

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081422\
 Data File : BN021217.D
 Acq On : 14 Aug 2022 15:00
 Operator : CG/JU
 Sample : PB146983BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK983

Quant Time: Aug 15 00:41:21 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 : Sat Aug 13 04:02:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

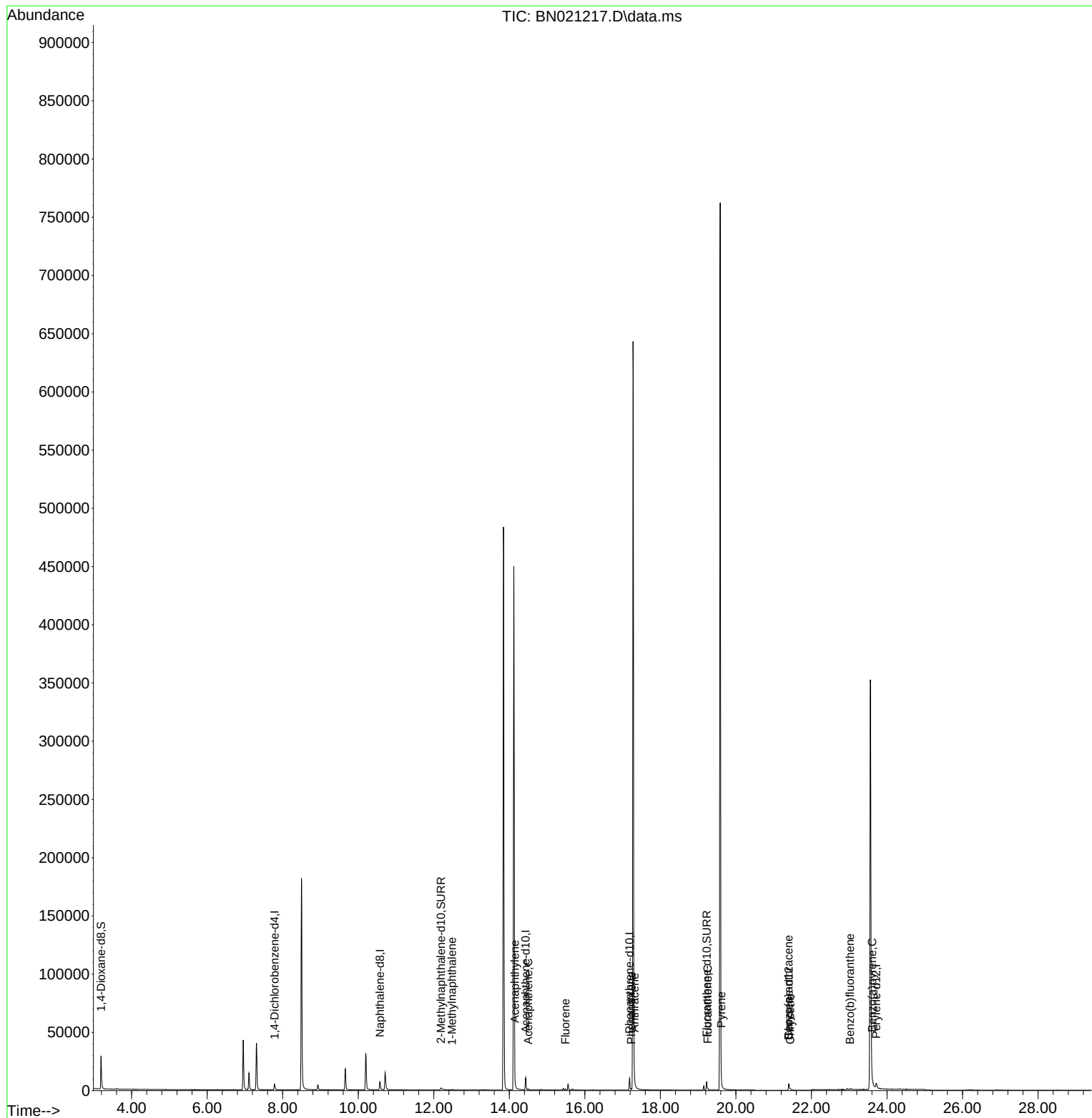
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	3064	0.400	ng/ul	0.00
4) Naphthalene-d8	10.574	136	10340	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.434	164	6093	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.184	188	11999	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	7198	0.400	ng/ul	0.00
23) Perylene-d12	23.716	264	7360	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.190	96	18301	4.669	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.191	152	3886	0.257	ng/ul	0.00
18) Fluoranthene-d10	19.226	212	8303	0.374	ng/ul	0.00
Target Compounds						
					Qvalue	
8) 1-Methylnaphthalene	12.483	142	390	0.020	ng/ul	97
10) Acenaphthylene	14.147	152	929	0.033	ng/ul#	84
11) Acenaphthene	14.498	153	570	0.024	ng/ul	93
12) Fluorene	15.484	166	753	0.029	ng/ul#	97
15) Phenanthrene	17.227	178	1132	0.026	ng/ul#	88
16) Anthracene	17.315	178	1319	0.040	ng/ul#	90
19) Fluoranthene	19.254	202	1101	0.035	ng/ul#	81
20) Pyrene	19.612	202	1192	0.036	ng/ul#	65
21) Benzo(a)anthracene	21.395	228	573	0.024	ng/ul#	79
22) Chrysene	21.436	228	887	0.029	ng/ul#	85
24) Benzo(b)fluoranthene	23.023	252	738	0.022	ng/ul#	7
26) Benzo(a)pyrene	23.608	252	701	0.023	ng/ul#	29

