

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020838.D
 Acq On : 25 Jul 2022 23:43
 Operator : CG/JU
 Sample : N3801-08MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GBHX2MS

Quant Time: Jul 26 00:31:40 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)

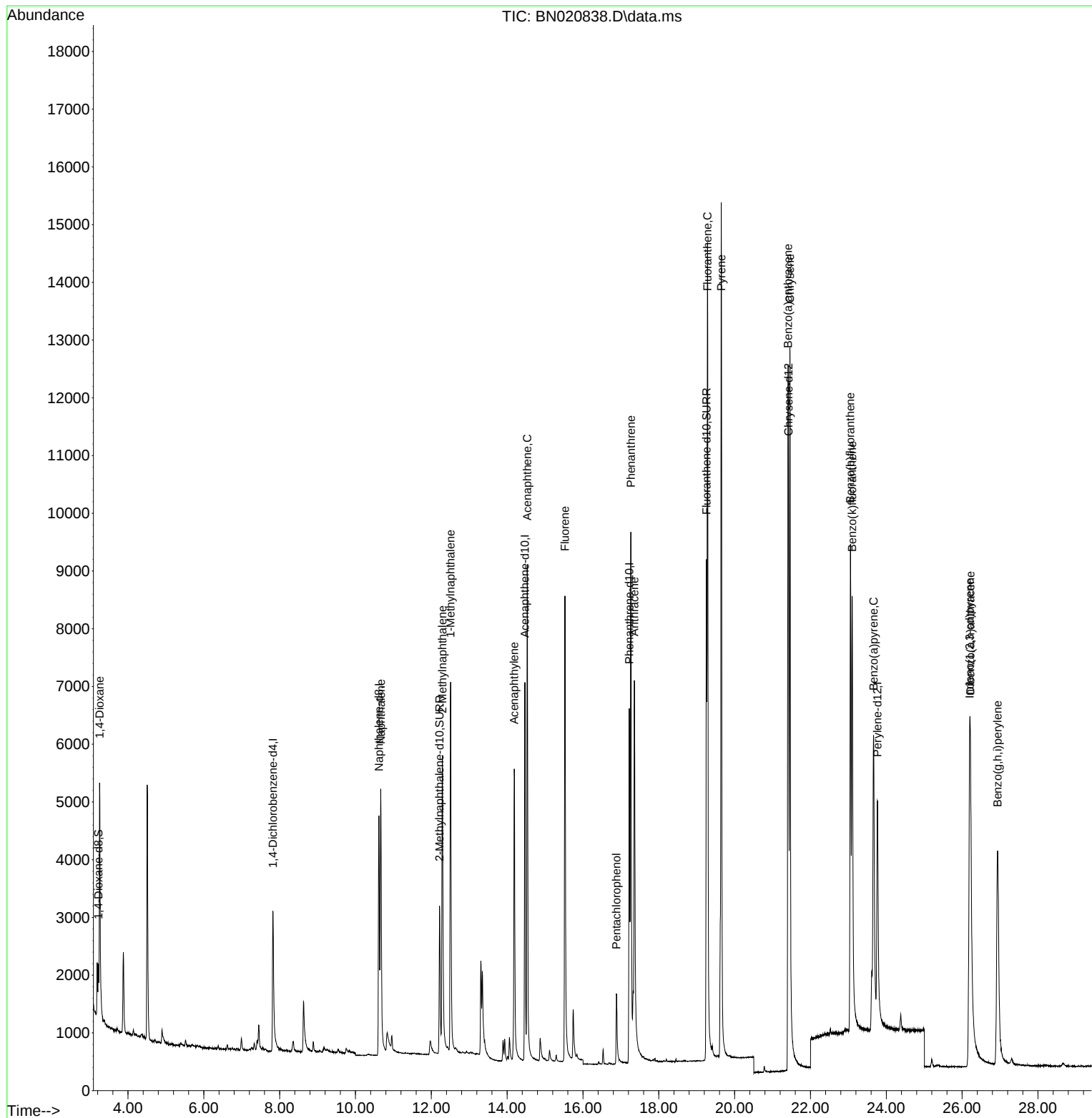
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	1918	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	6908	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	4005	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	8439	0.400	ng/ul	0.00
17) Chrysene-d12	21.422	240	7526	0.400	ng/ul	0.00
23) Perylene-d12	23.769	264	6134	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	744	0.323	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	4067	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.257	212	10841	0.451	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.252	88	2758	1.165	ng/ul#	86
5) Naphthalene	10.667	128	7787	0.360	ng/ul	100
7) 2-Methylnaphthalene	12.294	142	4745	0.347	ng/ul	99
8) 1-Methylnaphthalene	12.509	142	5160	0.389	ng/ul	100
10) Acenaphthylene	14.187	152	7191	0.361	ng/ul	99
11) Acenaphthene	14.529	153	5682	0.353	ng/ul	100
12) Fluorene	15.524	166	6467	0.366	ng/ul	100
14) Pentachlorophenol	16.883	266	1113	0.876	ng/ul	98
15) Phenanthrene	17.263	178	11558	0.374	ng/ul	99
16) Anthracene	17.356	178	9359	0.378	ng/ul	100
19) Fluoranthene	19.285	202	13791	0.391	ng/ul	99
20) Pyrene	19.648	202	14450	0.393	ng/ul	100
21) Benzo(a)anthracene	21.407	228	10110	0.407	ng/ul	100
22) Chrysene	21.457	228	12533	0.392	ng/ul	99
24) Benzo(b)fluoranthene	23.053	252	11546	0.397	ng/ul	97
25) Benzo(k)fluoranthene	23.099	252	11849	0.394	ng/ul	99
26) Benzo(a)pyrene	23.664	252	10042	0.375	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.196	276	10990	0.390	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.220	278	8597	0.400	ng/ul	98
29) Benzo(g,h,i)perylene	26.937	276	10026	0.394	ng/ul	99

