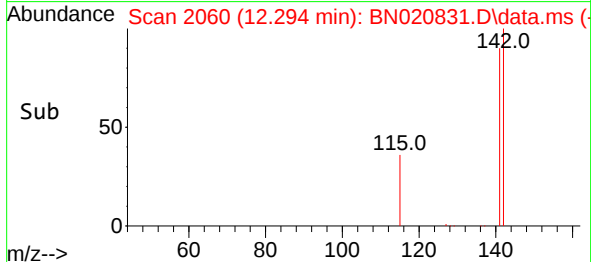
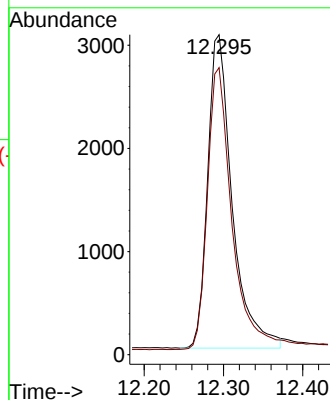
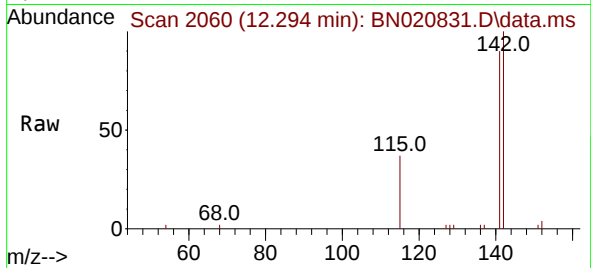




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

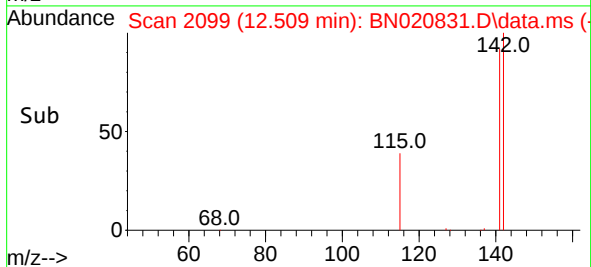
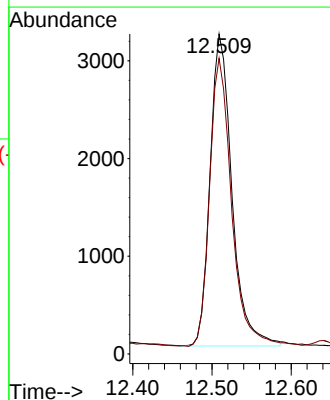
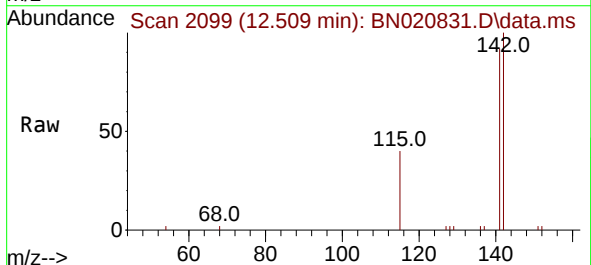
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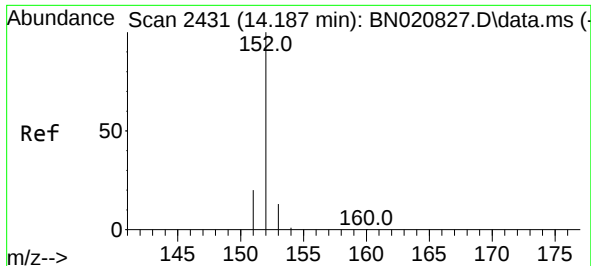
Tgt Ion:142 Resp: 6554
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

Tgt Ion:142 Resp: 6127
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5

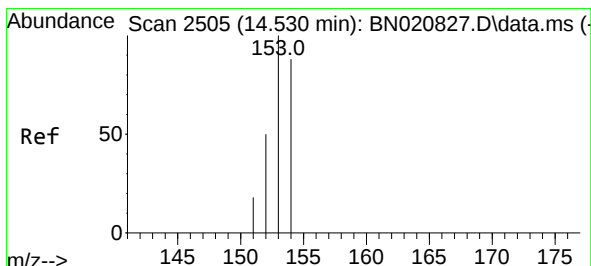
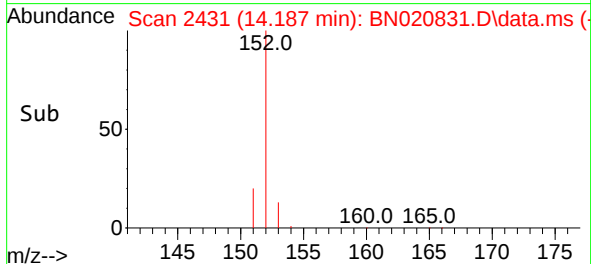
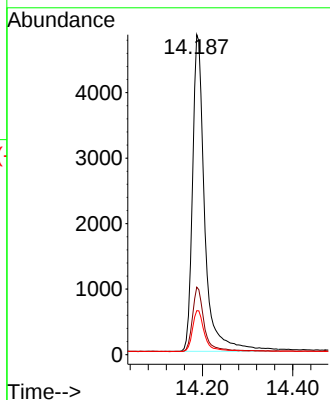
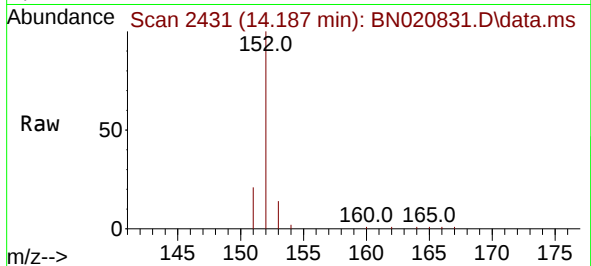