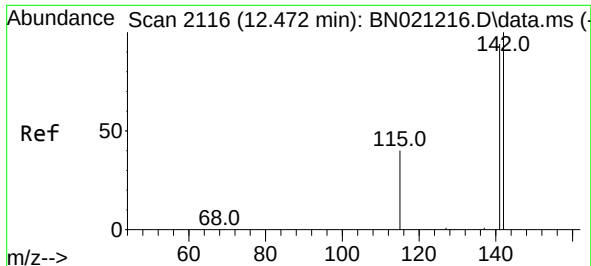
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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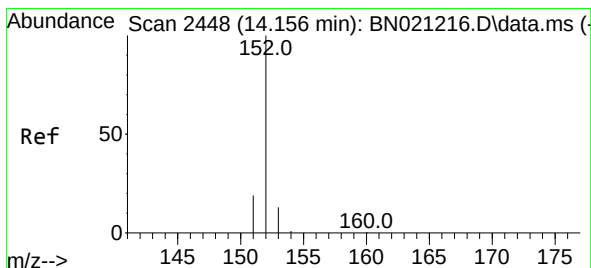
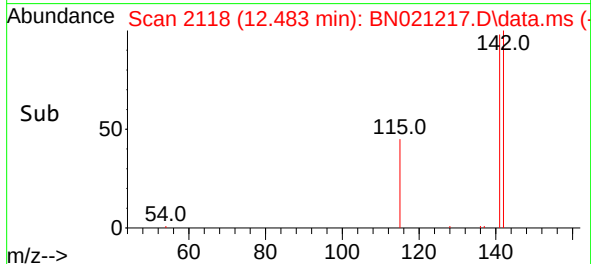
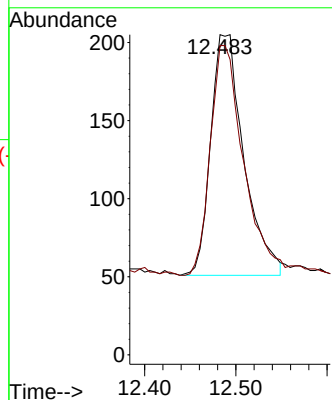
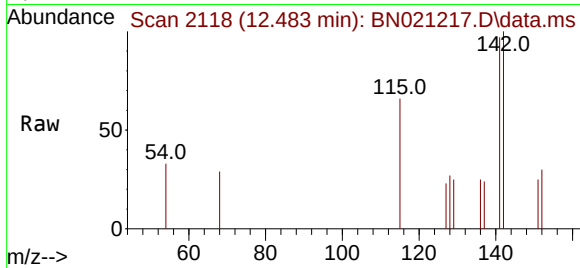




#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.483 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BN021217.D
Acq: 14 Aug 2022 15:00

