

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062922\
 Data File : BN020580.D
 Acq On : 29 Jun 2022 21:34
 Operator : CG/JU
 Sample : PB145663BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS663

Quant Time: Jun 29 22:02:18 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:17:34 2022
 Response via : Initial Calibration

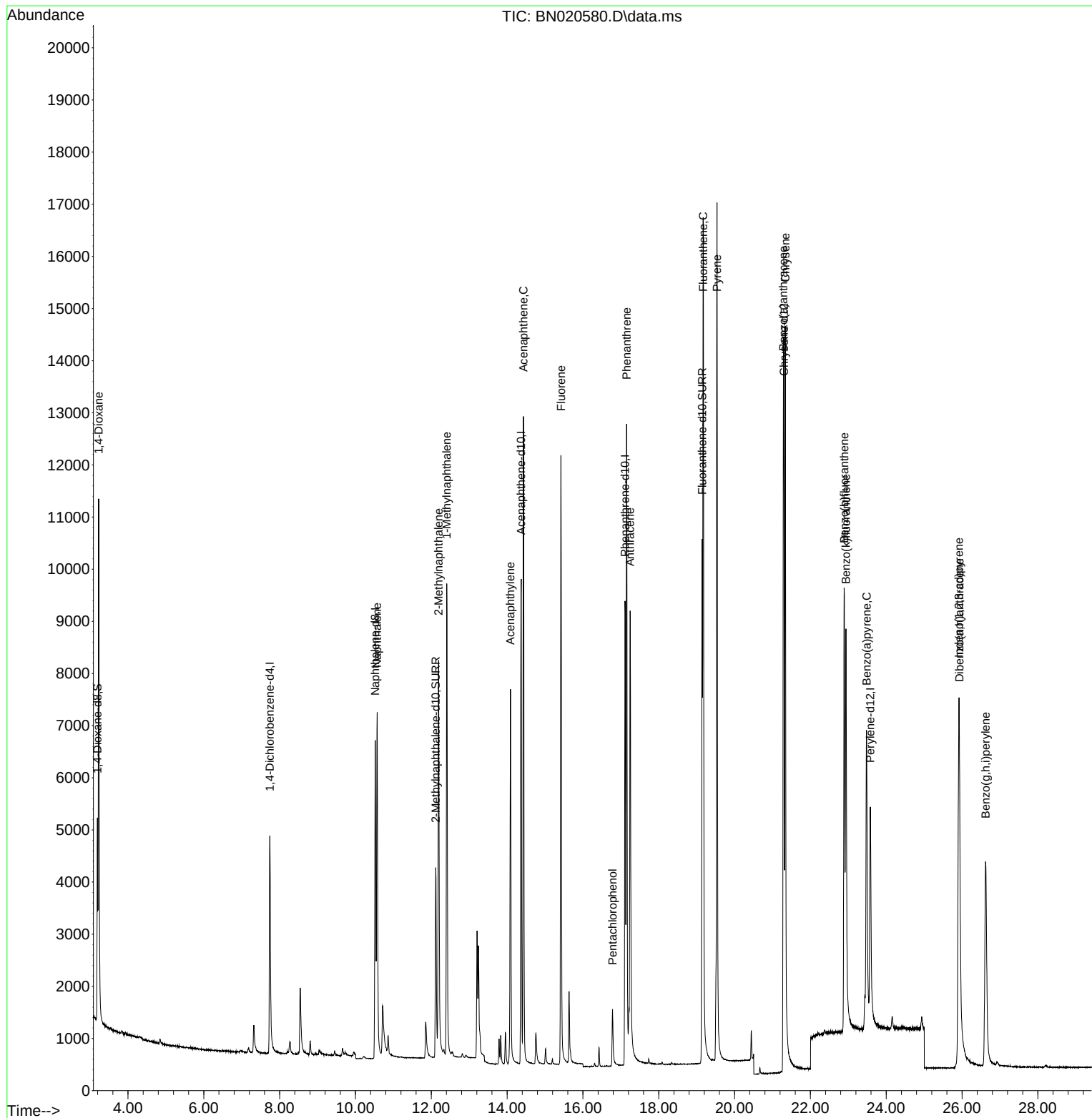
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	2882	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.522	136	9487	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.371	164	5518	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.110	188	11407	0.400	ng/ul	0.00
17) Chrysene-d12	21.301	240	8929	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	6436	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2516	0.754	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.117	152	5624	0.361	ng/ul	-0.01
18) Fluoranthene-d10	19.145	212	12271	0.417	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.227	88	6518	1.912	ng/ul#	80
5) Naphthalene	10.572	128	10372	0.354	ng/ul	99
7) 2-Methylnaphthalene	12.194	142	6499	0.331	ng/ul	99
8) 1-Methylnaphthalene	12.409	142	6903	0.371	ng/ul	99
10) Acenaphthylene	14.089	152	9269	0.354	ng/ul	100
11) Acenaphthene	14.431	153	7500	0.358	ng/ul	99
12) Fluorene	15.421	166	8473	0.341	ng/ul	100
14) Pentachlorophenol	16.781	266	957	0.416	ng/ul	99
15) Phenanthrene	17.152	178	14265	0.360	ng/ul	99
16) Anthracene	17.245	178	11771	0.344	ng/ul	99
19) Fluoranthene	19.173	202	15729	0.386	ng/ul	99
20) Pyrene	19.535	202	16051	0.379	ng/ul	98
21) Benzo(a)anthracene	21.286	228	11054	0.345	ng/ul	99
22) Chrysene	21.339	228	13932	0.390	ng/ul	99
24) Benzo(b)fluoranthene	22.891	252	11722	0.394	ng/ul	99
25) Benzo(k)fluoranthene	22.937	252	11775	0.392	ng/ul	99
26) Benzo(a)pyrene	23.481	252	10419	0.385	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.917	276	10626	0.394	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.930	278	8528	0.392	ng/ul	99
29) Benzo(g,h,i)perylene	26.624	276	9609	0.416	ng/ul	99

