

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020839.D
 Acq On : 26 Jul 2022 00:21
 Operator : CG/JU
 Sample : N3801-09MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GBHX2MSD

Quant Time: Jul 26 00:50:06 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

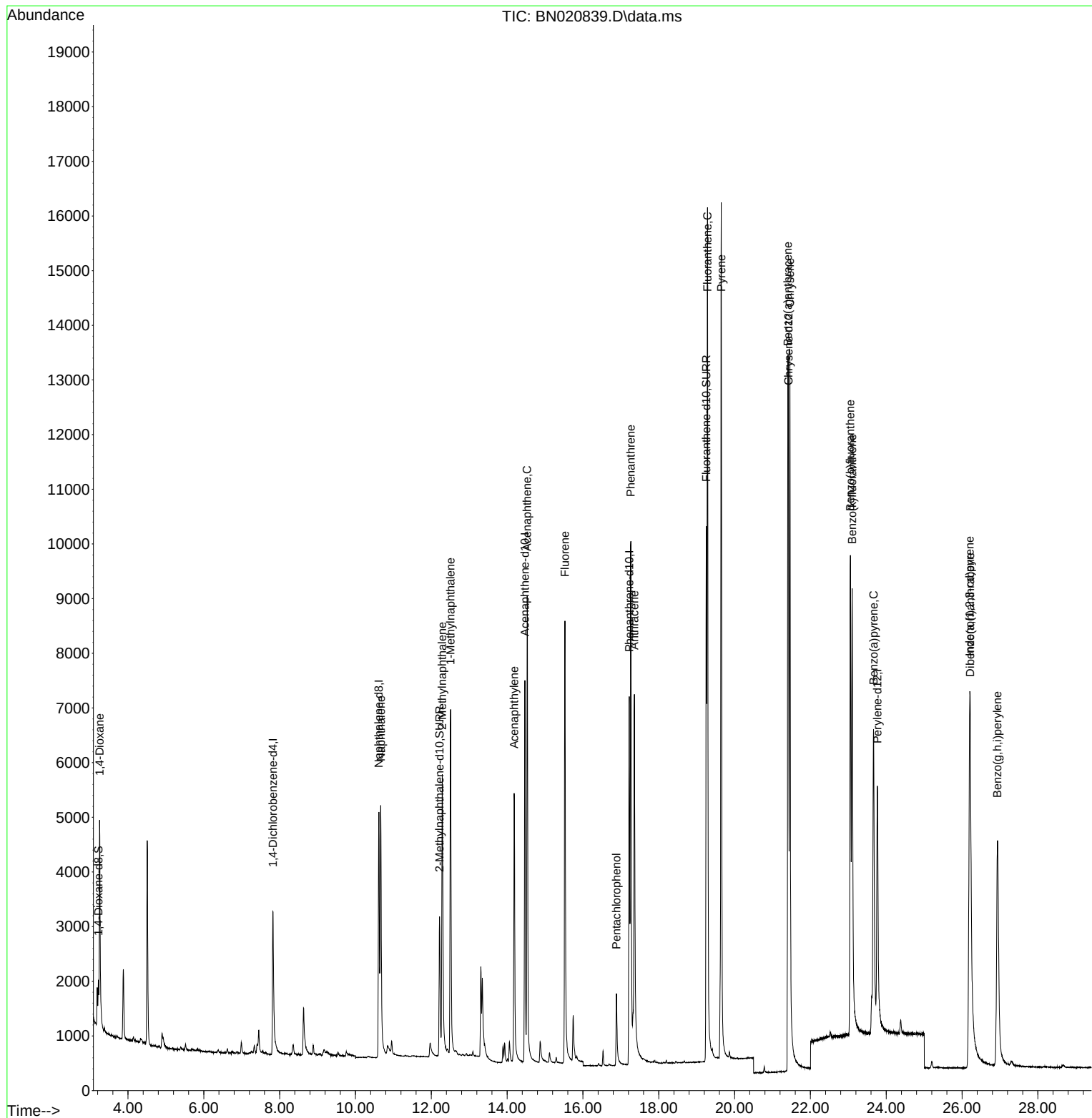
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2070	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	7465	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.470	164	4369	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	9319	0.400	ng/ul	0.00
17) Chrysene-d12	21.420	240	8462	0.400	ng/ul	-0.01
23) Perylene-d12	23.767	264	6968	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	642	0.258	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	4180	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.253	212	11932	0.441	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	2505	0.980	ng/ul#	86
5) Naphthalene	10.667	128	7820	0.334	ng/ul	99
7) 2-Methylnaphthalene	12.289	142	4777	0.323	ng/ul	99
8) 1-Methylnaphthalene	12.509	142	5145	0.359	ng/ul	99
10) Acenaphthylene	14.187	152	7074	0.326	ng/ul	99
11) Acenaphthene	14.530	153	5640	0.321	ng/ul	99
12) Fluorene	15.524	166	6521	0.338	ng/ul	100
14) Pentachlorophenol	16.884	266	1227	0.874	ng/ul	97
15) Phenanthrene	17.264	178	11808	0.346	ng/ul	99
16) Anthracene	17.356	178	9568	0.350	ng/ul	99
19) Fluoranthene	19.285	202	14778	0.373	ng/ul	99
20) Pyrene	19.648	202	15251	0.369	ng/ul	99
21) Benzo(a)anthracene	21.406	228	10833	0.387	ng/ul	100
22) Chrysene	21.458	228	13497	0.375	ng/ul	99
24) Benzo(b)fluoranthene	23.054	252	12493	0.378	ng/ul	97
25) Benzo(k)fluoranthene	23.101	252	12441	0.364	ng/ul	99
26) Benzo(a)pyrene	23.665	252	10709	0.352	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.201	276	11800	0.368	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.218	278	9244	0.379	ng/ul	99
29) Benzo(g,h,i)perylene	26.933	276	10807	0.374	ng/ul	99