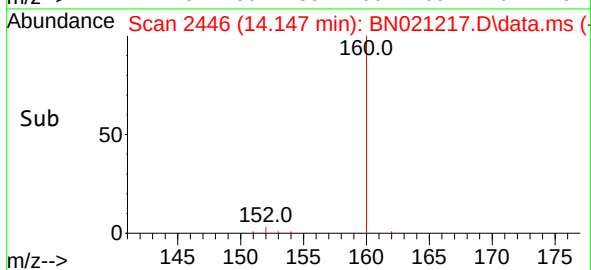
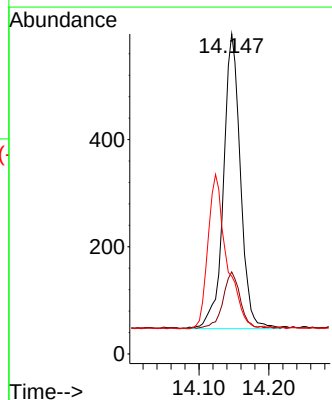
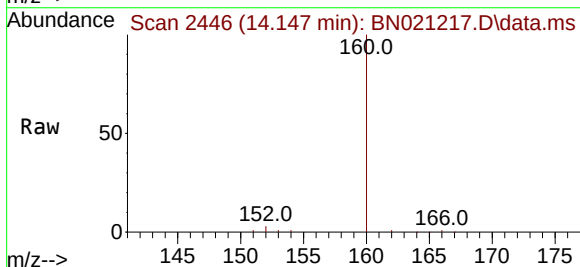
Instrument :
BNA_N
ClientSampleId :
SBLK983

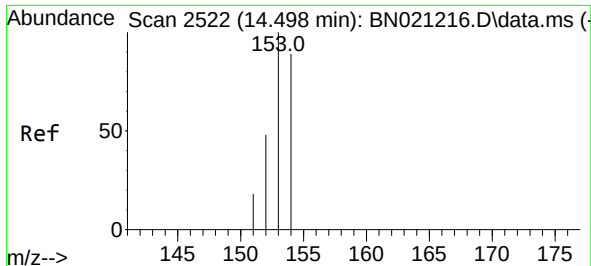
Tgt Ion:142 Resp: 390
Ion Ratio Lower Upper
142 100
141 95.1 73.9 110.9



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.147 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BN021217.D
Acq: 14 Aug 2022 15:00

Tgt Ion:152 Resp: 929
Ion Ratio Lower Upper
152 100
151 25.6 16.9 25.3#
153 24.3 11.2 16.8#

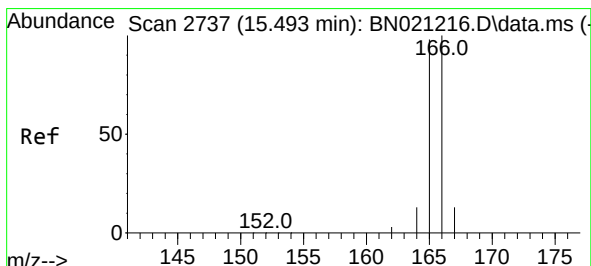
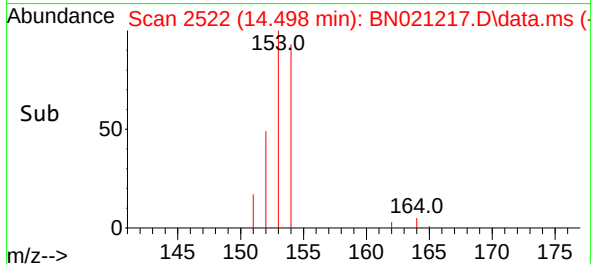
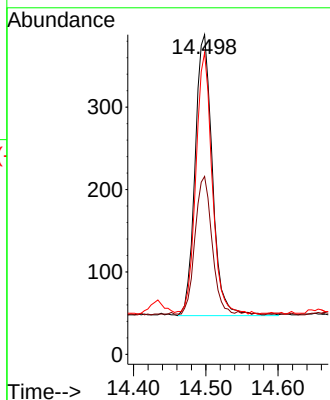
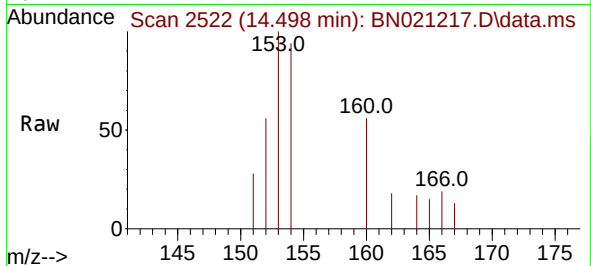