#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

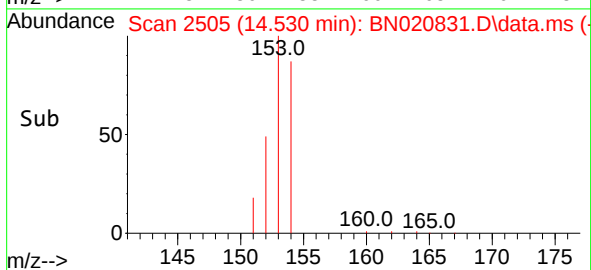
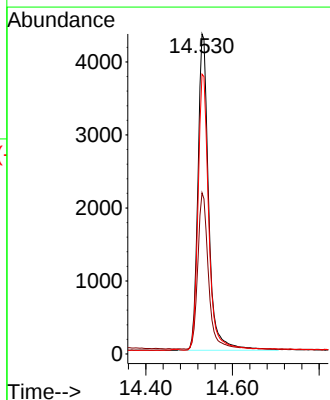
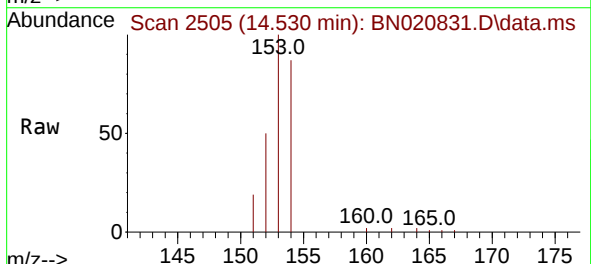
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ClientSampleId :
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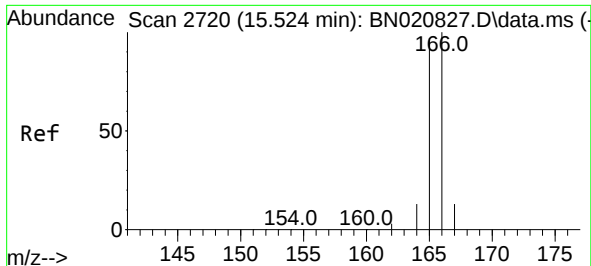
Tgt Ion:	152	Resp:	9149
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.5	24.7
153	13.7	11.1	16.7



#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020831.D
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Tgt Ion:	153	Resp:	7487
Ion Ratio	Lower	Upper	
153	100		
152	50.4	40.0	60.0
154	87.4	70.0	105.0

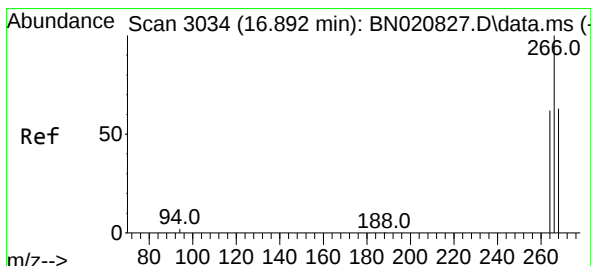
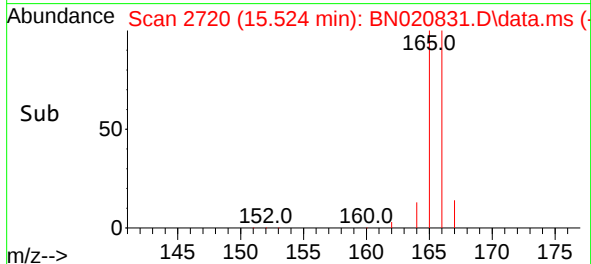
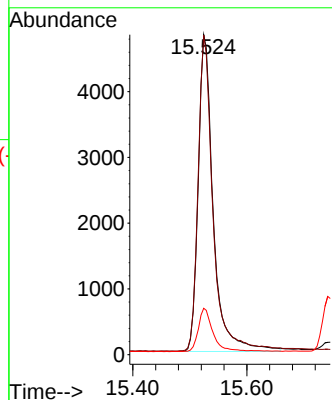
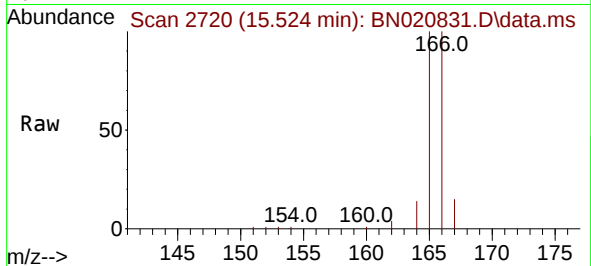