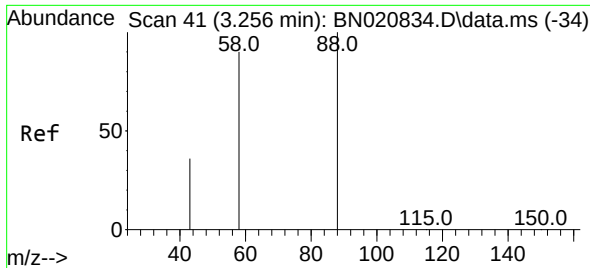
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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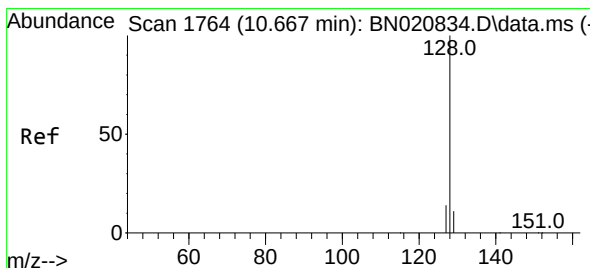
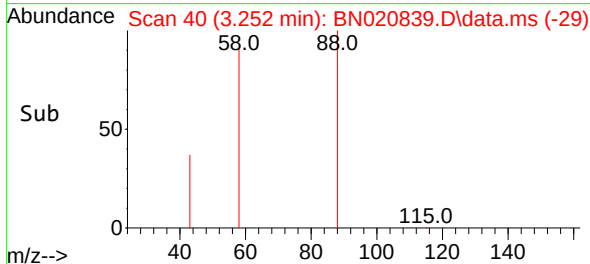
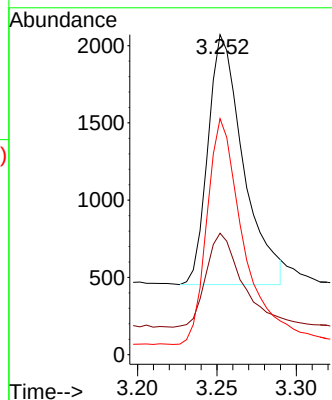
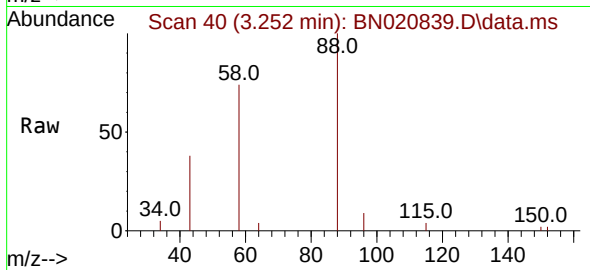




#2
 1,4-Dioxane
 Concen: 0.980 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020839.D
 Acq: 26 Jul 2022 00:21

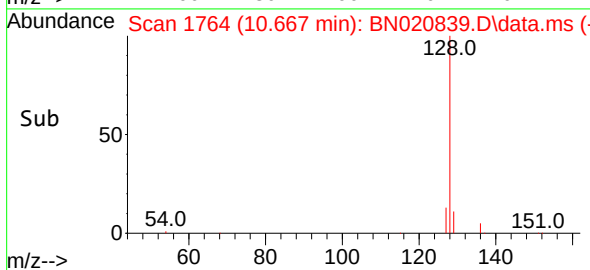
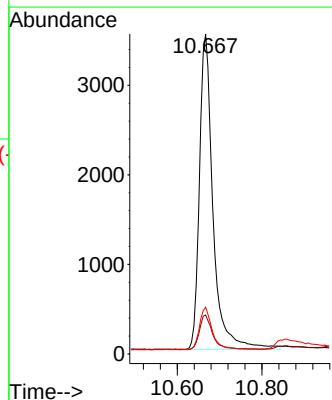
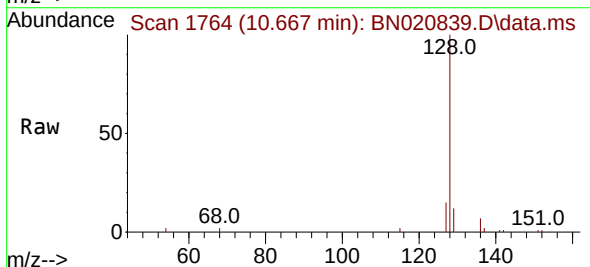
Instrument :
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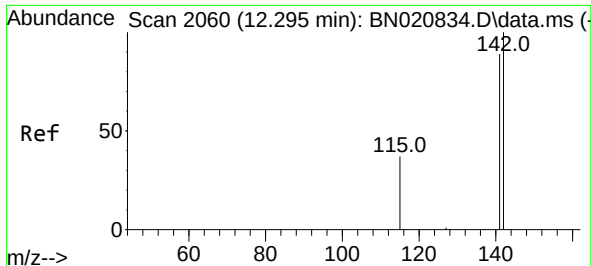
Tgt Ion: 88 Resp: 2505
 Ion Ratio Lower Upper
 88 100
 43 38.0 32.5 48.7
 58 73.7 46.2 69.2#



#5
 Naphthalene
 Concen: 0.334 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: BN020839.D
 Acq: 26 Jul 2022 00:21

Tgt Ion: 128 Resp: 7820
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.5 14.3
 127 14.6 11.3 16.9

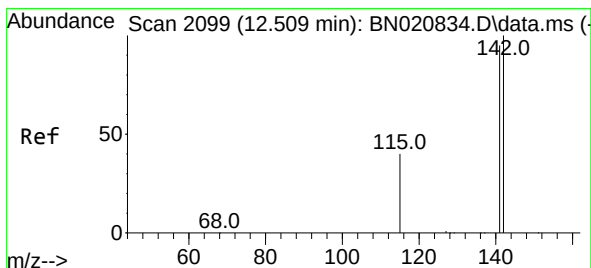
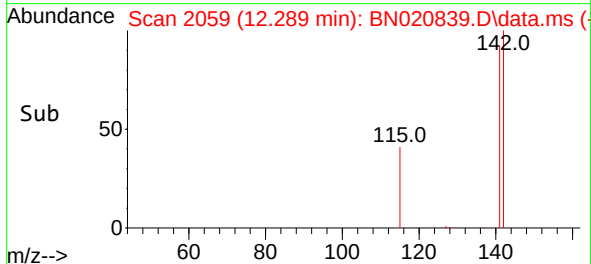
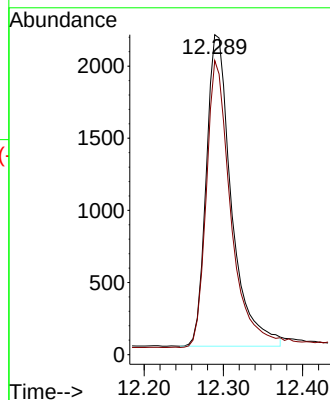
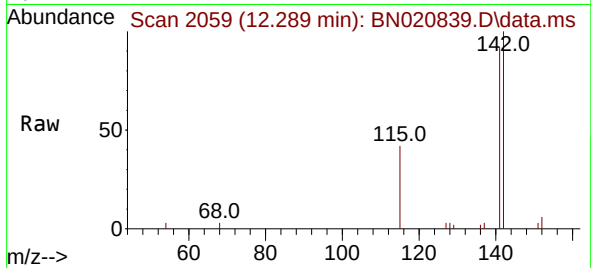