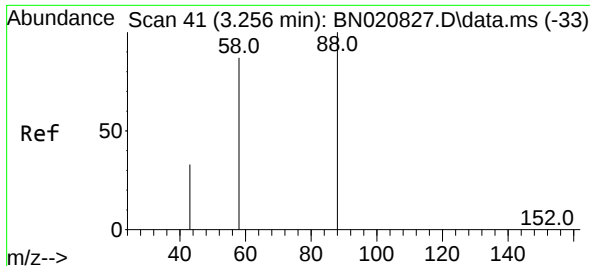
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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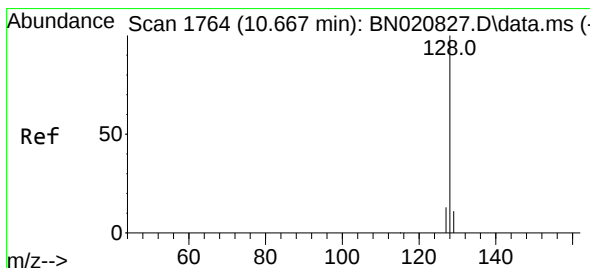
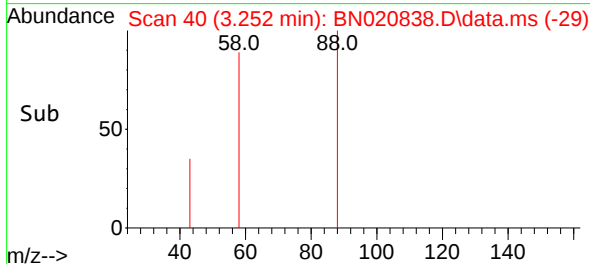
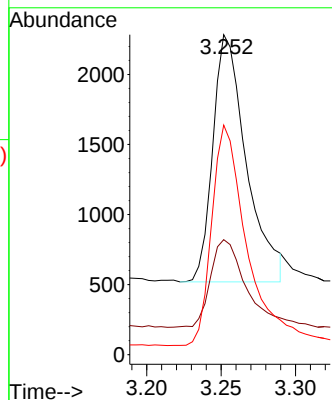
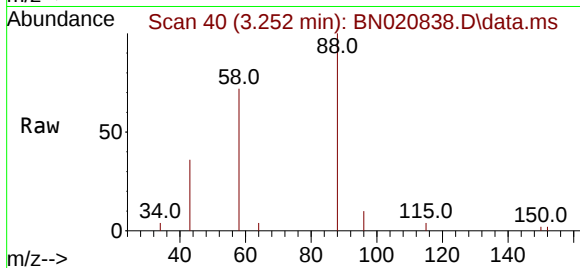




#2
 1,4-Dioxane
 Concen: 1.165 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020838.D
 Acq: 25 Jul 2022 23:43

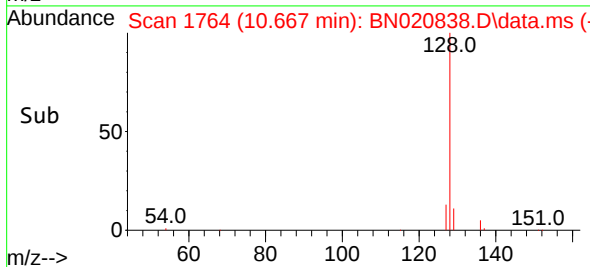
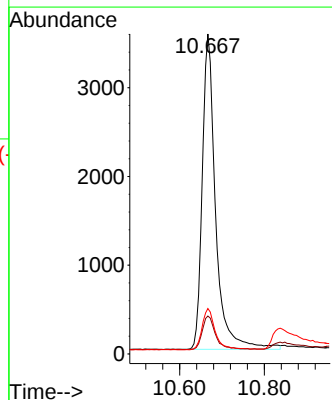
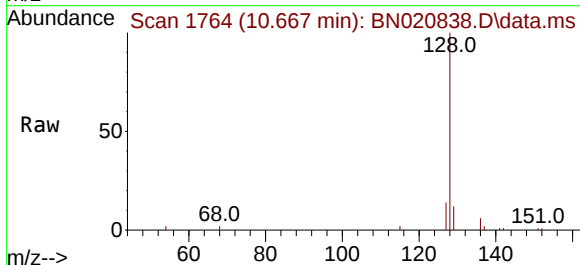
Instrument :
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 ClientSampleId :
 GBHX2MS

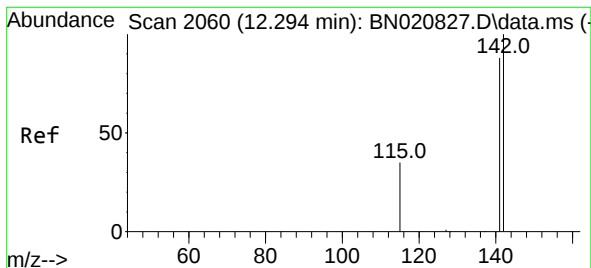
Tgt Ion: 88 Resp: 2758
 Ion Ratio Lower Upper
 88 100
 43 35.9 32.5 48.7
 58 71.8 46.2 69.2#



#5
 Naphthalene
 Concen: 0.360 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: BN020838.D
 Acq: 25 Jul 2022 23:43

Tgt Ion:128 Resp: 7787
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.5 14.3
 127 14.2 11.3 16.9

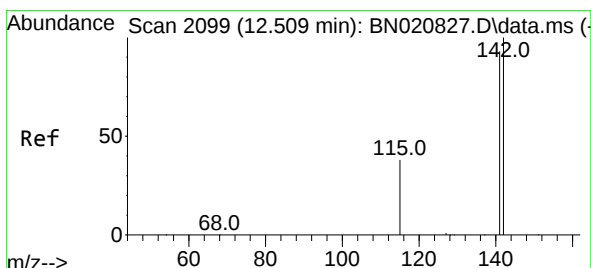
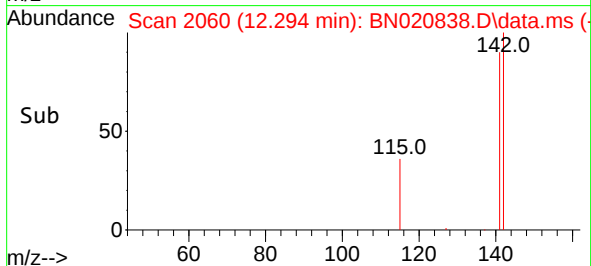
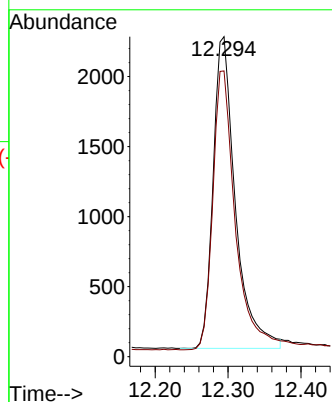
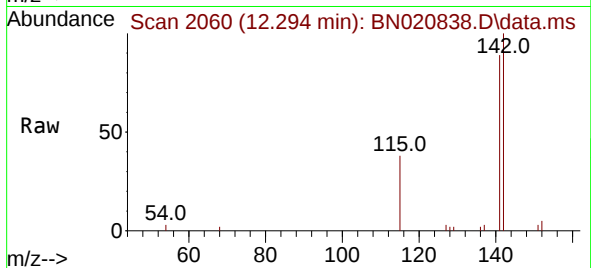