#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021217.D
Acq: 14 Aug 2022 15:00

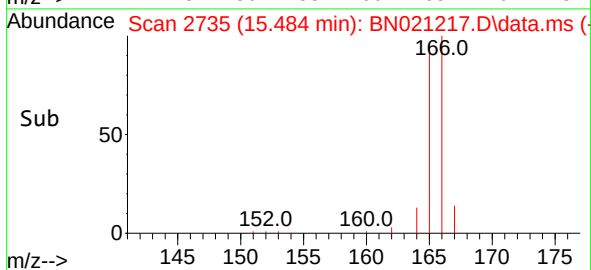
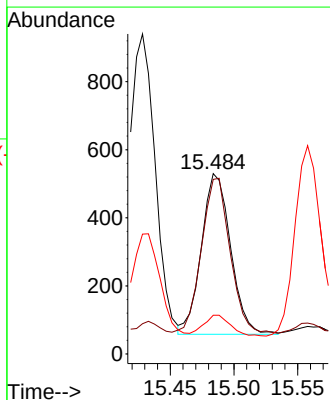
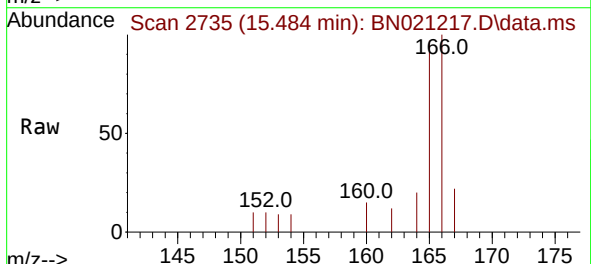
Instrument :
BNA_N
ClientSampleId :
SBLK983

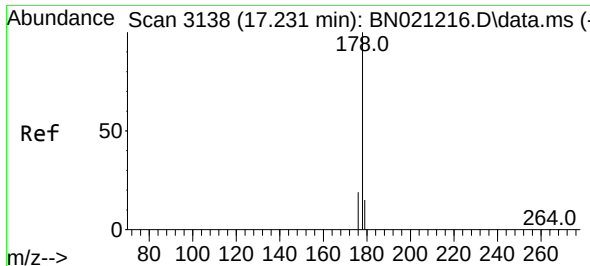
Tgt Ion:153 Resp: 570
Ion Ratio Lower Upper
153 100
152 55.7 40.2 60.4
154 94.3 70.7 106.1



#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.484 min Scan# 2735
Delta R.T. -0.009 min
Lab File: BN021217.D
Acq: 14 Aug 2022 15:00

Tgt Ion:166 Resp: 753
Ion Ratio Lower Upper
166 100
165 96.8 78.6 117.8
167 21.5 11.8 17.6#

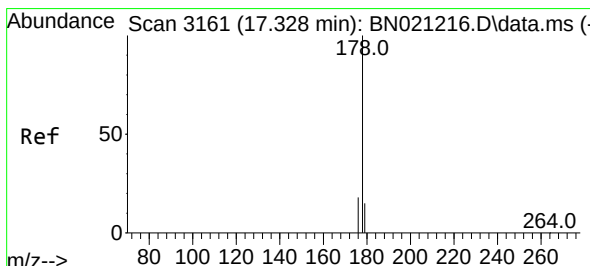
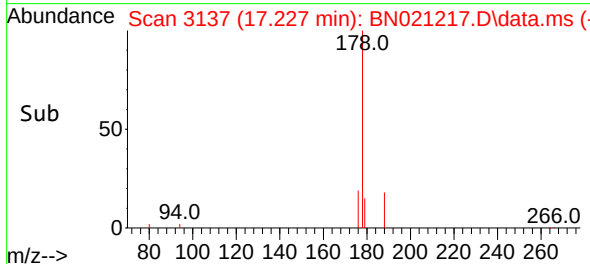
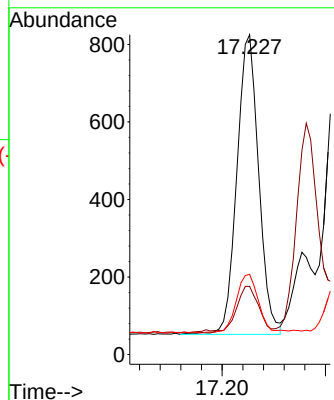
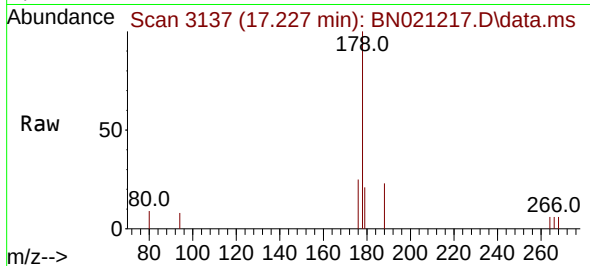