#7
2-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.289 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

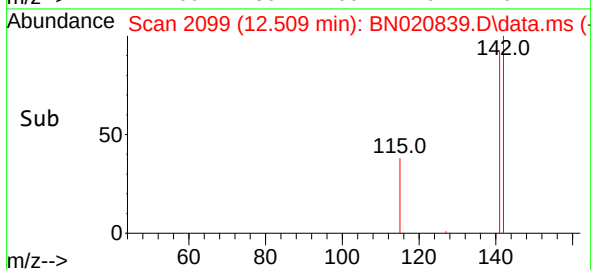
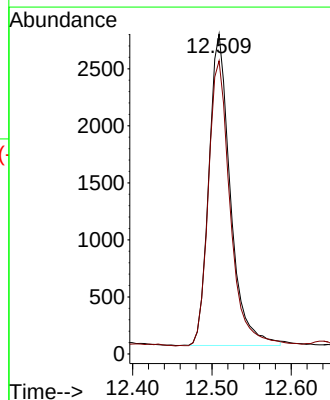
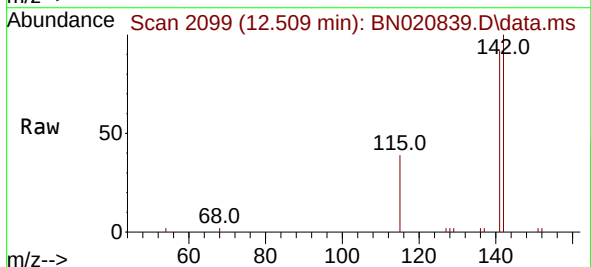
Instrument :
BNA_N
ClientSampleId :
GBHX2MSD

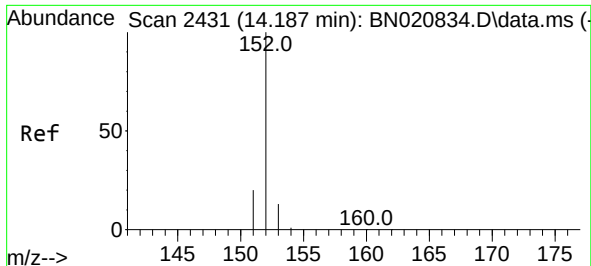
Tgt Ion:142 Resp: 4777
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

Tgt Ion:142 Resp: 5145
Ion Ratio Lower Upper
142 100
141 93.0 73.7 110.5

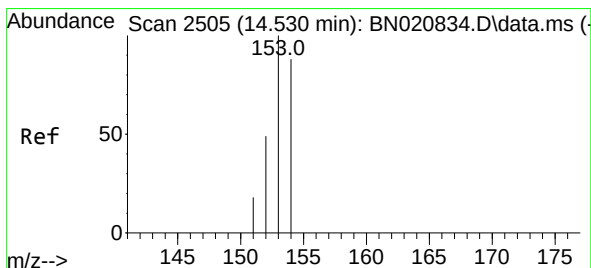
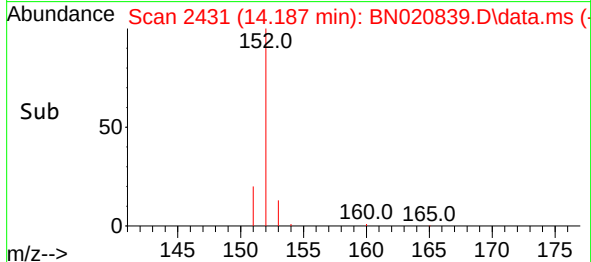
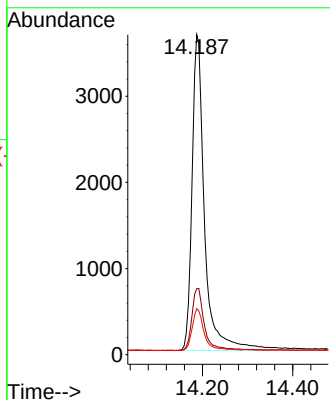
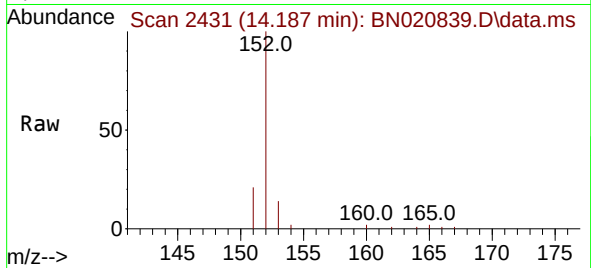




#10
Acenaphthylene
Concen: 0.326 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

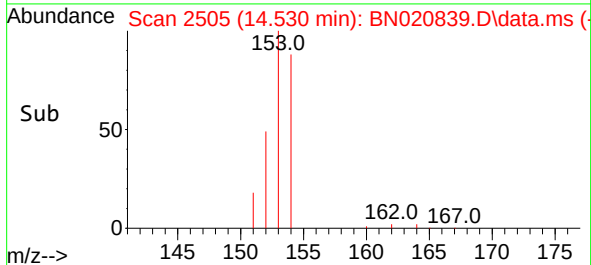
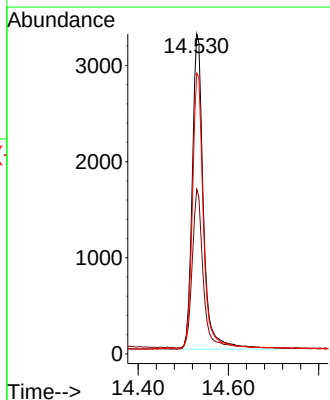
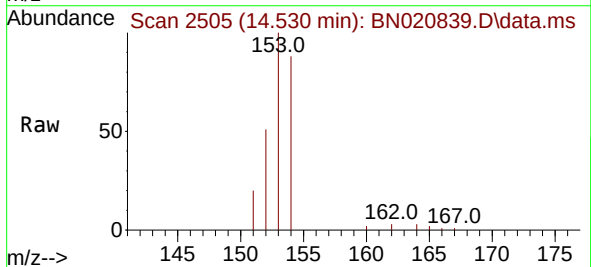
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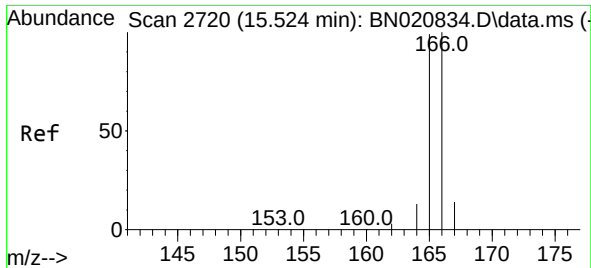
Tgt Ion:152 Resp: 7074
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7
153 14.4 11.1 16.7