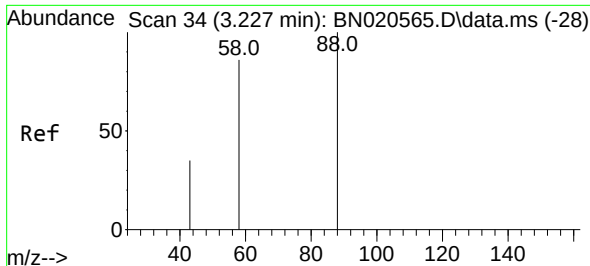
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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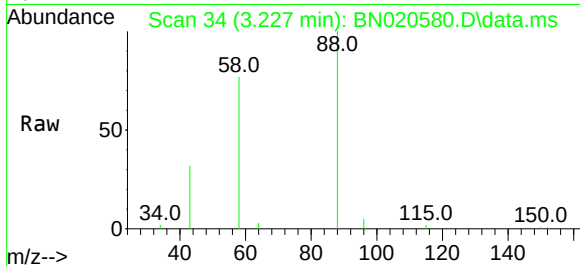
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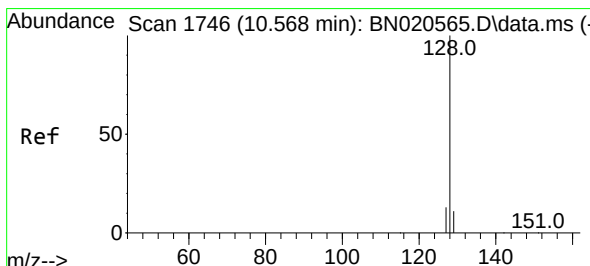
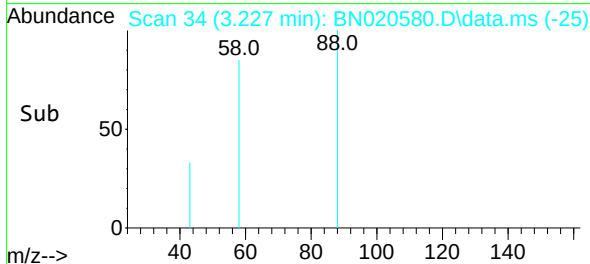
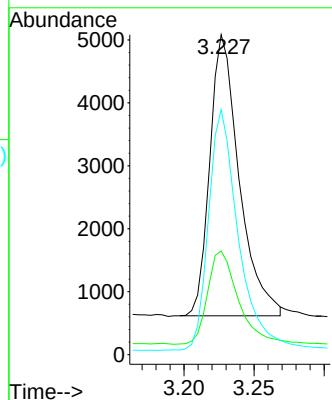


#2
 1,4-Dioxane
 Concen: 1.912 ng/ul
 RT: 3.227 min Scan# 34
 Delta R.T. -0.013 min
 Lab File: BN020580.D
 Acq: 29 Jun 2022 21:34

Instrument :
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 ClientSampleId :
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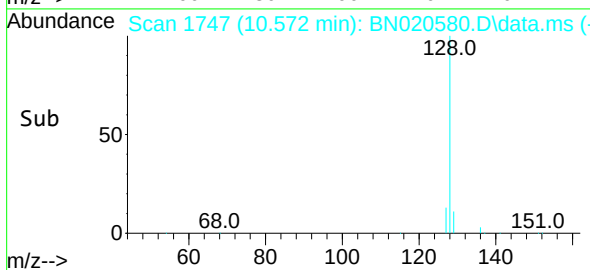
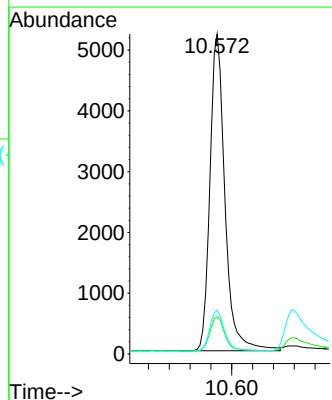
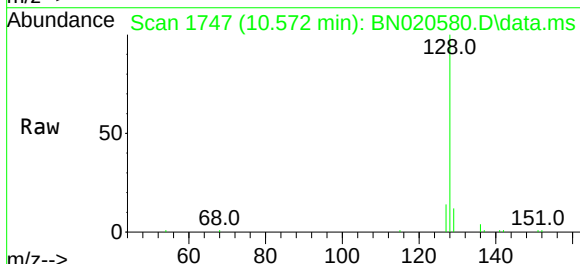


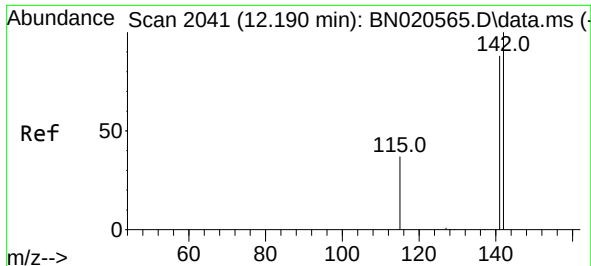
Tgt Ion: 88 Resp: 6518
 Ion Ratio Lower Upper
 88 100
 43 32.4 32.5 48.7#
 58 76.5 46.2 69.2#



#5
 Naphthalene
 Concen: 0.354 ng/ul
 RT: 10.572 min Scan# 1747
 Delta R.T. -0.011 min
 Lab File: BN020580.D
 Acq: 29 Jun 2022 21:34

Tgt Ion: 128 Resp: 10372
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.5 14.3
 127 13.7 11.3 16.9

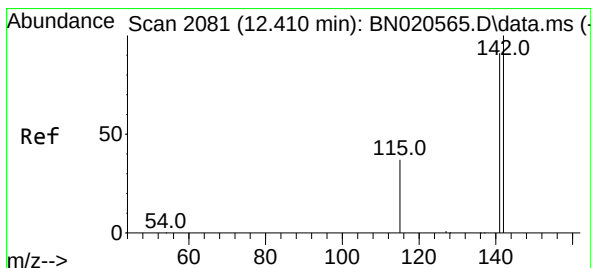
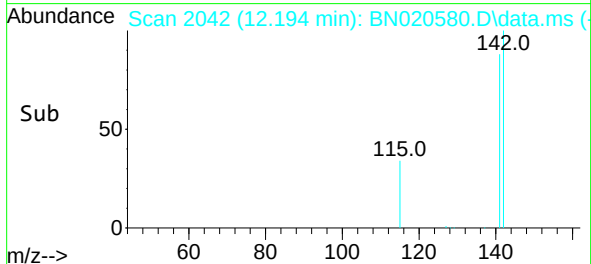
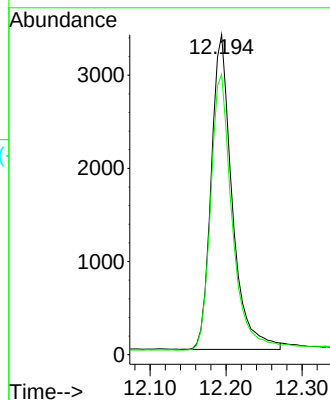
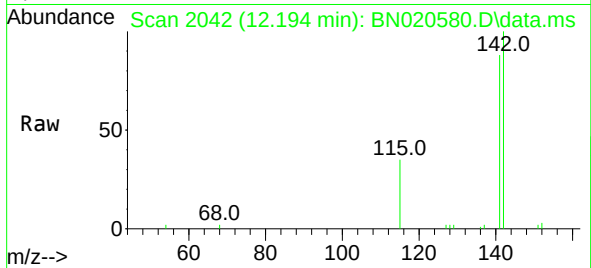