#15
Phenanthrene
Concen: 0.026 ng/ul
RT: 17.227 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BN021217.D
Acq: 14 Aug 2022 15:00

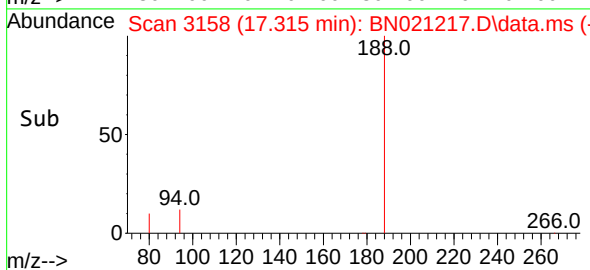
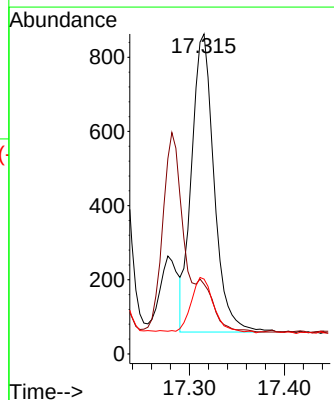
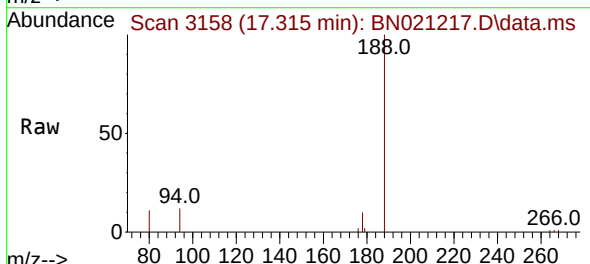
Instrument :
BNA_N
ClientSampleId :
SBLK983

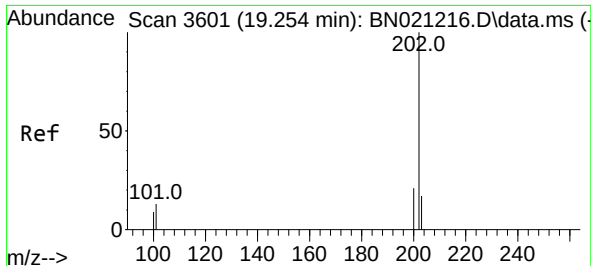
Tgt Ion:178 Resp: 1132
Ion Ratio Lower Upper
178 100
179 21.3 12.8 19.2#
176 25.1 15.9 23.9#



#16
Anthracene
Concen: 0.040 ng/ul
RT: 17.315 min Scan# 3158
Delta R.T. -0.012 min
Lab File: BN021217.D
Acq: 14 Aug 2022 15:00

Tgt Ion:178 Resp: 1319
Ion Ratio Lower Upper
178 100
179 21.8 12.9 19.3#
176 23.4 15.9 23.9