#11
Acenaphthene
Concen: 0.321 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

Tgt Ion:153 Resp: 5640
Ion Ratio Lower Upper
153 100
152 51.4 40.0 60.0
154 87.7 70.0 105.0

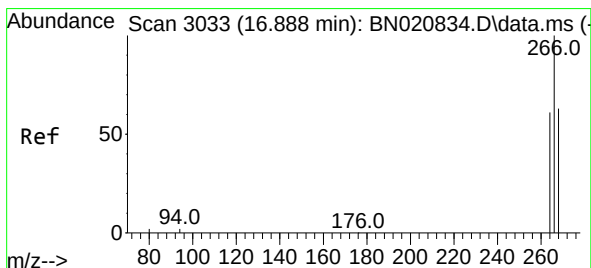
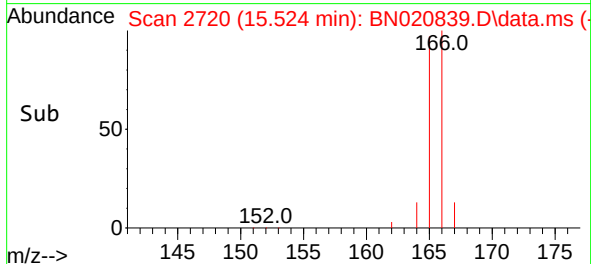
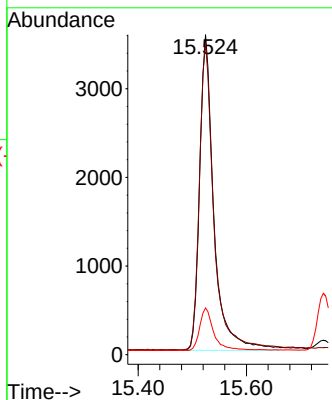
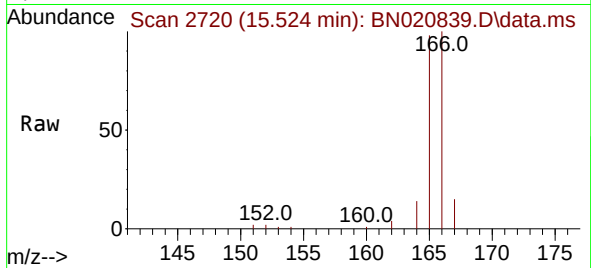




#12
Fluorene
Concen: 0.338 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

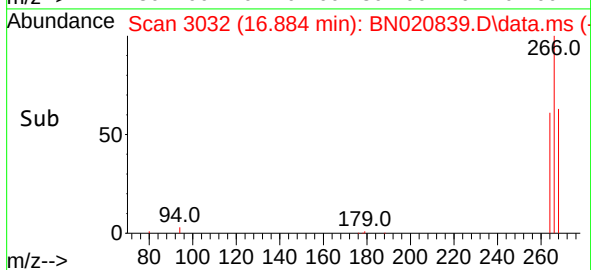
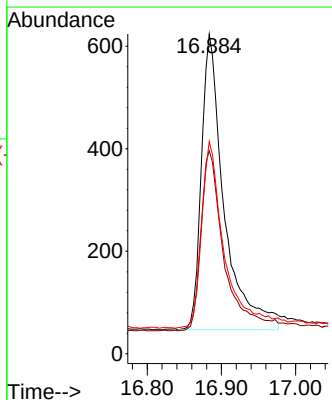
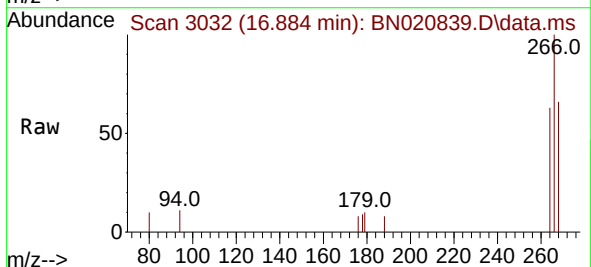
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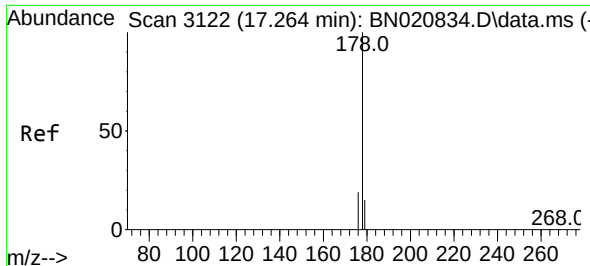
Tgt Ion:166 Resp: 6521
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 14.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.874 ng/ul
RT: 16.884 min Scan# 3032
Delta R.T. -0.008 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

Tgt Ion:266 Resp: 1227
Ion Ratio Lower Upper
266 100
264 62.2 51.6 77.4
268 62.7 51.5 77.3