#7
2-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.194 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN020580.D
Acq: 29 Jun 2022 21:34

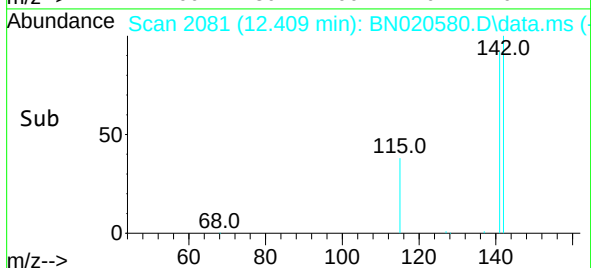
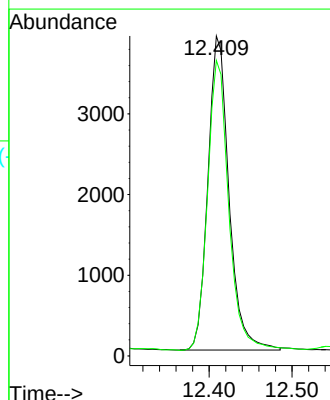
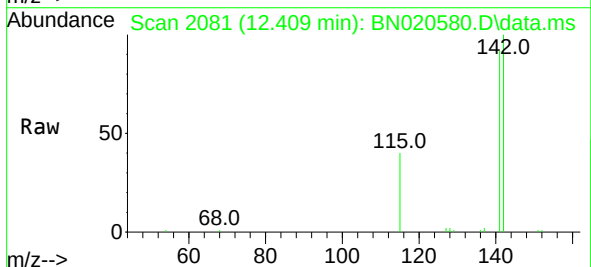
Instrument :
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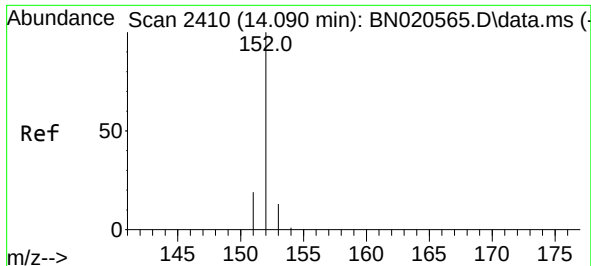
Tgt Ion:142 Resp: 6499
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BN020580.D
Acq: 29 Jun 2022 21:34

Tgt Ion:142 Resp: 6903
Ion Ratio Lower Upper
142 100
141 92.7 73.7 110.5

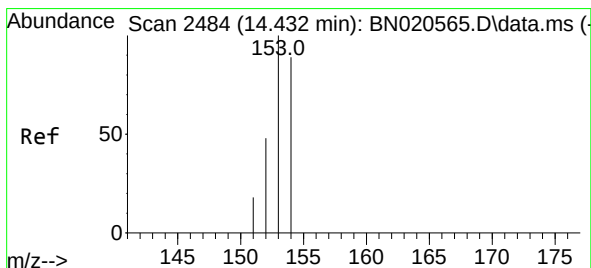
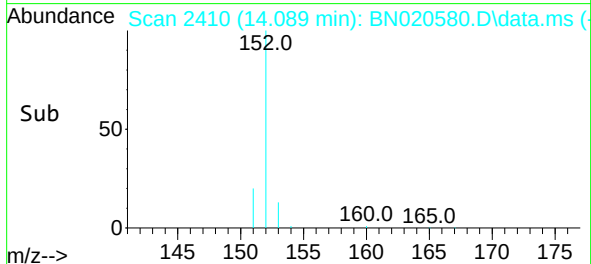
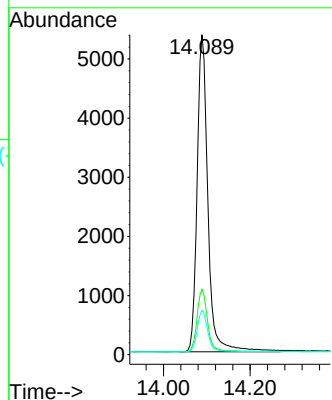
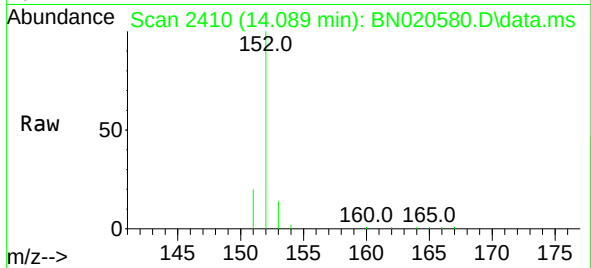




#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 14.089 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BN020580.D
Acq: 29 Jun 2022 21:34