#12
 Fluorene
 Concen: 0.414 ng/ul
 RT: 15.524 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN020831.D
 Acq: 25 Jul 2022 18:43

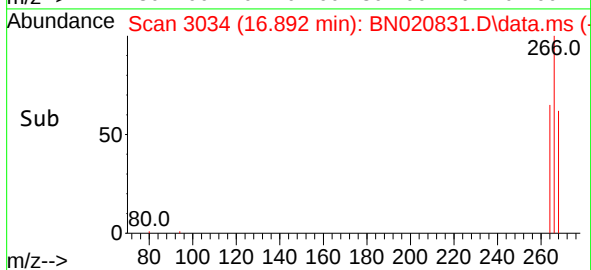
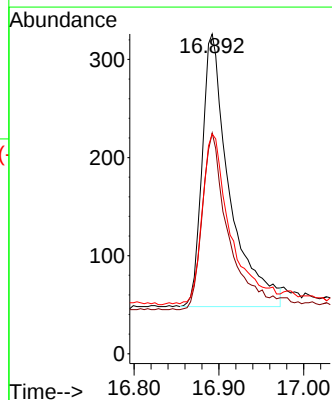
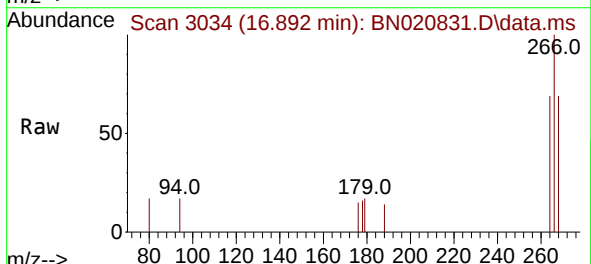
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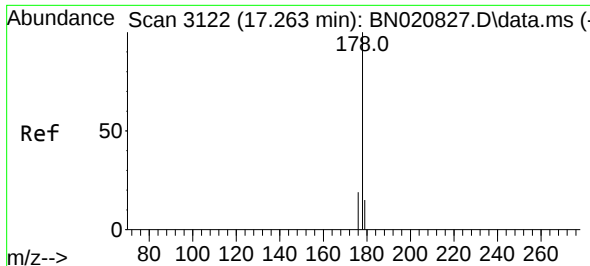
Tgt Ion:166 Resp: 8833
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.2 117.2
 167 14.5 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.423 ng/ul
 RT: 16.892 min Scan# 3034
 Delta R.T. 0.000 min
 Lab File: BN020831.D
 Acq: 25 Jul 2022 18:43

Tgt Ion:266 Resp: 622
 Ion Ratio Lower Upper
 266 100
 264 62.9 51.6 77.4
 268 64.3 51.5 77.3

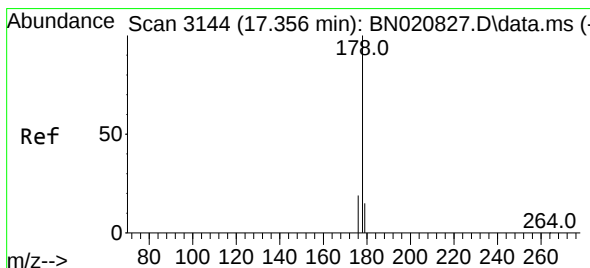
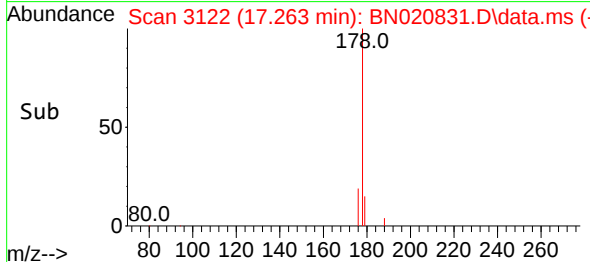
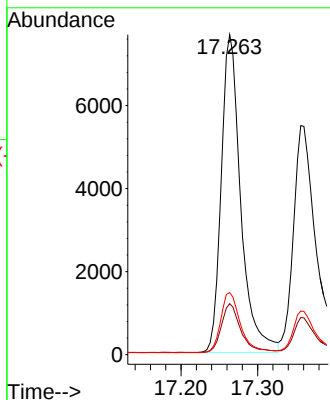
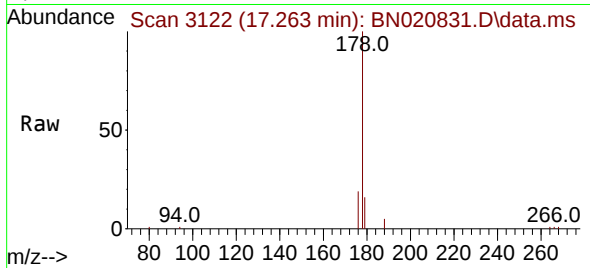