#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

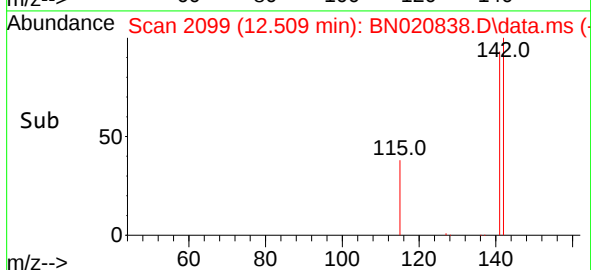
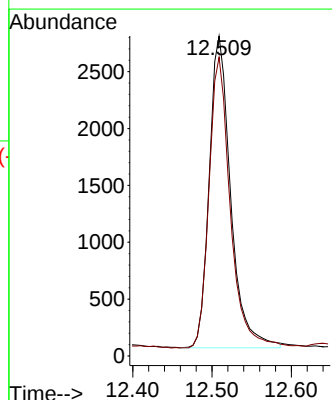
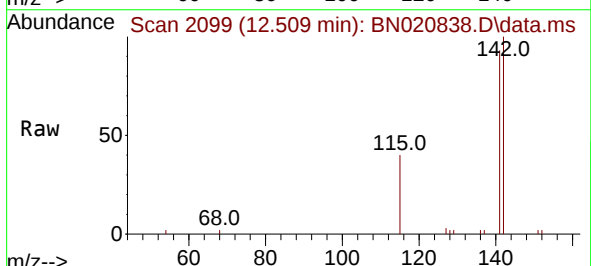
Instrument :
BNA_N
ClientSampleId :
GBHX2MS

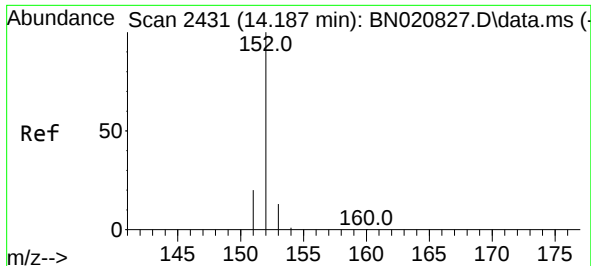
Tgt Ion:142 Resp: 4745
Ion Ratio Lower Upper
142 100
141 90.6 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

Tgt Ion:142 Resp: 5160
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5

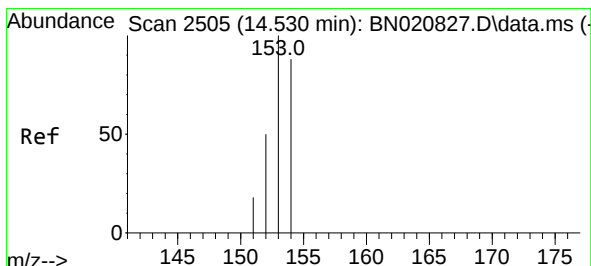
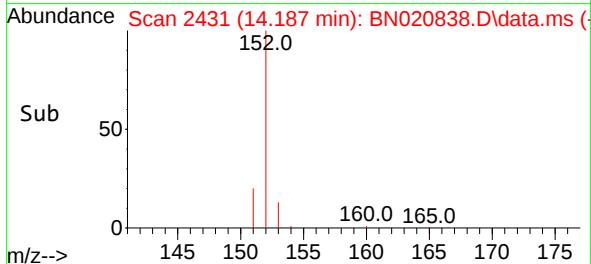
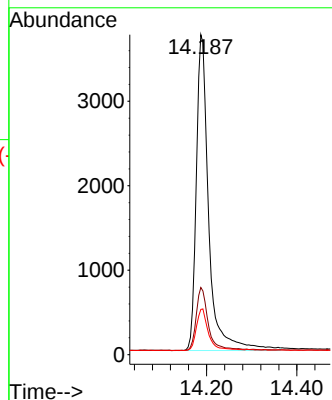
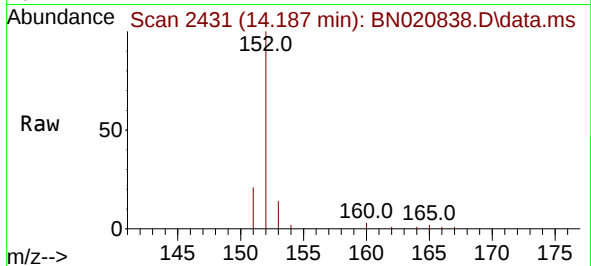




#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

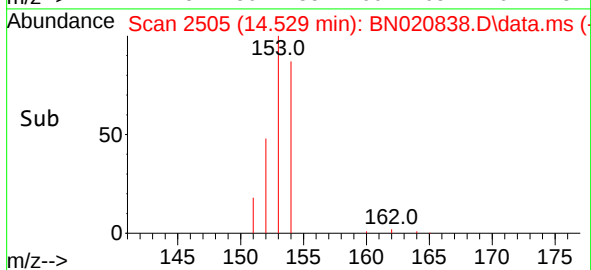
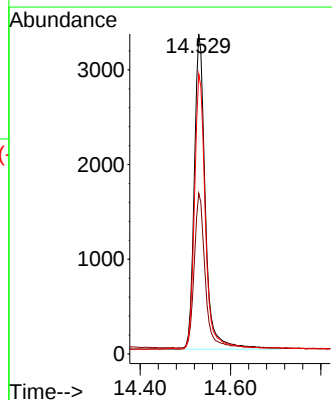
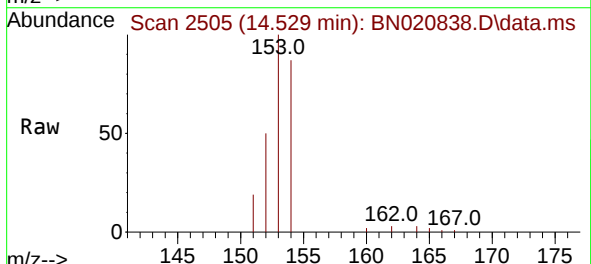
Instrument :
BNA_N
ClientSampleId :
GBHX2MS