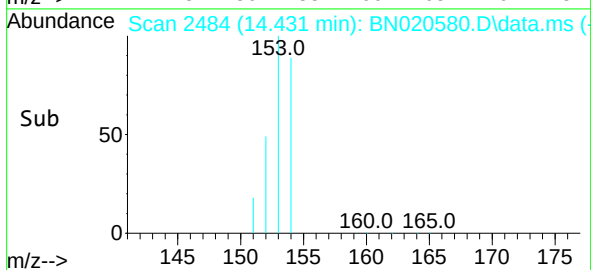
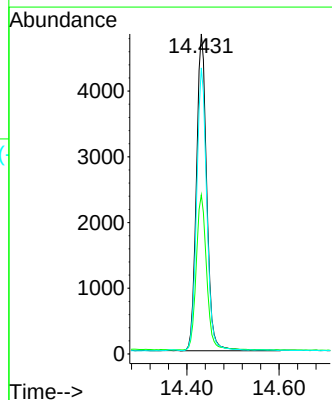
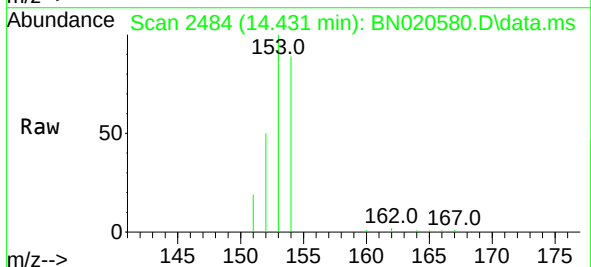
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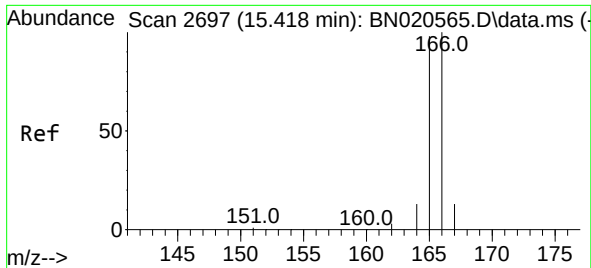
Tgt Ion:152 Resp: 9269
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.358 ng/ul
RT: 14.431 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN020580.D
Acq: 29 Jun 2022 21:34

Tgt Ion:153 Resp: 7500
Ion Ratio Lower Upper
153 100
152 49.7 40.0 60.0
154 89.4 70.0 105.0

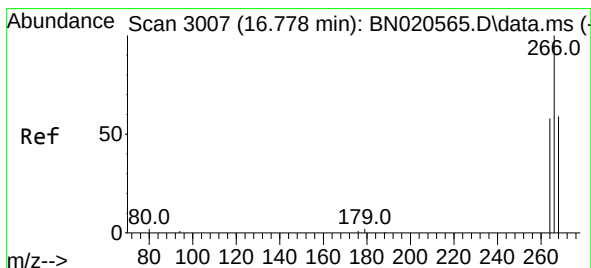
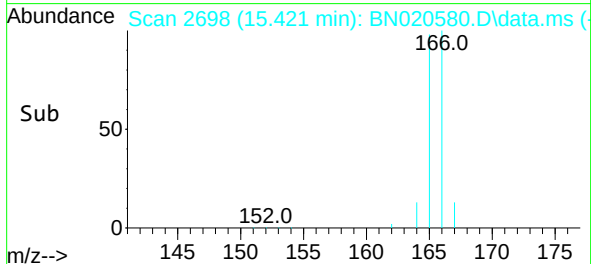
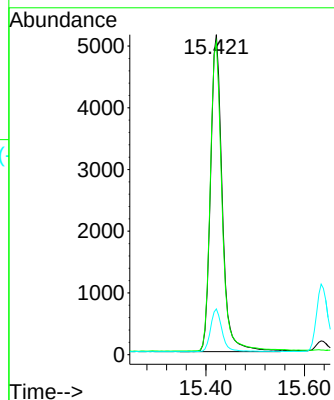
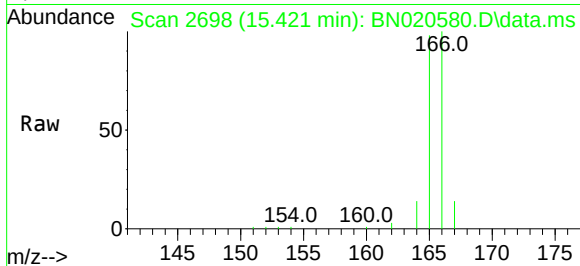




#12
 Fluorene
 Concen: 0.341 ng/ul
 RT: 15.421 min Scan# 2
 Delta R.T. -0.009 min
 Lab File: BN020580.D
 Acq: 29 Jun 2022 21:34

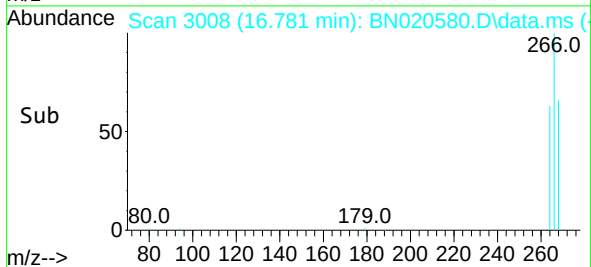
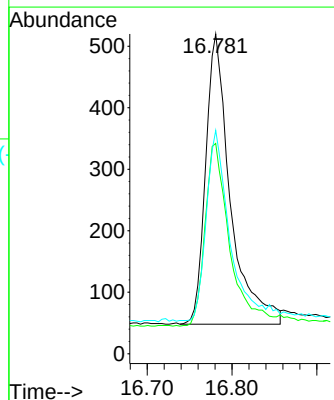
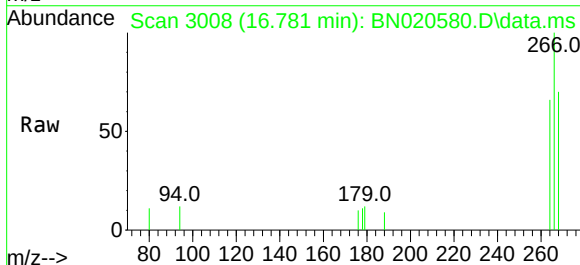
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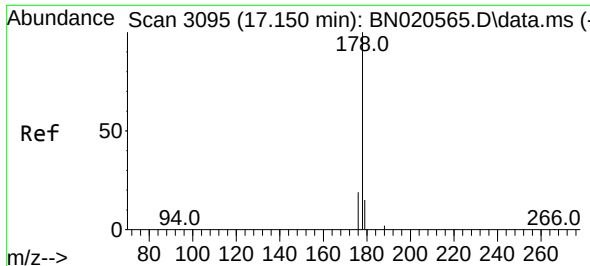
Tgt Ion:166 Resp: 8473
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.2 117.2
 167 14.3 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.416 ng/ul
 RT: 16.781 min Scan# 3008
 Delta R.T. -0.004 min
 Lab File: BN020580.D
 Acq: 29 Jun 2022 21:34