#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.263 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

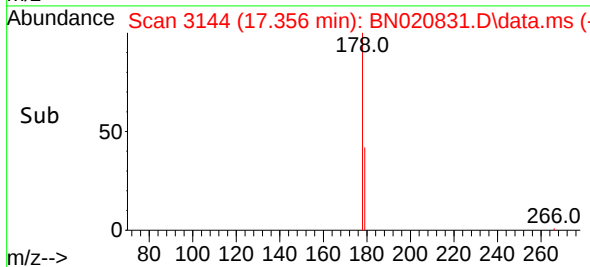
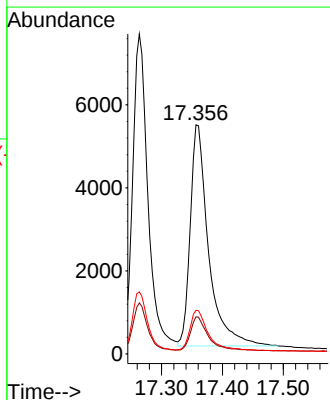
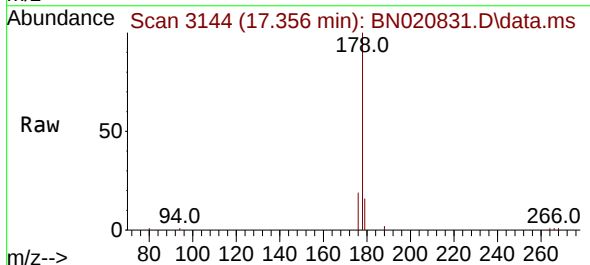
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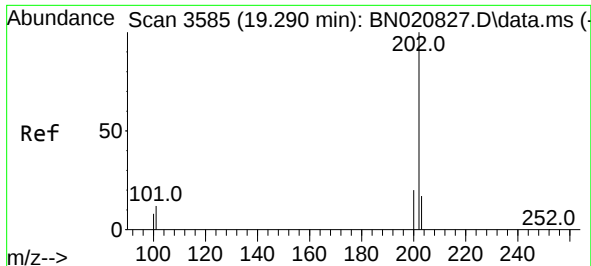
Tgt Ion:	178	Resp:	13560
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	18.8
176	19.4	15.8	23.6



#16
Anthracene
Concen: 0.389 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

Tgt Ion:	178	Resp:	11149
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.8	19.2
176	19.1	15.2	22.8

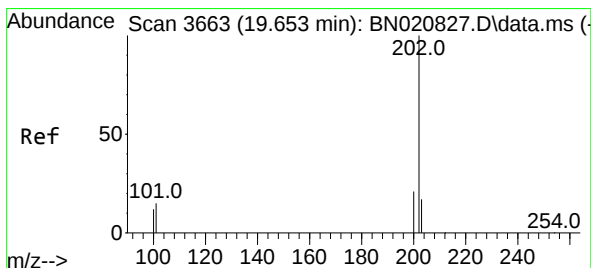
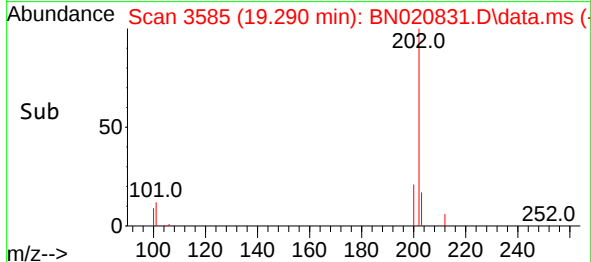
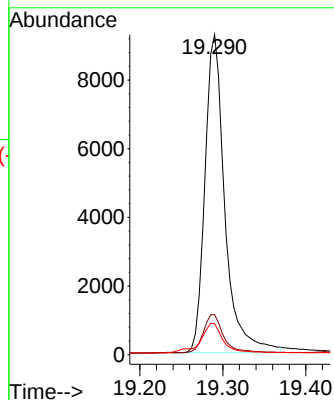
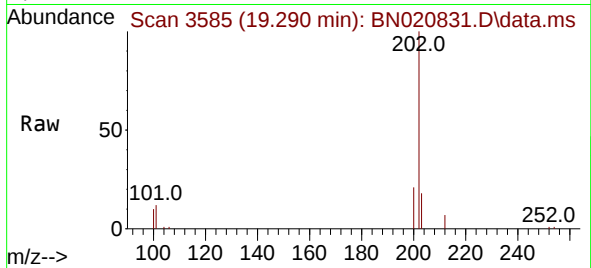