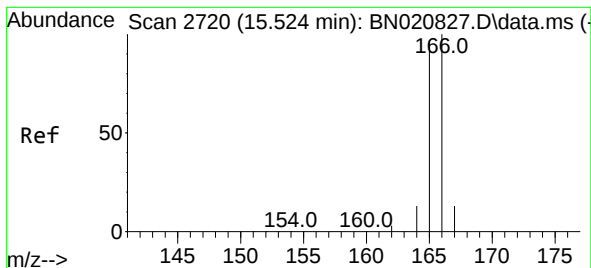
Tgt Ion:152 Resp: 7191
Ion Ratio Lower Upper
152 100
151 21.0 16.5 24.7
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

Tgt Ion:153 Resp: 5682
Ion Ratio Lower Upper
153 100
152 50.2 40.0 60.0
154 87.5 70.0 105.0





#12

Fluorene

Concen: 0.366 ng/ul

RT: 15.524 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN020838.D

Acq: 25 Jul 2022 23:43

Instrument :

BNA_N

ClientSampleId :

GBHX2MS

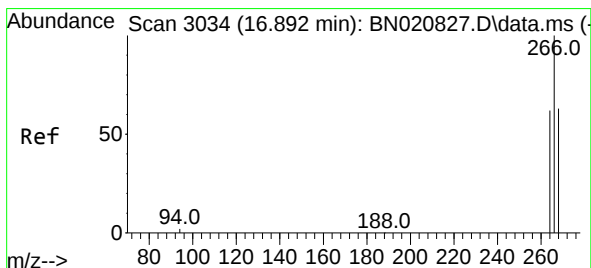
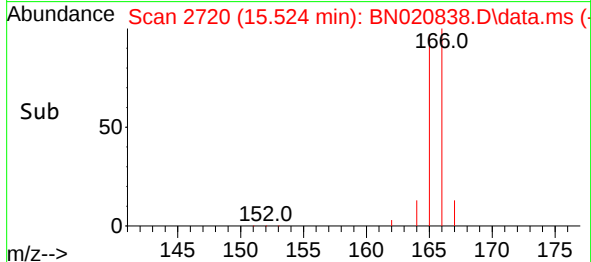
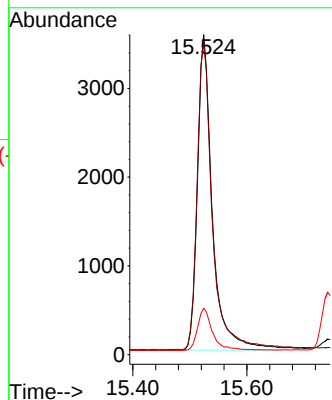
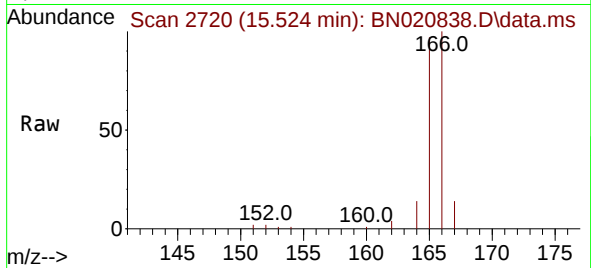
Tgt Ion:166 Resp: 6467

Ion Ratio Lower Upper

166 100

165 97.3 78.2 117.2

167 14.5 11.3 16.9



#14

Pentachlorophenol

Concen: 0.876 ng/ul

RT: 16.883 min Scan# 3032

Delta R.T. -0.008 min

Lab File: BN020838.D

Acq: 25 Jul 2022 23:43

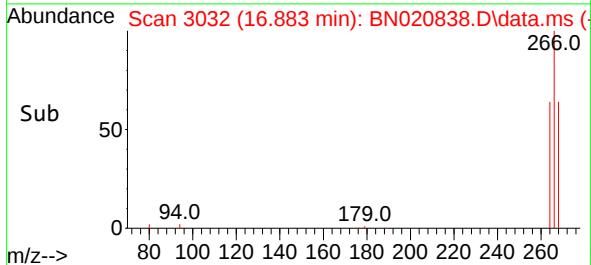
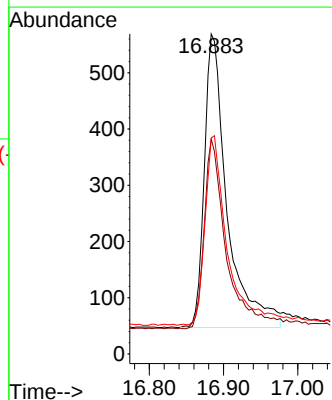
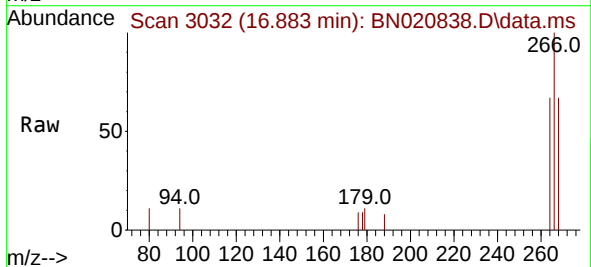
Tgt Ion:266 Resp: 1113