Tgt Ion:266 Resp: 957
 Ion Ratio Lower Upper
 266 100
 264 64.1 51.6 77.4
 268 63.0 51.5 77.3

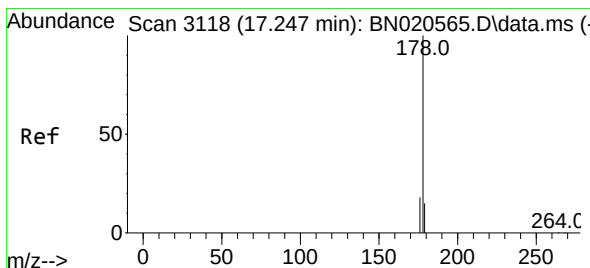
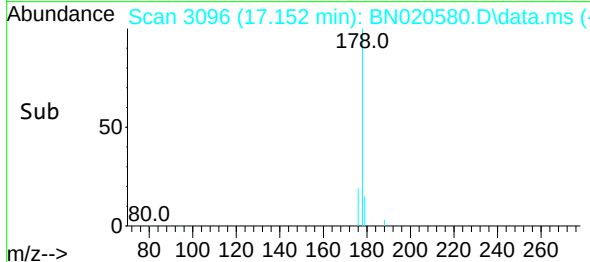
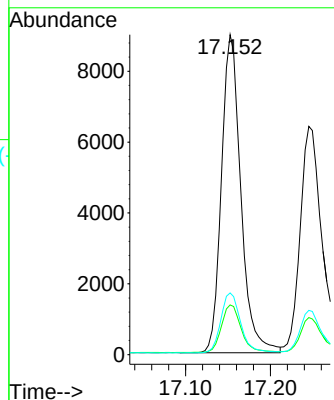
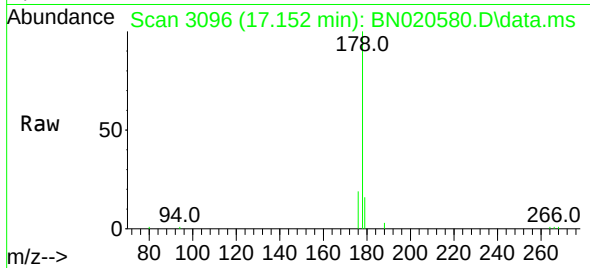




#15
 Phenanthrene
 Concen: 0.360 ng/ul
 RT: 17.152 min Scan# 3095
 Delta R.T. -0.008 min
 Lab File: BN020580.D
 Acq: 29 Jun 2022 21:34

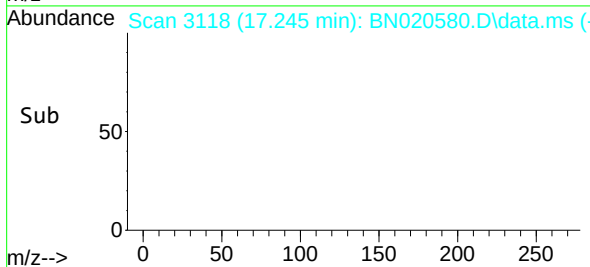
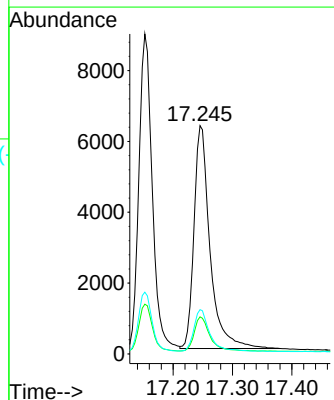
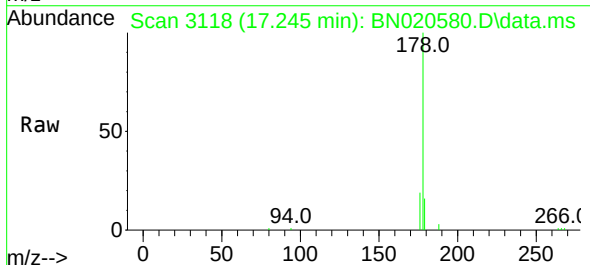
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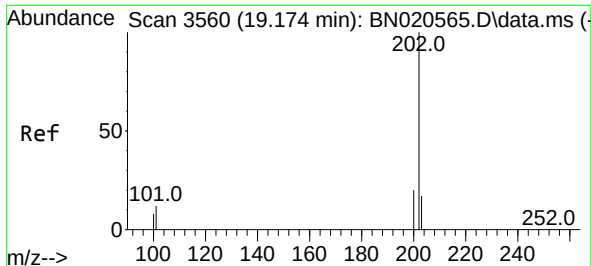
Tgt Ion:	178	Resp:	14265
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	18.8
176	19.3	15.8	23.6



#16
 Anthracene
 Concen: 0.344 ng/ul
 RT: 17.245 min Scan# 3118
 Delta R.T. -0.008 min
 Lab File: BN020580.D
 Acq: 29 Jun 2022 21:34

Tgt Ion:	178	Resp:	11771
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.8	19.2
176	19.4	15.2	22.8

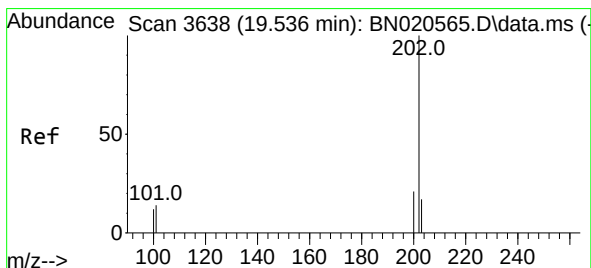
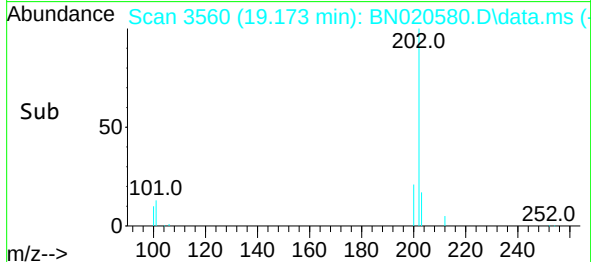
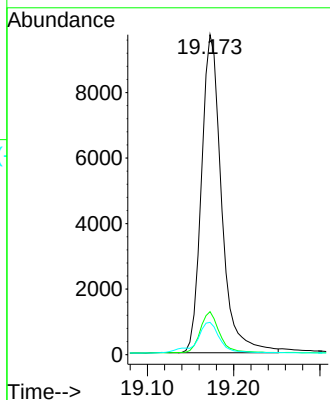
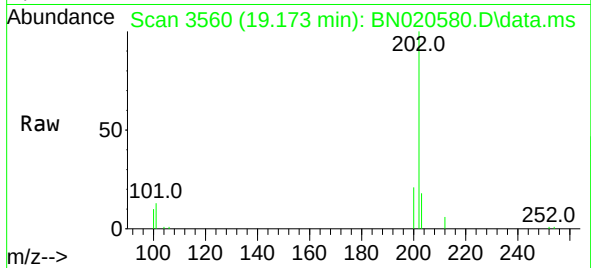