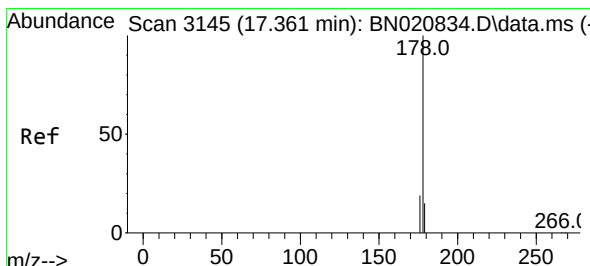
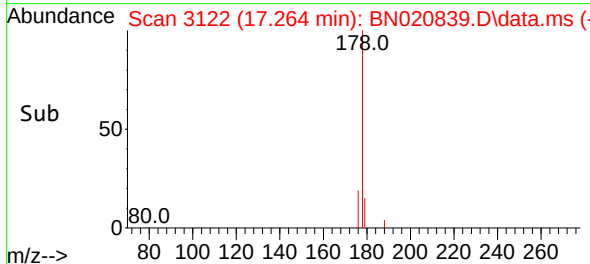
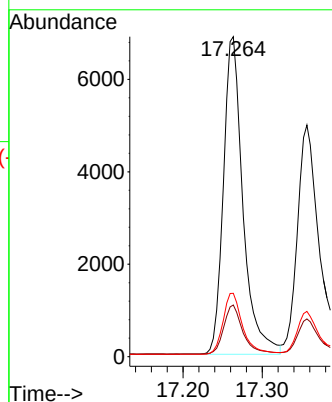
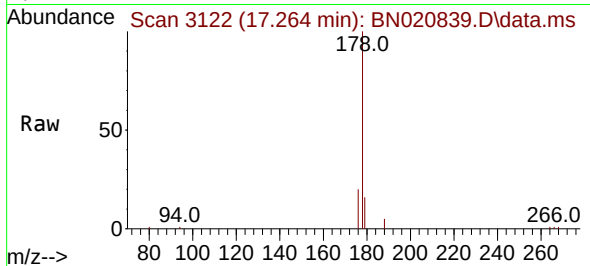




#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.264 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

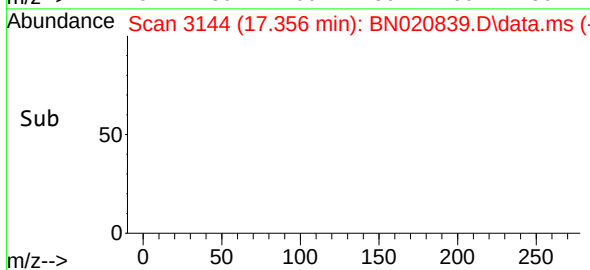
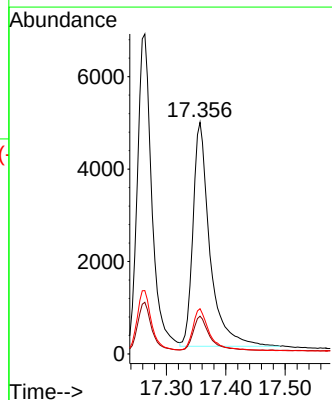
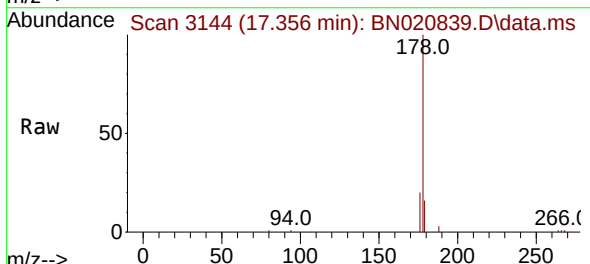
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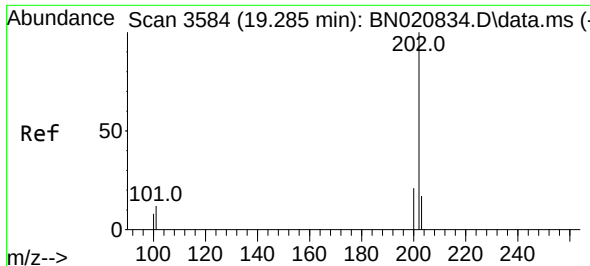
Tgt Ion:178 Resp: 11808
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

Tgt Ion:178 Resp: 9568
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.6 15.2 22.8

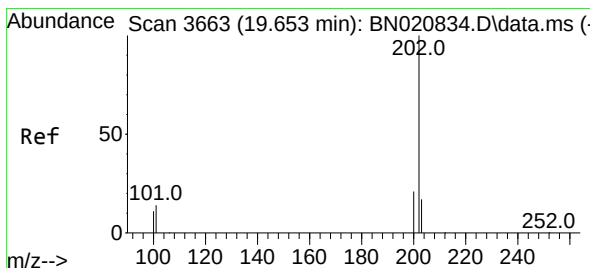
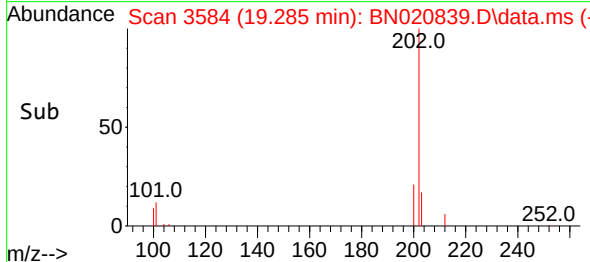
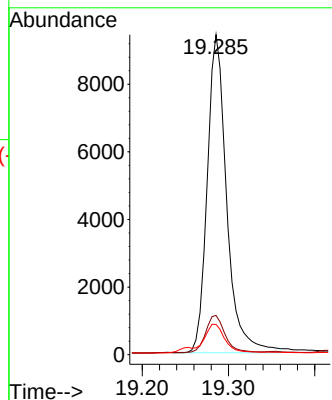
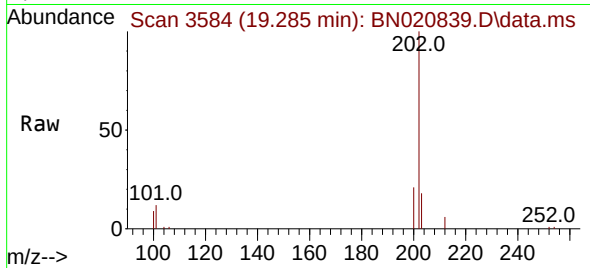




#19
Fluoranthene
Concen: 0.373 ng/u1
RT: 19.285 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