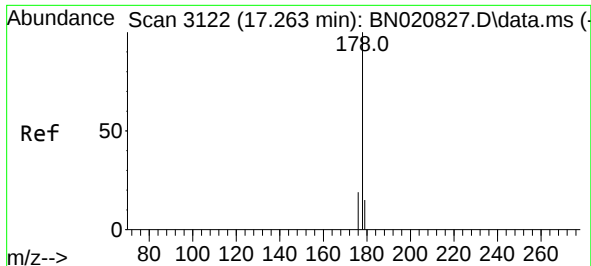
Ion Ratio Lower Upper

266 100

264 62.3 51.6 77.4

268 63.4 51.5 77.3

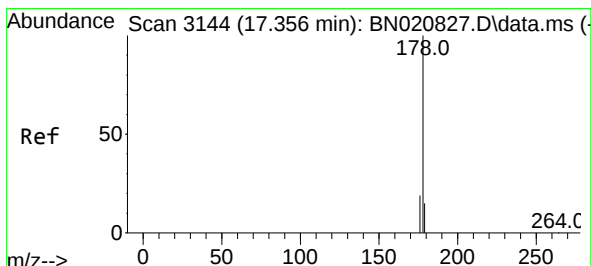
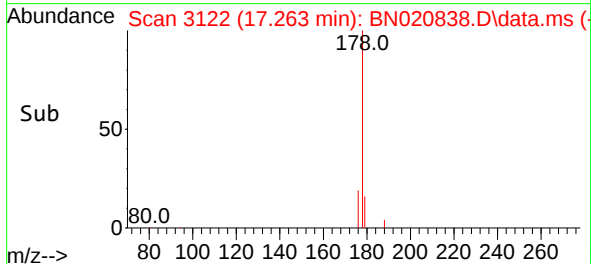
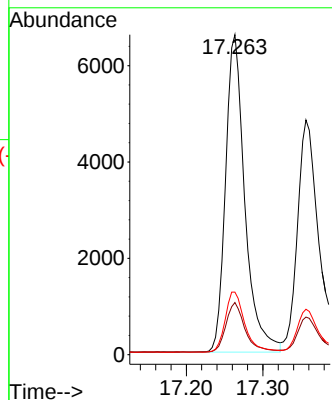
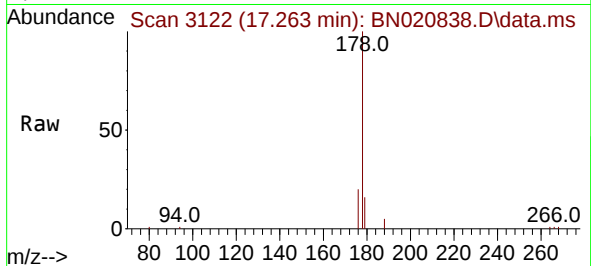




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.263 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

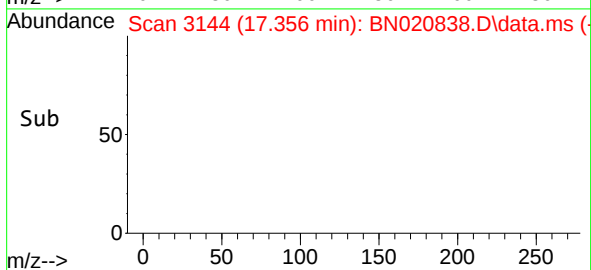
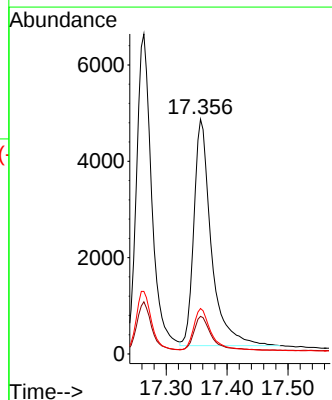
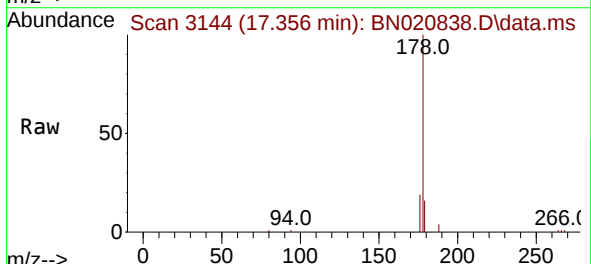
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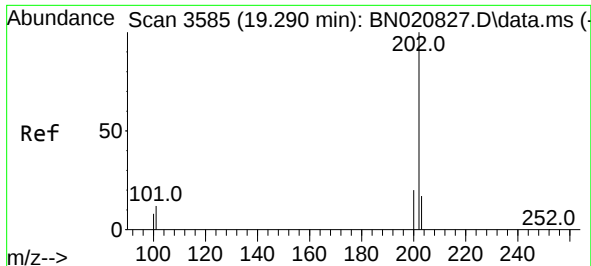
Tgt Ion:178 Resp: 11558
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

Tgt Ion:178 Resp: 9359
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.4 15.2 22.8

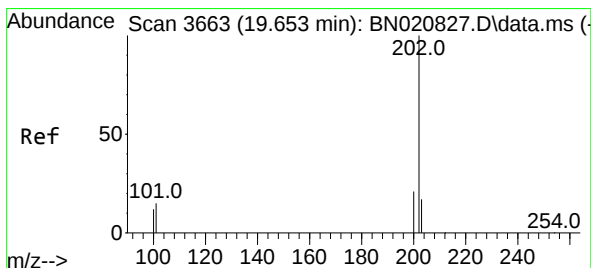
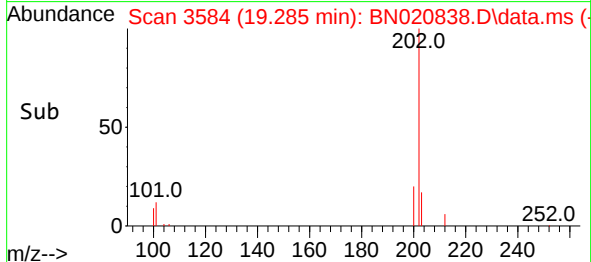
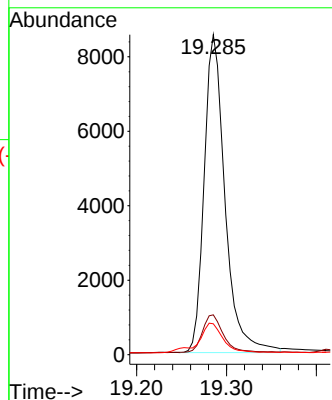
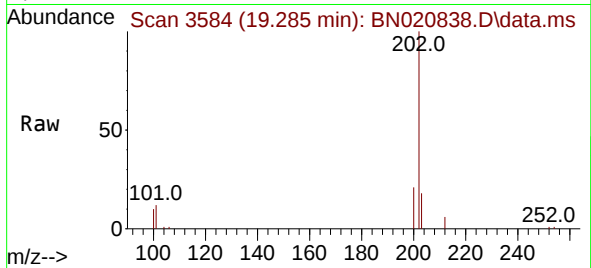




#19
Fluoranthene
Concen: 0.391 ng/ul
RT: 19.285 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