#19
Fluoranthene
Concen: 0.386 ng/u1
RT: 19.173 min Scan# 3560
Delta R.T. -0.009 min
Lab File: BN020580.D
Acq: 29 Jun 2022 21:34

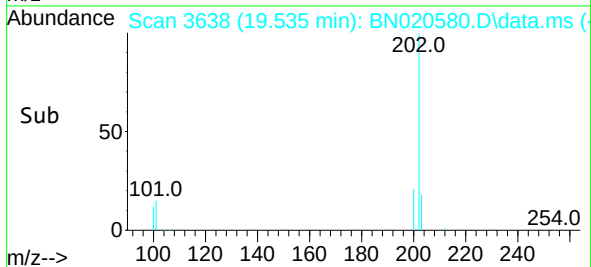
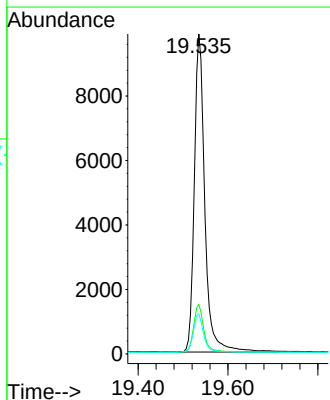
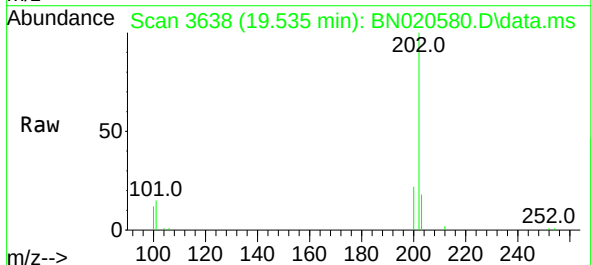
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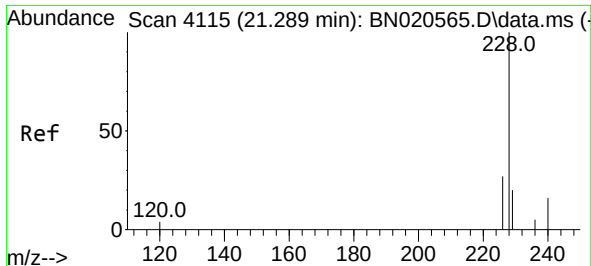
Tgt Ion:202 Resp: 15729
Ion Ratio Lower Upper
202 100
101 13.5 10.3 15.5
100 10.1 7.8 11.6



#20
Pyrene
Concen: 0.379 ng/u1
RT: 19.535 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN020580.D
Acq: 29 Jun 2022 21:34

Tgt Ion:202 Resp: 16051
Ion Ratio Lower Upper
202 100
101 15.4 11.6 17.4
100 12.5 9.2 13.8

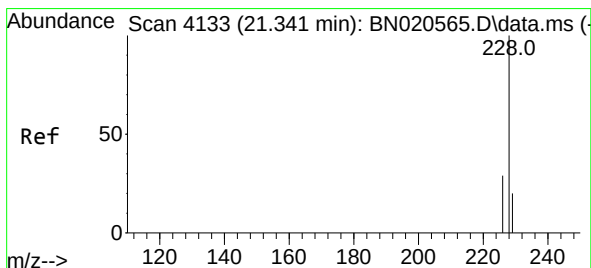
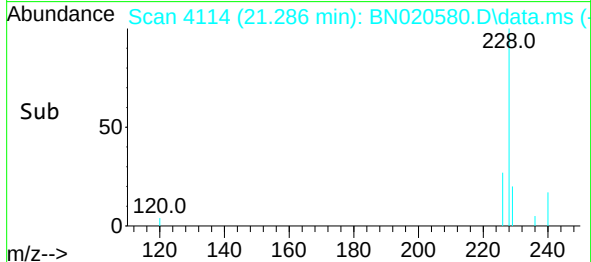
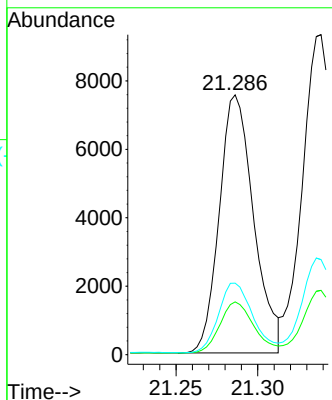
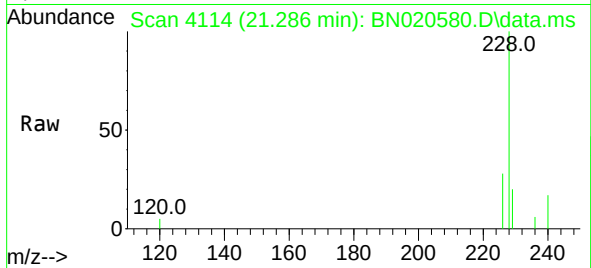




#21
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.286 min Scan# 4114
Delta R.T. -0.008 min
Lab File: BN020580.D
Acq: 29 Jun 2022 21:34