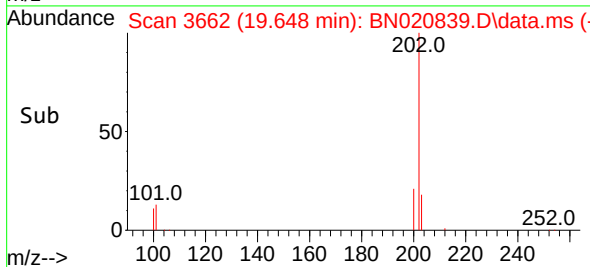
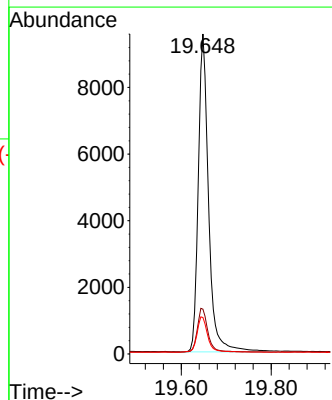
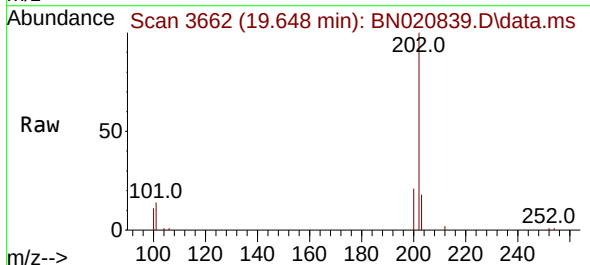
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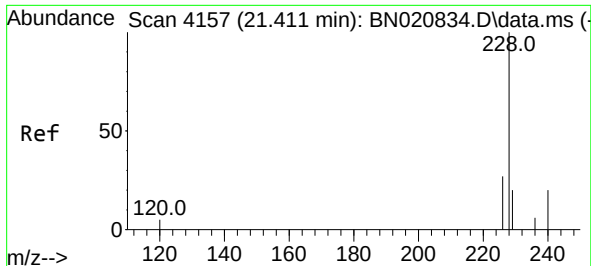
Tgt Ion:202 Resp: 14778
Ion Ratio Lower Upper
202 100
101 12.3 10.3 15.5
100 9.5 7.8 11.6



#20
Pyrene
Concen: 0.369 ng/u1
RT: 19.648 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

Tgt Ion:202 Resp: 15251
Ion Ratio Lower Upper
202 100
101 14.0 11.6 17.4
100 11.4 9.2 13.8

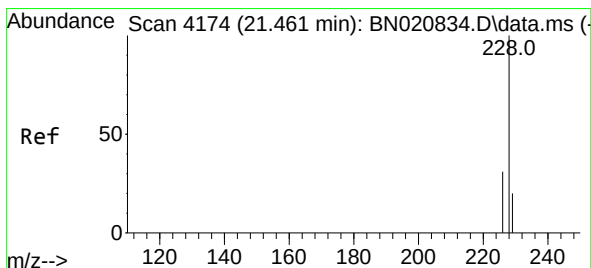
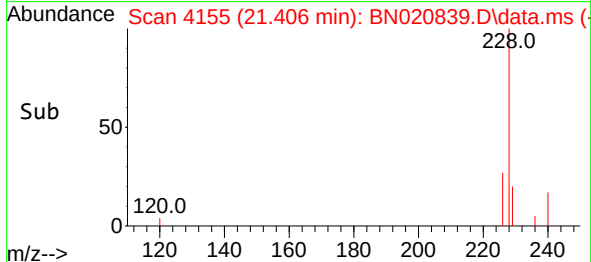
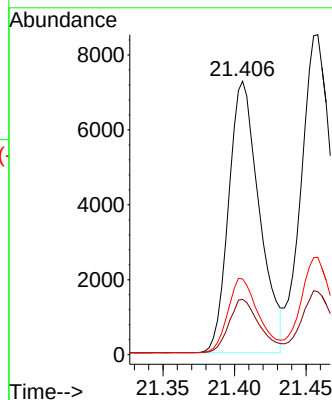
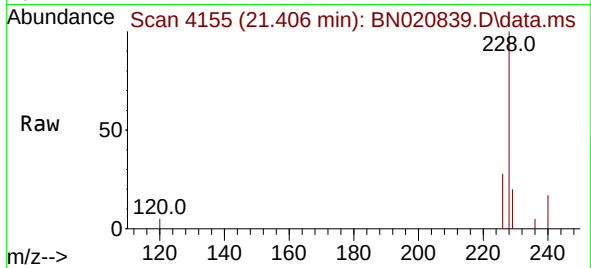




#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.406 min Scan# 4155
Delta R.T. -0.010 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

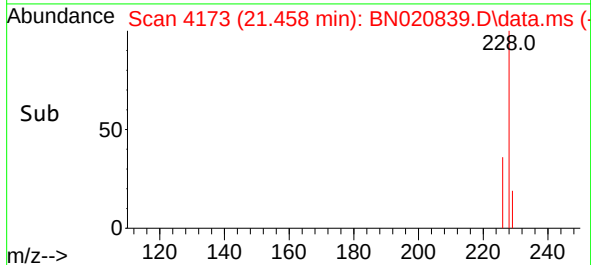
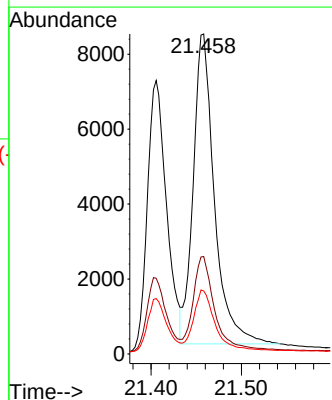
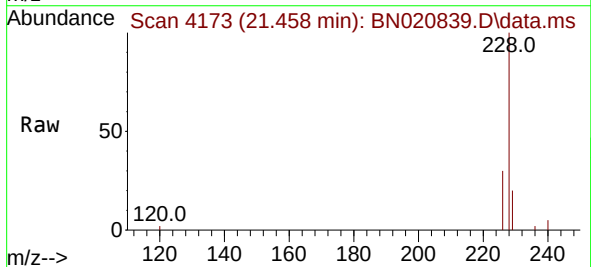
Instrument :
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ClientSampleId :
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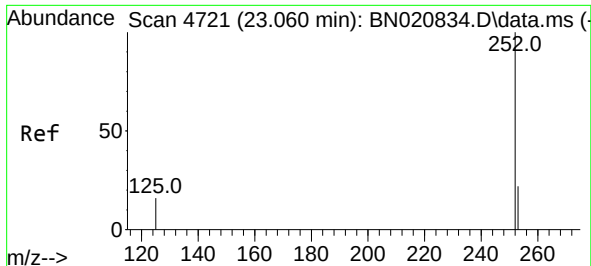
Tgt Ion:228 Resp: 10833
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.375 ng/ul
RT: 21.458 min Scan# 4173
Delta R.T. -0.007 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