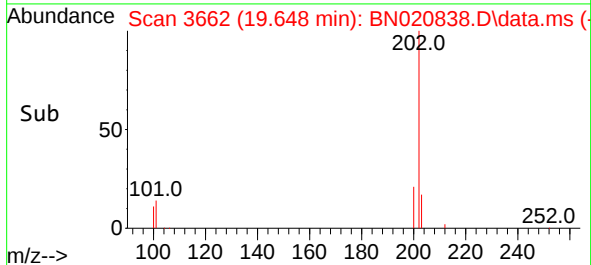
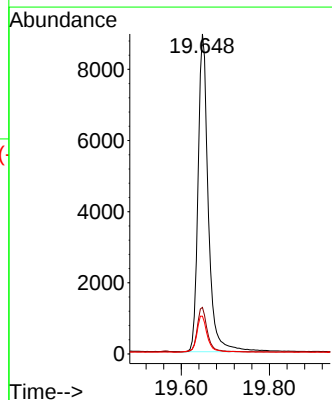
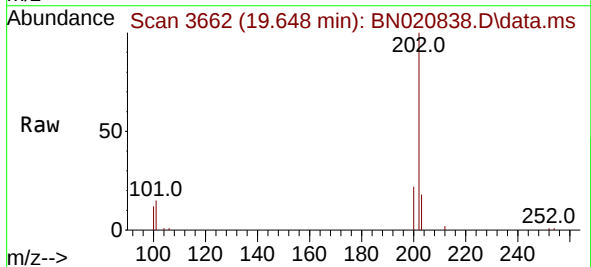
Instrument :
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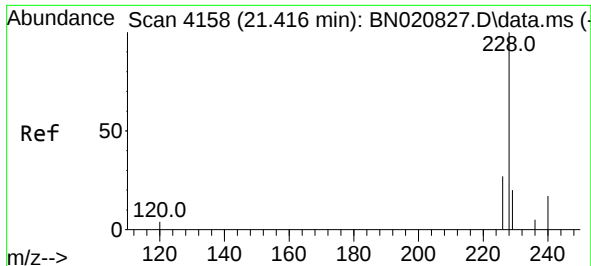
Tgt Ion:	202	Resp:	13791
Ion Ratio	Lower	Upper	
202	100		
101	12.4	10.3	15.5
100	9.7	7.8	11.6



#20
Pyrene
Concen: 0.393 ng/ul
RT: 19.648 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

Tgt Ion:	202	Resp:	14450
Ion Ratio	Lower	Upper	
202	100		
101	14.6	11.6	17.4
100	11.8	9.2	13.8

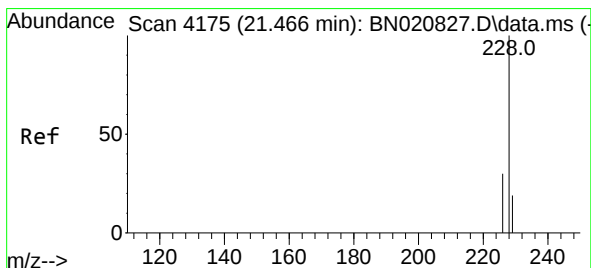
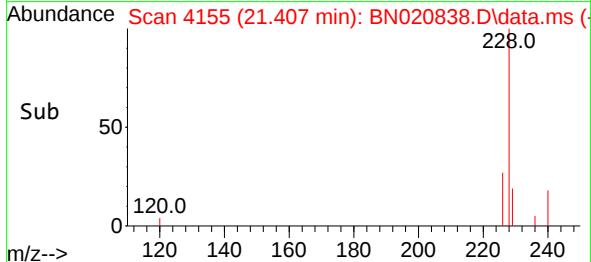
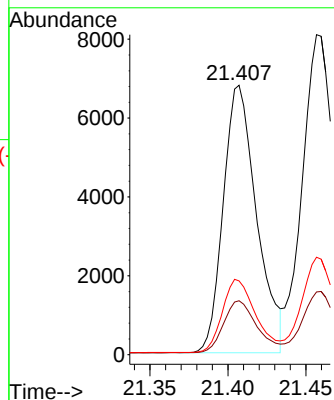
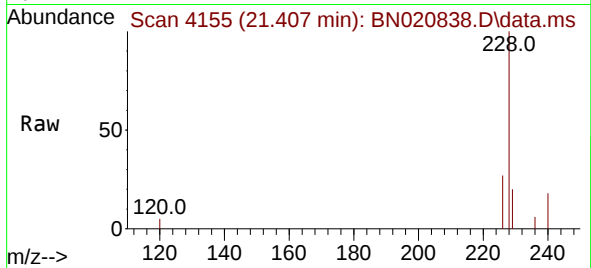




#21
Benzo(a)anthracene
Concen: 0.407 ng/ul
RT: 21.407 min Scan# 4158
Delta R.T. -0.009 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

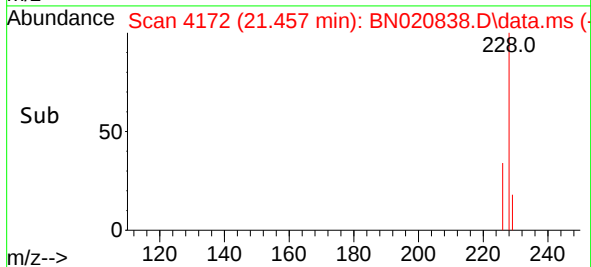
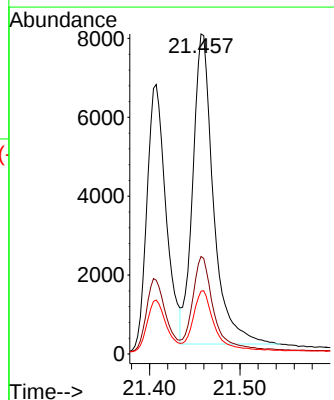
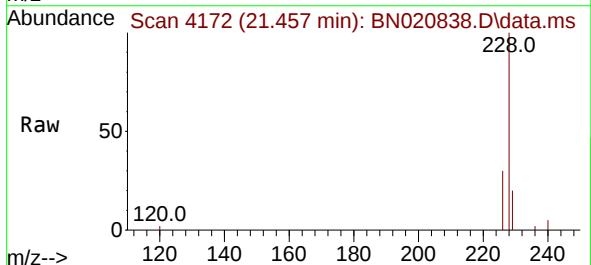
Instrument :
BNA_N
ClientSampleId :
GBHX2MS