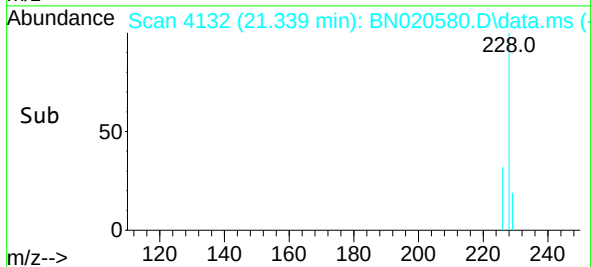
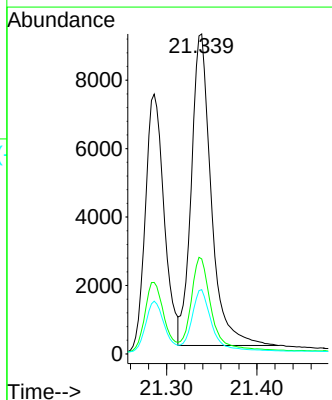
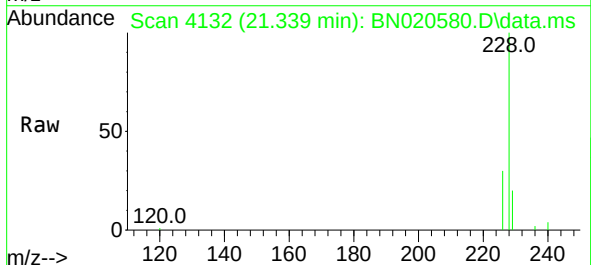
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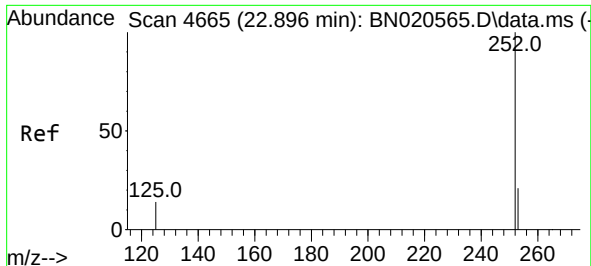
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Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.390 ng/ul
RT: 21.339 min Scan# 4132
Delta R.T. -0.008 min
Lab File: BN020580.D
Acq: 29 Jun 2022 21:34

Tgt Ion:228 Resp: 13932
Ion Ratio Lower Upper
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226 29.7 23.9 35.9
229 20.1 15.8 23.8

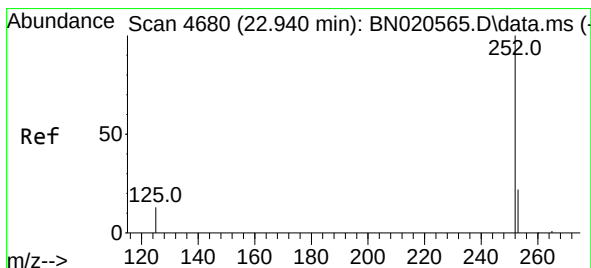
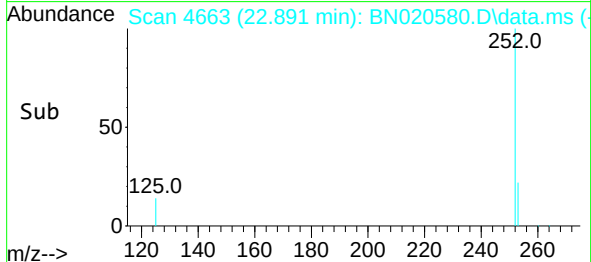
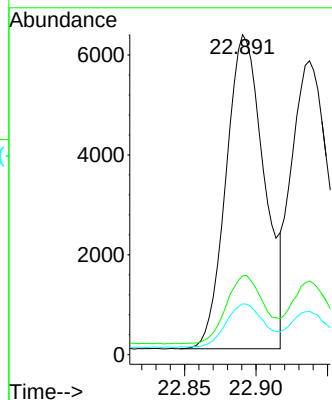
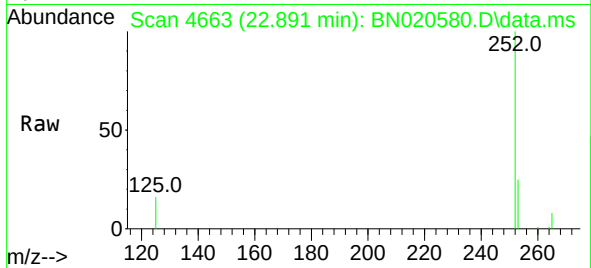




#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 22.891 min Scan# 4663
Delta R.T. -0.014 min
Lab File: BN020580.D
Acq: 29 Jun 2022 21:34

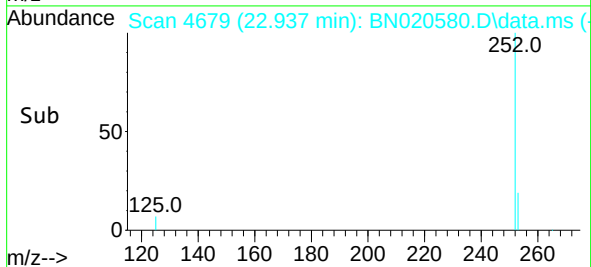
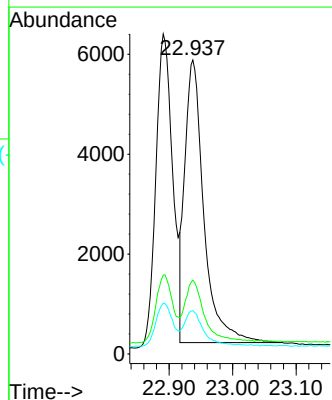
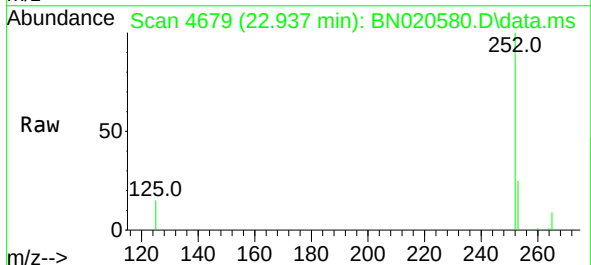
Instrument :
BNA_N
ClientSampleId :
SLCS663