Tgt Ion:228 Resp: 13497
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 19.7 15.8 23.8

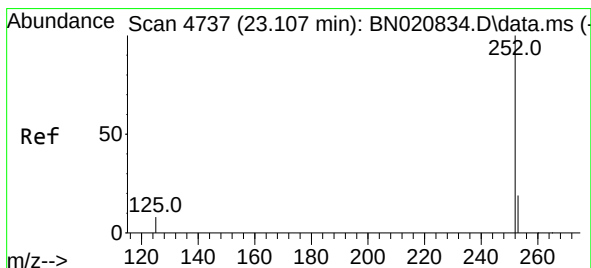
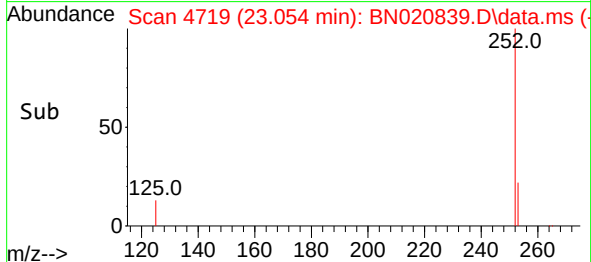
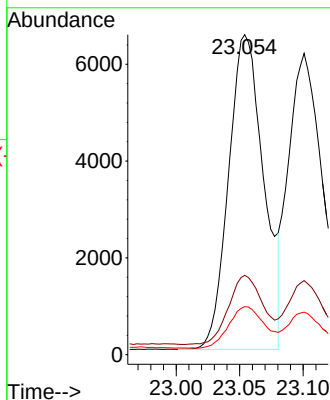
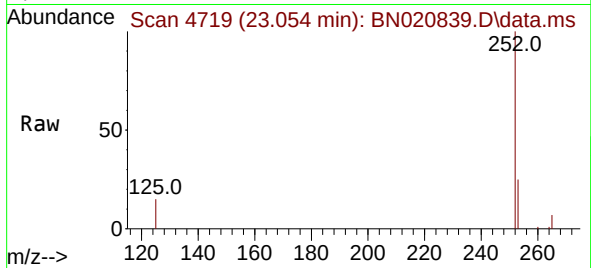




#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 23.054 min Scan# 4719
Delta R.T. -0.010 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

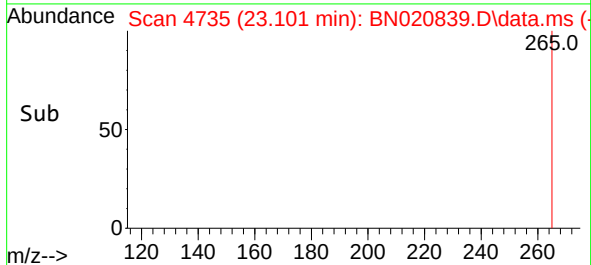
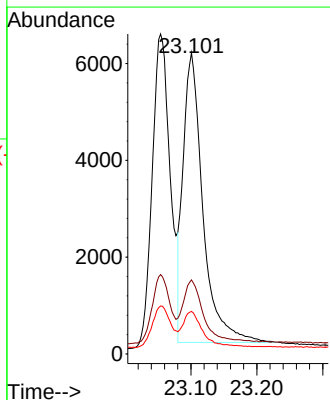
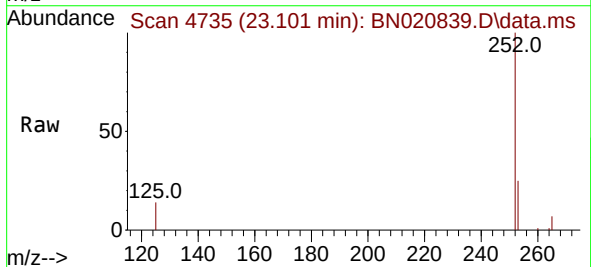
Instrument :
BNA_N
ClientSampleId :
GBHX2MSD

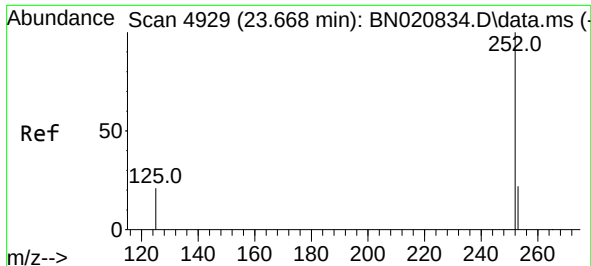
Tgt Ion:252 Resp: 12493
Ion Ratio Lower Upper
252 100
253 24.8 0.0 48.6
125 15.0 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 23.101 min Scan# 4735
Delta R.T. -0.007 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

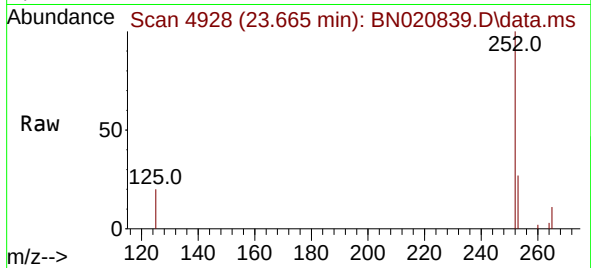
Tgt Ion:252 Resp: 12441
Ion Ratio Lower Upper
252 100
253 24.6 19.7 29.5
125 14.1 12.0 18.0