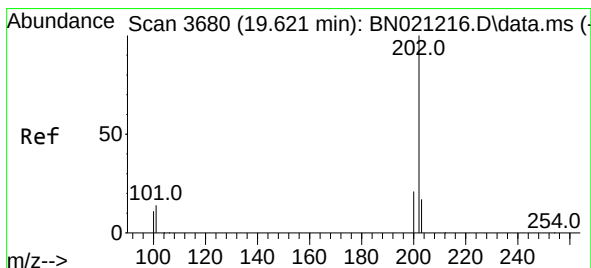
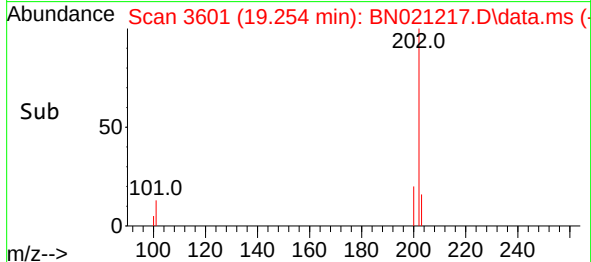
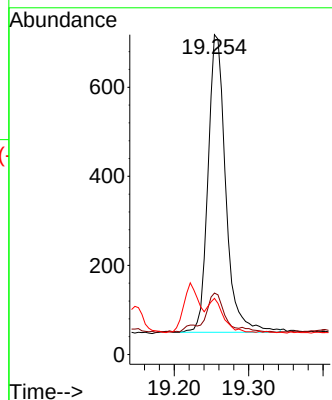
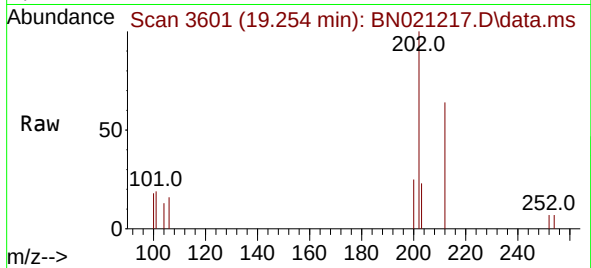




#19
Fluoranthene
Concen: 0.035 ng/ul
RT: 19.254 min Scan# 3601
Delta R.T. -0.004 min
Lab File: BN021217.D
Acq: 14 Aug 2022 15:00

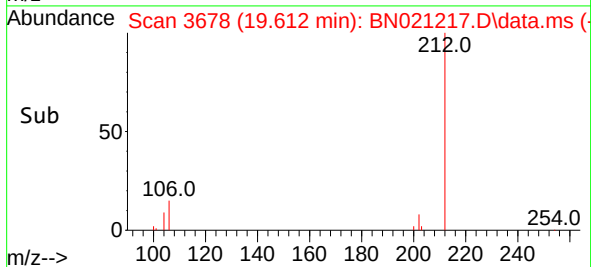
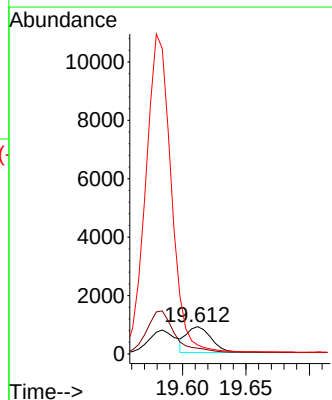
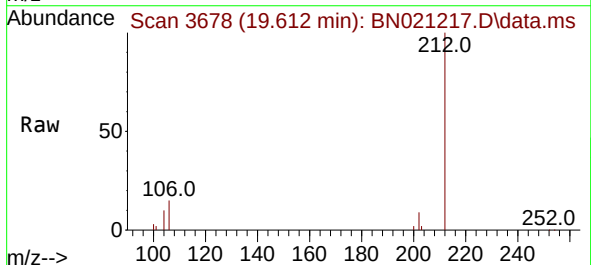
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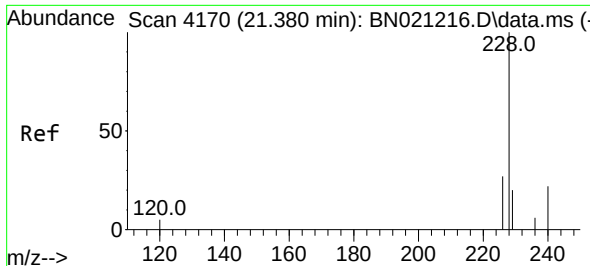
Tgt Ion:202 Resp: 1101
Ion Ratio Lower Upper
202 100
101 19.2 10.0 15.0#
100 17.5 8.0 12.0#