#19
Fluoranthene
Concen: 0.366 ng/u1
RT: 19.290 min Scan# 3585
Delta R.T. 0.000 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

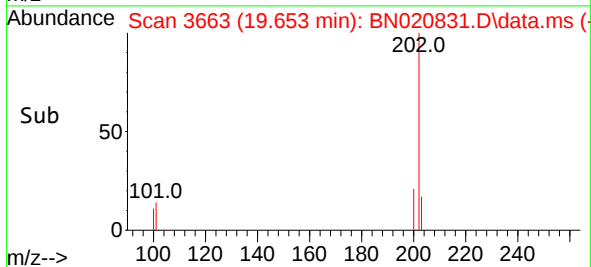
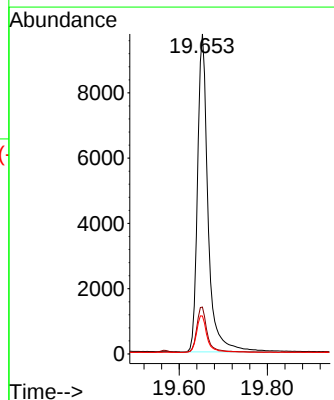
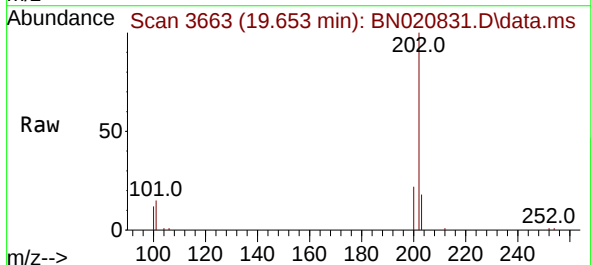
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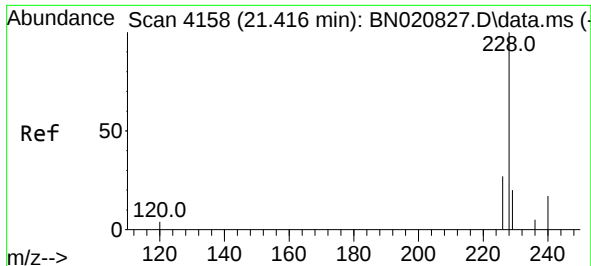
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.3	15.5
100	9.7	7.8	11.6



#20
Pyrene
Concen: 0.365 ng/u1
RT: 19.653 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.6	17.4
100	11.9	9.2	13.8

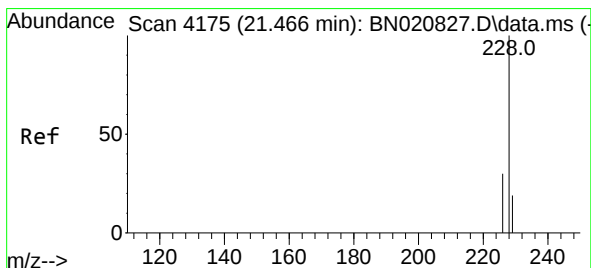
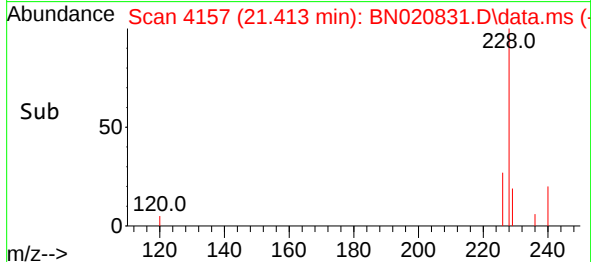
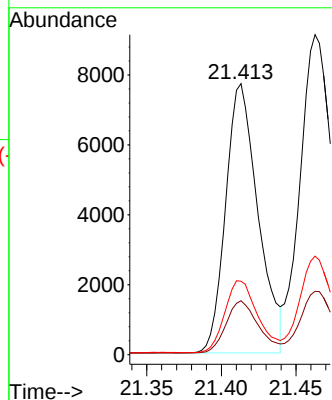
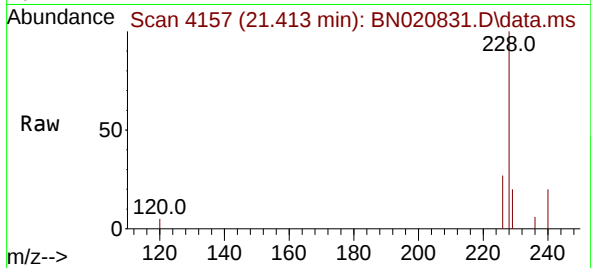




#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.413 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