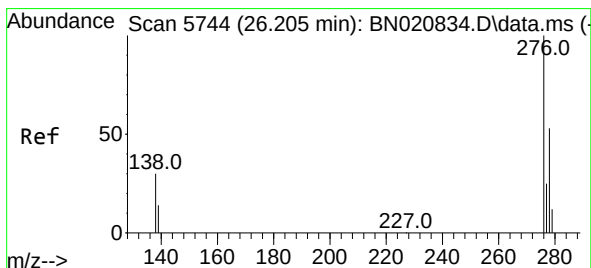
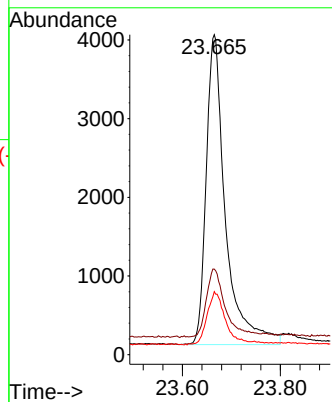
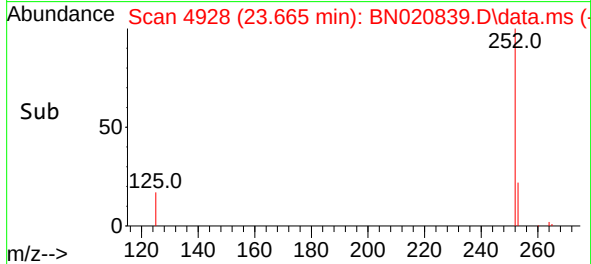


#26
Benzo(a)pyrene
Concen: 0.352 ng/ul
RT: 23.665 min Scan# 4928
Delta R.T. -0.010 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

Instrument :
BNA_N
ClientSampleId :
GBHX2MSD

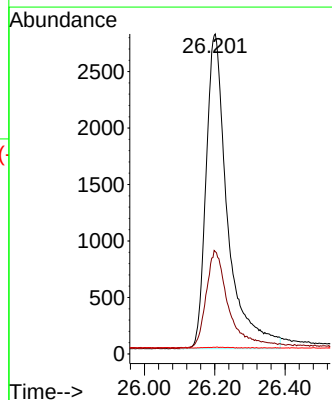
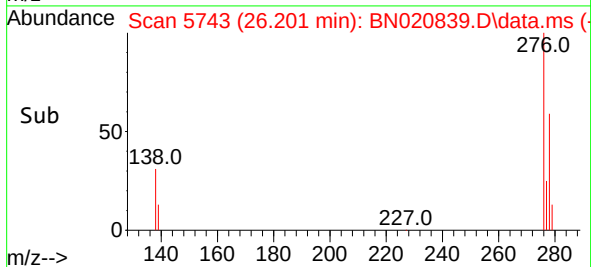
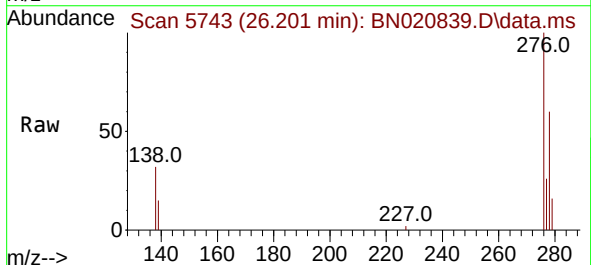


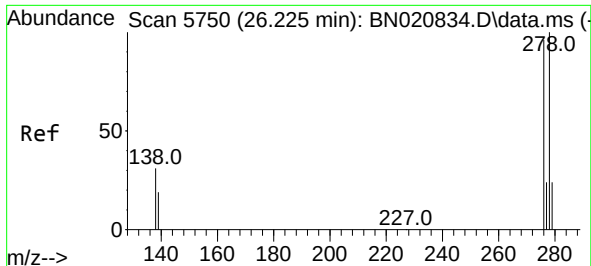
Tgt Ion:252 Resp: 10709
Ion Ratio Lower Upper
252 100
253 26.8 21.0 31.4
125 19.7 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.201 min Scan# 5743
Delta R.T. -0.008 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

Tgt Ion:276 Resp: 11800
Ion Ratio Lower Upper
276 100
138 32.6 27.4 41.2
227 0.1 0.2 0.2#

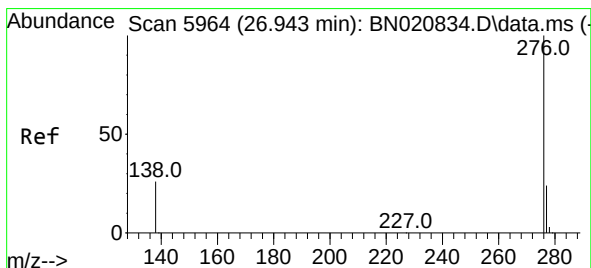
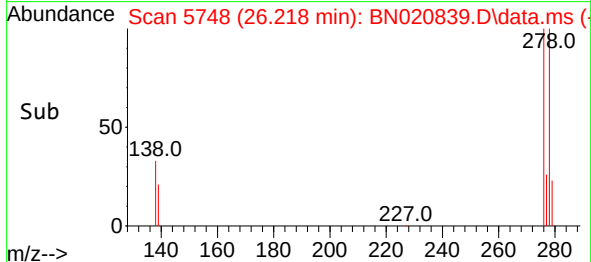
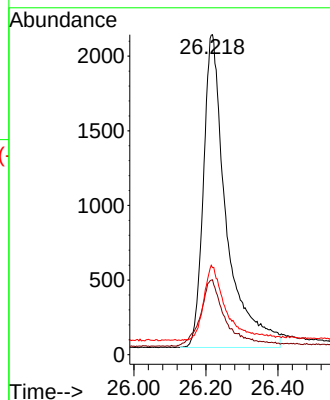
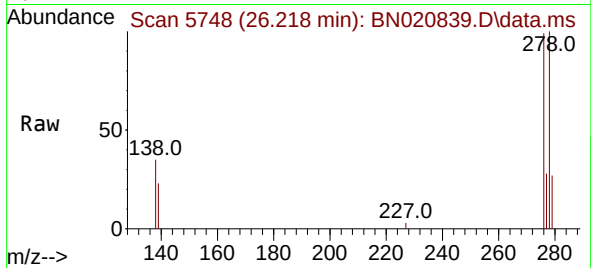




#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 26.218 min Scan# 51
Delta R.T. -0.012 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

Instrument :
BNA_N
ClientSampleId :
GBHX2MSD

Tgt Ion:278 Resp: 9244
Ion Ratio Lower Upper
278 100
139 23.4 18.8 28.2
279 27.2 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.374 ng/ul
RT: 26.933 min Scan# 5961
Delta R.T. -0.015 min
Lab File: BN020839.D
Acq: 26 Jul 2022 00:21

Tgt Ion:276 Resp: 10807
Ion Ratio Lower Upper
276 100
138 29.1 23.5 35.3
277 24.4 20.1 30.1