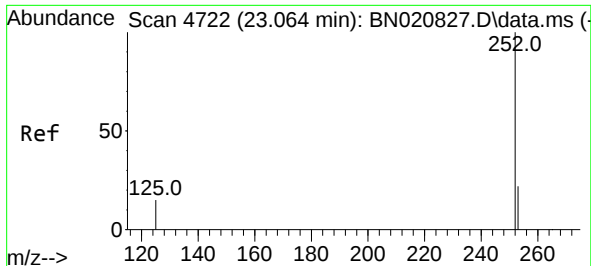
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Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.457 min Scan# 4172
Delta R.T. -0.009 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

Tgt Ion:228 Resp: 12533
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 19.6 15.8 23.8

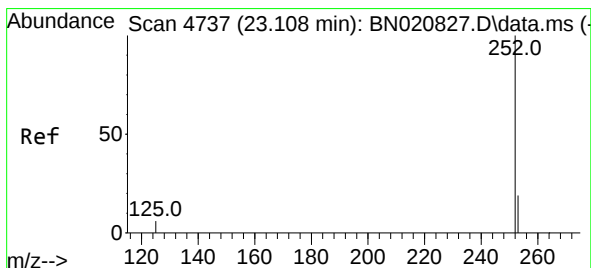
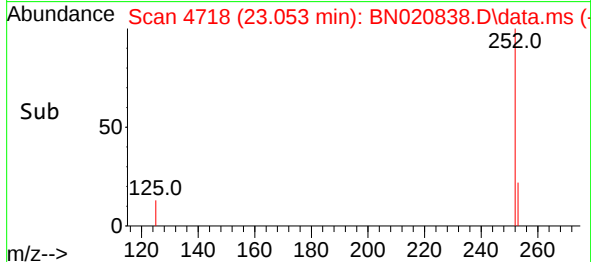
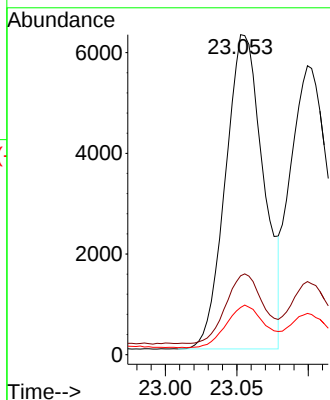
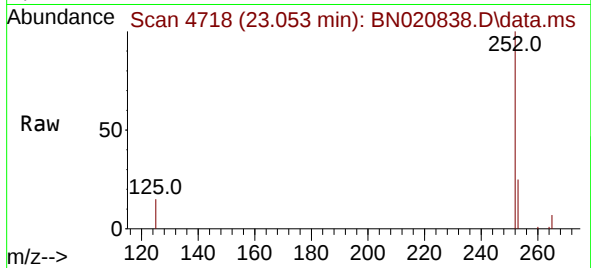




#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul
RT: 23.053 min Scan# 4718
Delta R.T. -0.012 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

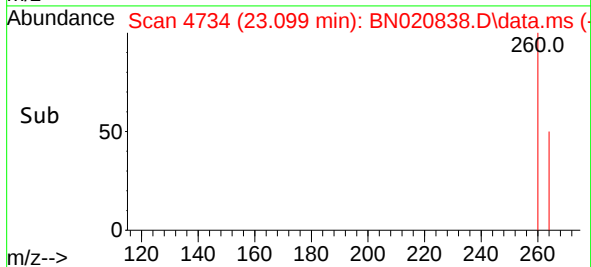
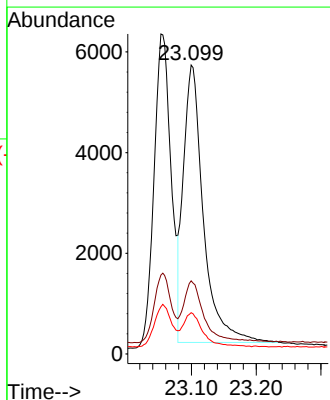
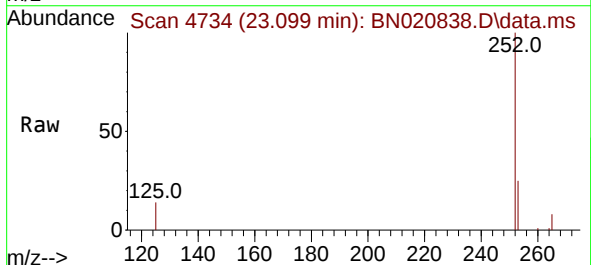
Instrument :
BNA_N
ClientSampleId :
GBHX2MS

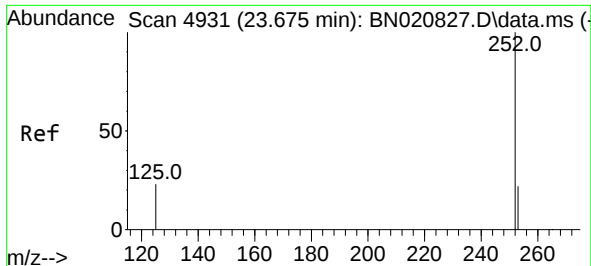
Tgt Ion:252 Resp: 11546
Ion Ratio Lower Upper
252 100
253 24.6 0.0 48.6
125 14.7 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 23.099 min Scan# 4734
Delta R.T. -0.009 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

Tgt Ion:252 Resp: 11849
Ion Ratio Lower Upper
252 100
253 25.3 19.7 29.5
125 14.3 12.0 18.0