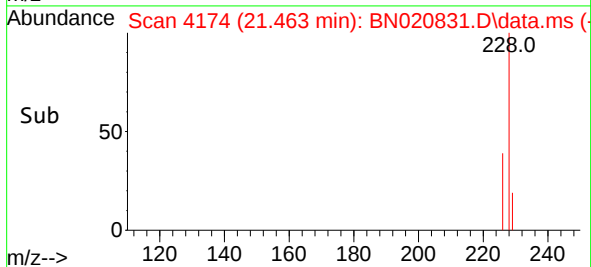
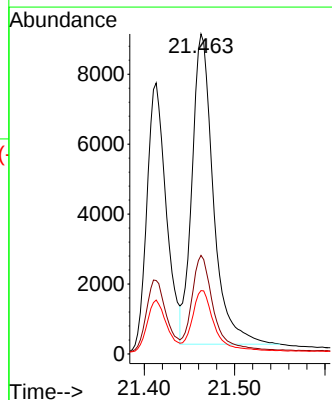
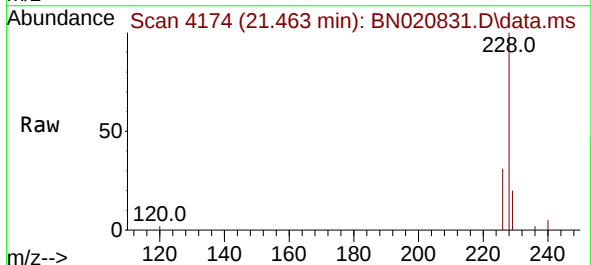
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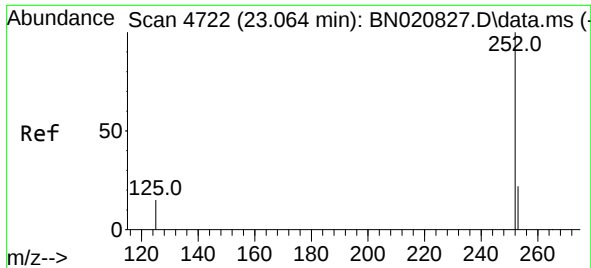
Tgt Ion:228 Resp: 11626
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 27.1 22.2 33.2



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.463 min Scan# 4174
Delta R.T. -0.003 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

Tgt Ion:228 Resp: 14559
Ion Ratio Lower Upper
228 100
226 30.8 23.9 35.9
229 19.8 15.8 23.8

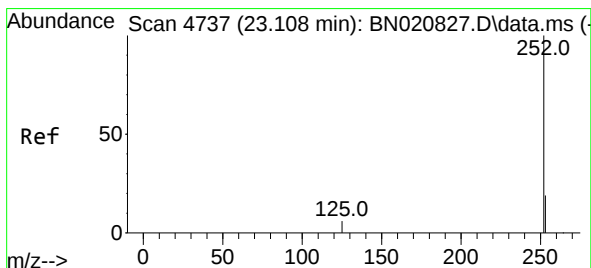
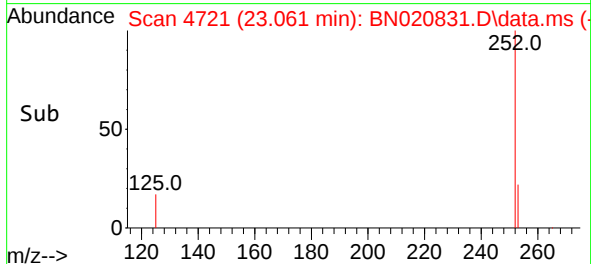
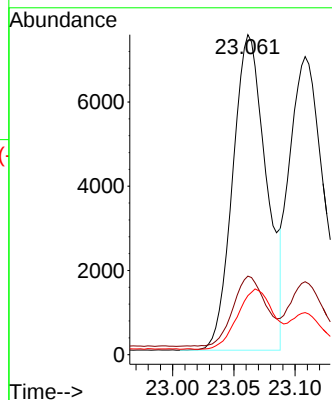
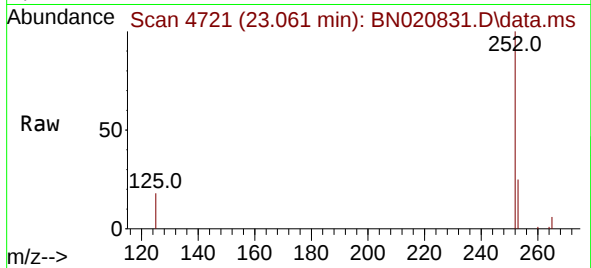




#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 23.061 min Scan# 4721
Delta R.T. -0.003 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