#20
Pyrene
Concen: 0.036 ng/ul
RT: 19.612 min Scan# 3678
Delta R.T. -0.009 min
Lab File: BN021217.D
Acq: 14 Aug 2022 15:00

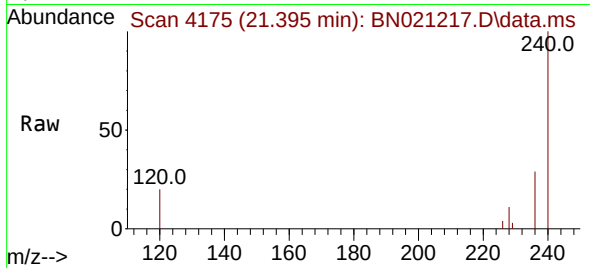
Tgt Ion:202 Resp: 1192
Ion Ratio Lower Upper
202 100
101 21.1 11.3 16.9#
100 32.8 9.0 13.4#



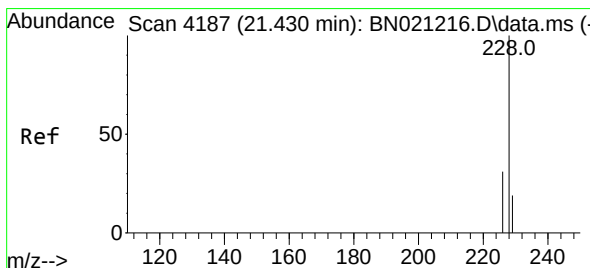
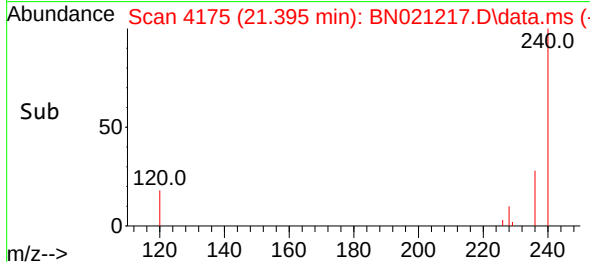
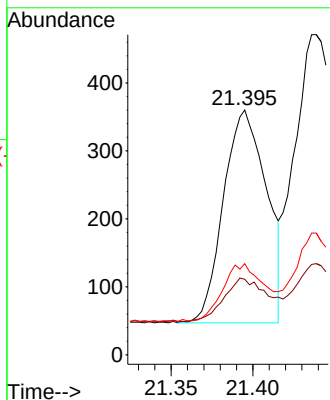


#21
Benzo(a)anthracene
Concen: 0.024 ng/ul
RT: 21.395 min Scan# 4175
Delta R.T. 0.015 min
Lab File: BN021217.D
Acq: 14 Aug 2022 15:00

Instrument :
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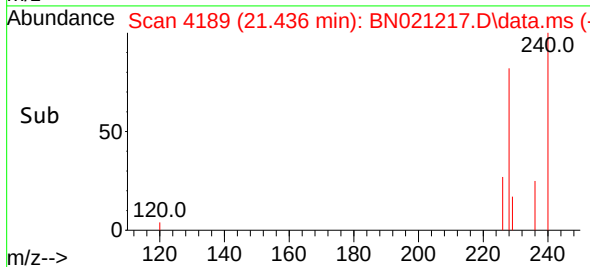
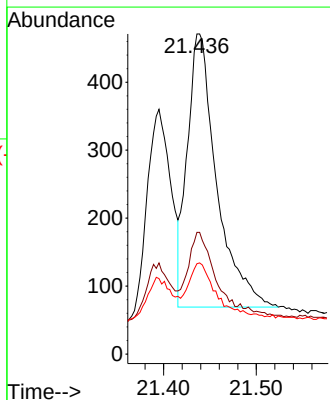
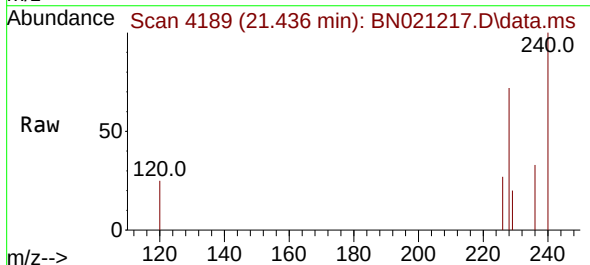