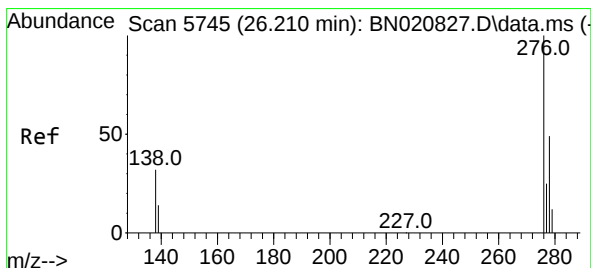
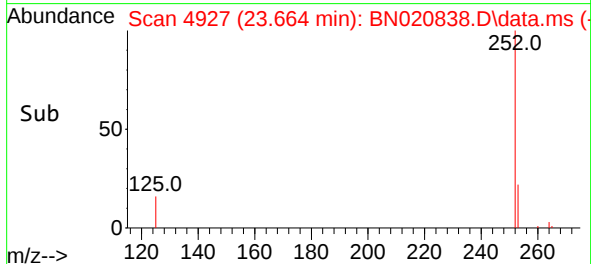
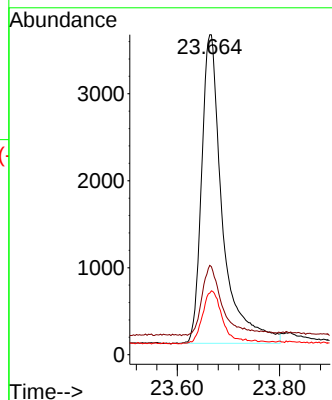
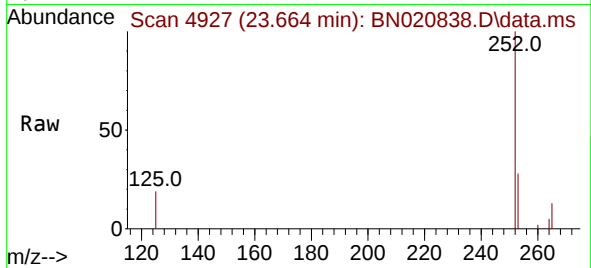




#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.664 min Scan# 4931
Delta R.T. -0.012 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

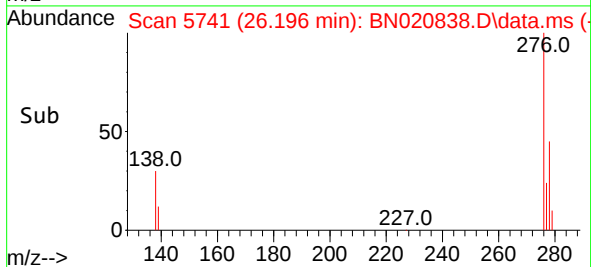
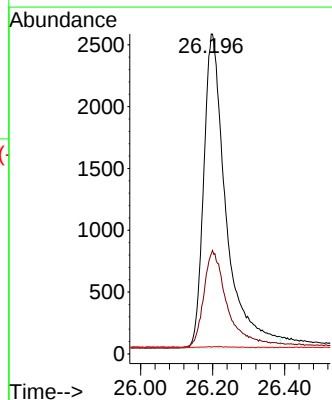
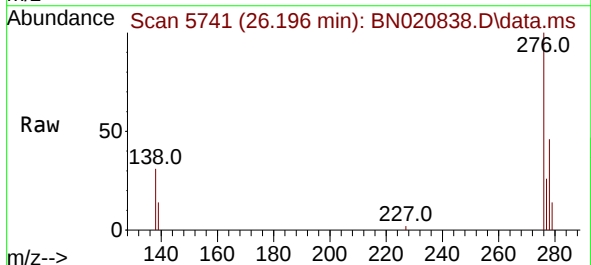
Instrument :
BNA_N
ClientSampleId :
GBHX2MS

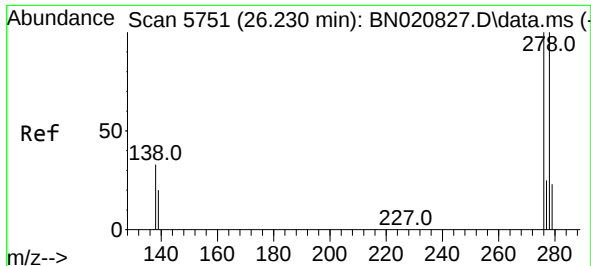
Tgt Ion:252 Resp: 10042
Ion Ratio Lower Upper
252 100
253 27.9 21.0 31.4
125 19.3 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 26.196 min Scan# 5741
Delta R.T. -0.013 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

Tgt Ion:276 Resp: 10990
Ion Ratio Lower Upper
276 100
138 32.8 27.4 41.2
227 0.0 0.2 0.2#

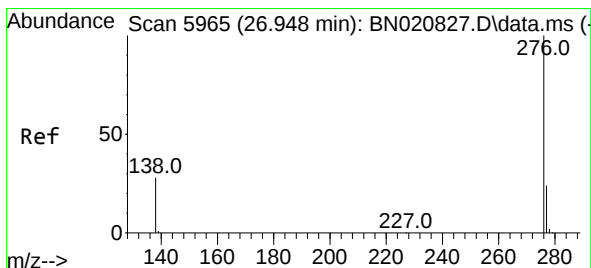
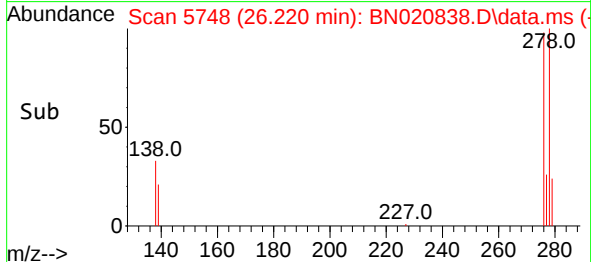
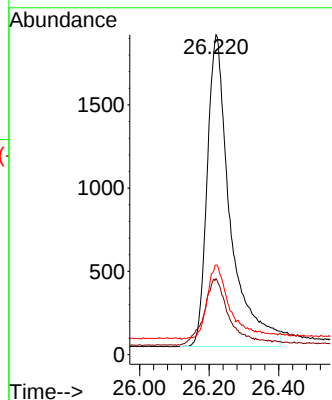
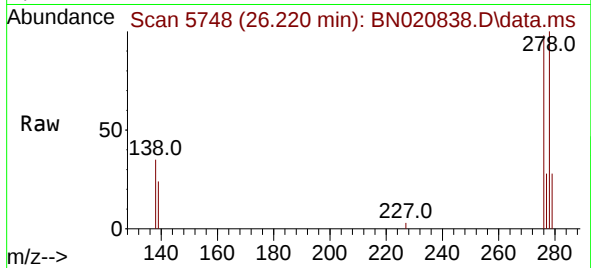




#28
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 26.220 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

Instrument :
BNA_N
ClientSampleId :
GBHX2MS

Tgt Ion: 278 Resp: 8597
Ion Ratio Lower Upper
278 100
139 23.7 18.8 28.2
279 28.0 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 26.937 min Scan# 5962
Delta R.T. -0.010 min
Lab File: BN020838.D
Acq: 25 Jul 2022 23:43

Tgt Ion: 276 Resp: 10026
Ion Ratio Lower Upper
276 100
138 28.7 23.5 35.3
277 25.4 20.1 30.1