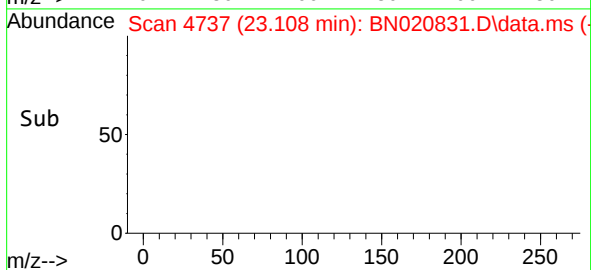
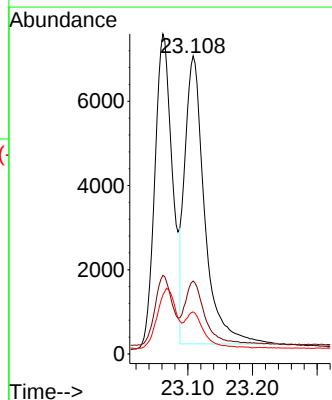
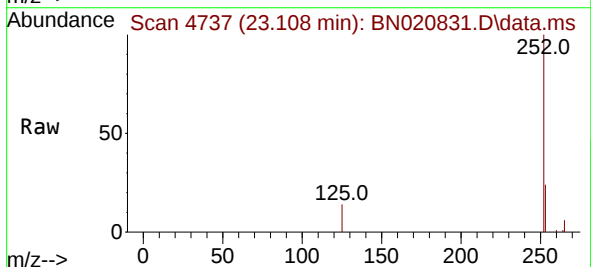
Instrument :
BNA_N
ClientSampleId :
SICV222

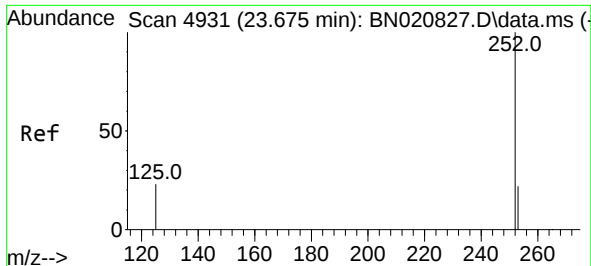
Tgt Ion:252 Resp: 14326
Ion Ratio Lower Upper
252 100
253 24.5 0.0 48.6
125 18.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul
RT: 23.108 min Scan# 4737
Delta R.T. 0.000 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

Tgt Ion:252 Resp: 14507
Ion Ratio Lower Upper
252 100
253 24.5 19.7 29.5
125 14.1 12.0 18.0

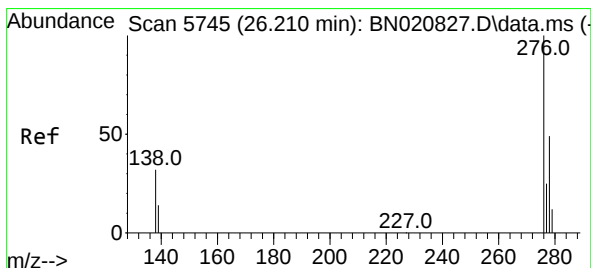
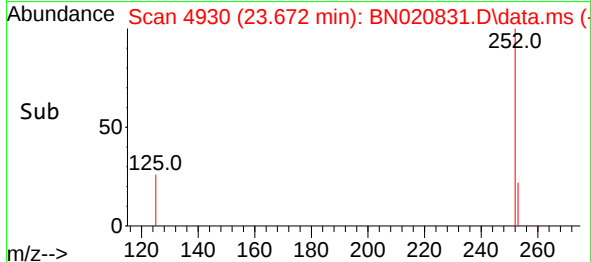
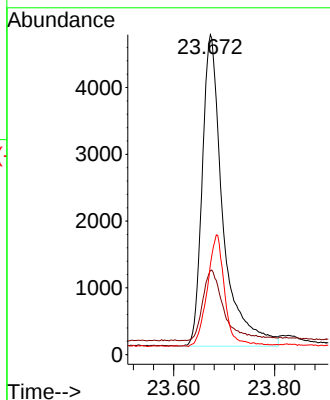
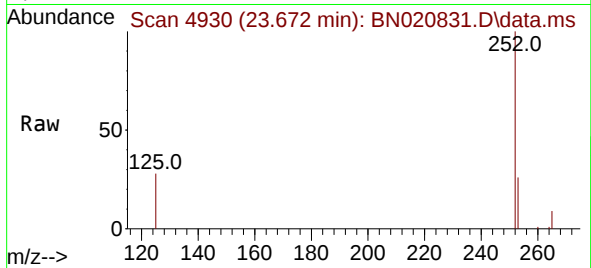




#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.672 min Scan# 4931
Delta R.T. -0.003 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