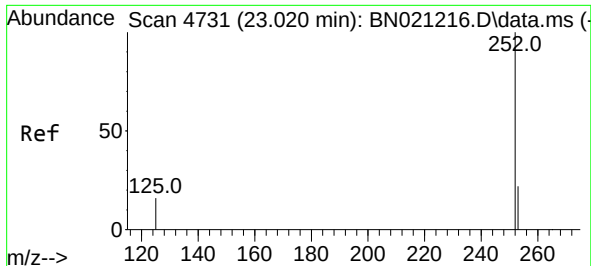
Tgt Ion:228 Resp: 573
Ion Ratio Lower Upper
228 100
229 30.8 16.0 24.0#
226 37.2 21.9 32.9#



#22
Chrysene
Concen: 0.029 ng/ul
RT: 21.436 min Scan# 4189
Delta R.T. 0.006 min
Lab File: BN021217.D
Acq: 14 Aug 2022 15:00

Tgt Ion:228 Resp: 887
Ion Ratio Lower Upper
228 100
226 38.0 24.6 37.0#
229 28.2 15.8 23.8#

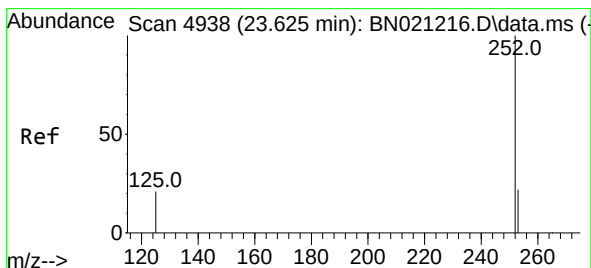
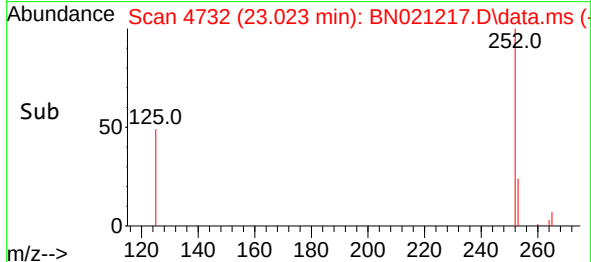
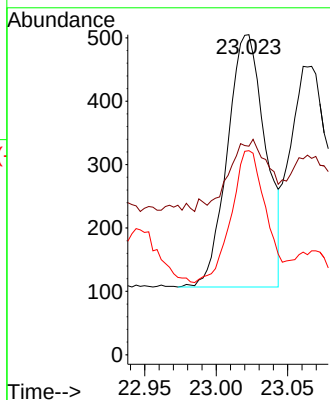
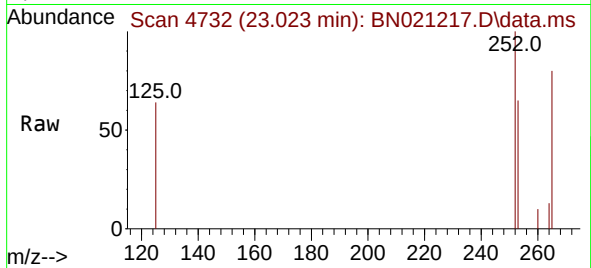




#24
Benzo(b)fluoranthene
Concen: 0.022 ng/u1
RT: 23.023 min Scan# 4731
Delta R.T. 0.006 min
Lab File: BN021217.D
Acq: 14 Aug 2022 15:00

Instrument :
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Tgt Ion:252 Resp: 738
Ion Ratio Lower Upper
252 100
253 65.1 0.0 50.8#
125 63.8 0.0 30.0#



#26
Benzo(a)pyrene
Concen: 0.023 ng/u1
RT: 23.608 min Scan# 4932
Delta R.T. -0.014 min
Lab File: BN021217.D
Acq: 14 Aug 2022 15:00

Tgt Ion:252 Resp: 701
Ion Ratio Lower Upper
252 100
253 67.3 22.1 33.1#
125 46.6 14.7 22.1#