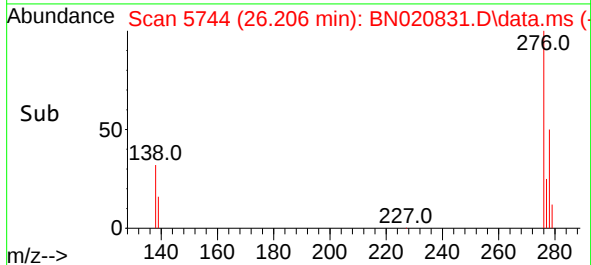
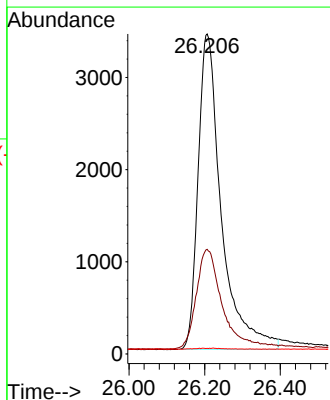
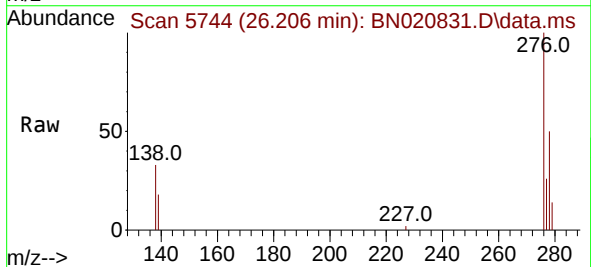
Instrument :
BNA_N
ClientSampleId :
SICV222

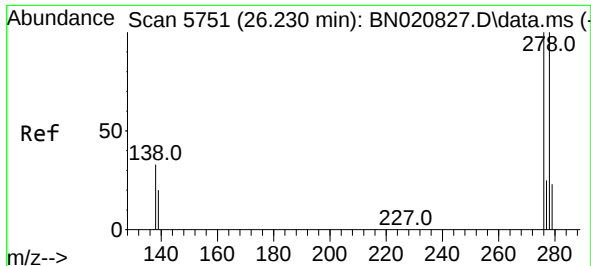
Tgt Ion:	252	Resp:	13278
Ion Ratio	Lower	Upper	
252	100		
253	26.3	21.0	31.4
125	28.2	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng/ul
RT: 26.206 min Scan# 5744
Delta R.T. -0.003 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

Tgt Ion:	276	Resp:	14635
Ion Ratio	Lower	Upper	
276	100		
138	35.5	27.4	41.2
227	0.1	0.2	0.2

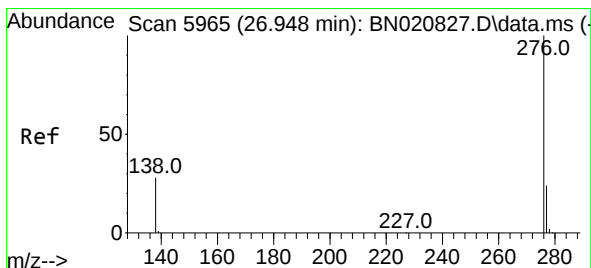
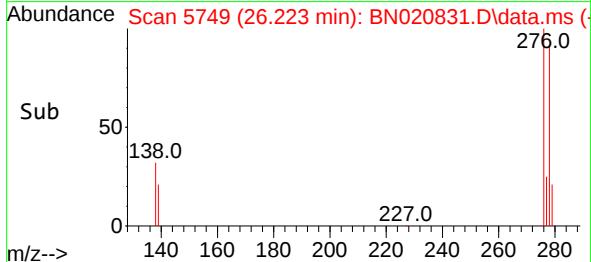
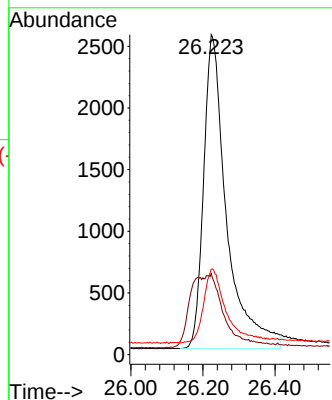
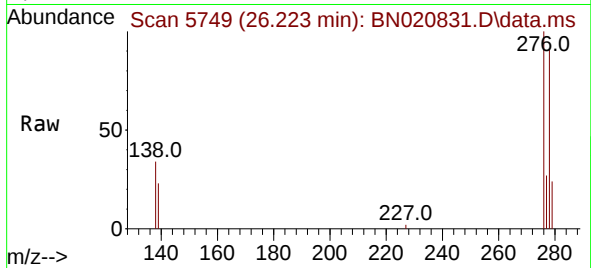




#28
Dibenzo(a,h)anthracene
Concen: 0.397 ng/ul
RT: 26.223 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

Instrument :
BNA_N
ClientSampleId :
SICV222

Tgt Ion:278 Resp: 11275
Ion Ratio Lower Upper
278 100
139 25.4 18.8 28.2
279 26.8 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 26.944 min Scan# 5964
Delta R.T. -0.003 min
Lab File: BN020831.D
Acq: 25 Jul 2022 18:43

Tgt Ion:276 Resp: 12747
Ion Ratio Lower Upper
276 100
138 29.5 23.5 35.3
277 25.1 20.1 30.1