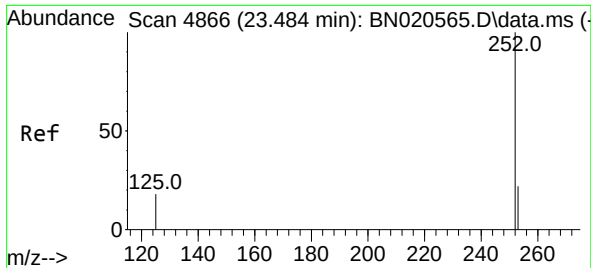
Tgt Ion:252 Resp: 11722
Ion Ratio Lower Upper
252 100
253 24.6 0.0 48.6
125 15.9 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.392 ng/ul
RT: 22.937 min Scan# 4679
Delta R.T. -0.014 min
Lab File: BN020580.D
Acq: 29 Jun 2022 21:34

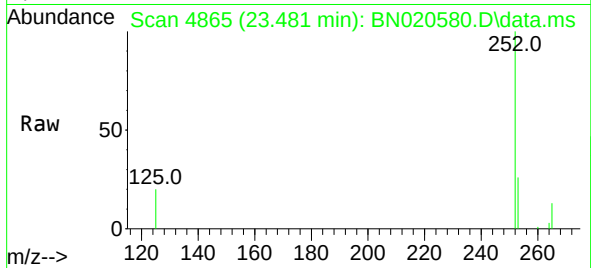
Tgt Ion:252 Resp: 11775
Ion Ratio Lower Upper
252 100
253 25.1 19.7 29.5
125 14.7 12.0 18.0



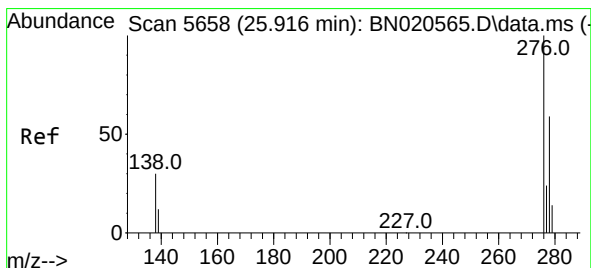
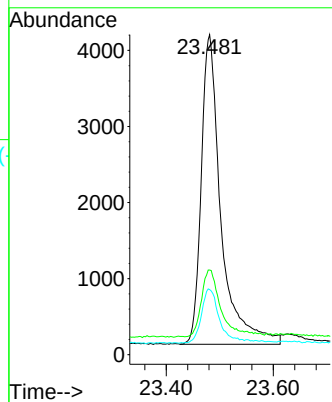
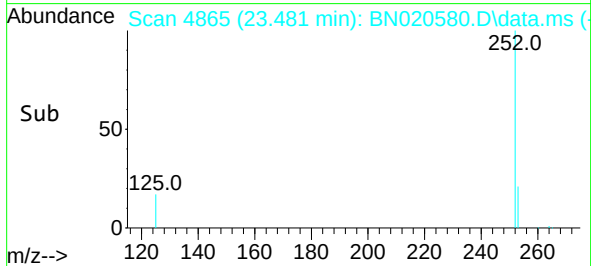


#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.481 min Scan# 4865
Delta R.T. -0.011 min
Lab File: BN020580.D
Acq: 29 Jun 2022 21:34

Instrument :
BNA_N
ClientSampleId :
SLCS663

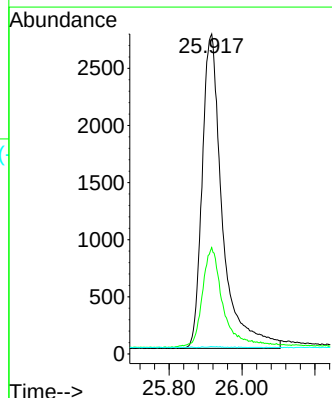
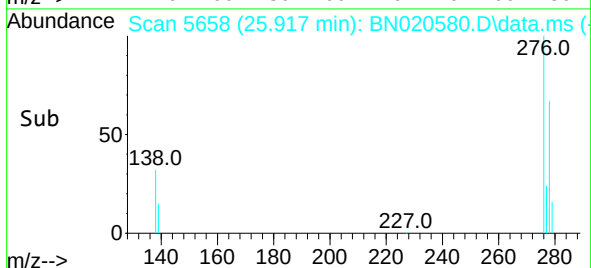
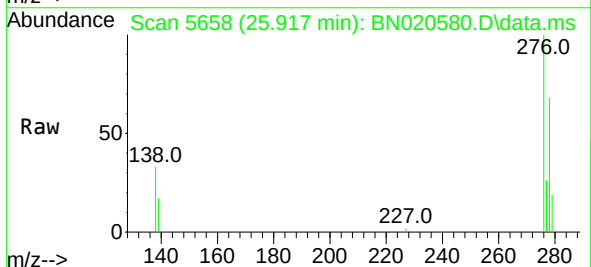


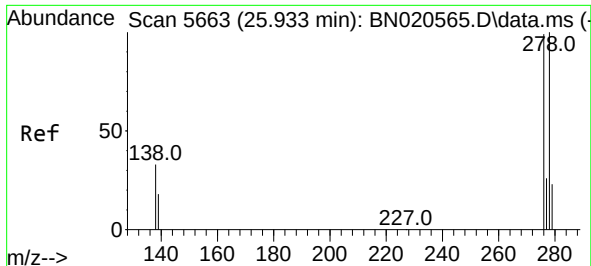
Tgt Ion:252 Resp: 10419
Ion Ratio Lower Upper
252 100
253 26.5 21.0 31.4
125 20.3 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng/ul
RT: 25.917 min Scan# 5658
Delta R.T. -0.016 min
Lab File: BN020580.D
Acq: 29 Jun 2022 21:34

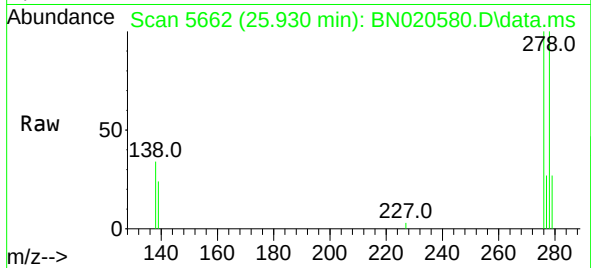
Tgt Ion:276 Resp: 10626
Ion Ratio Lower Upper
276 100
138 33.0 27.4 41.2
227 0.2 0.2 0.2



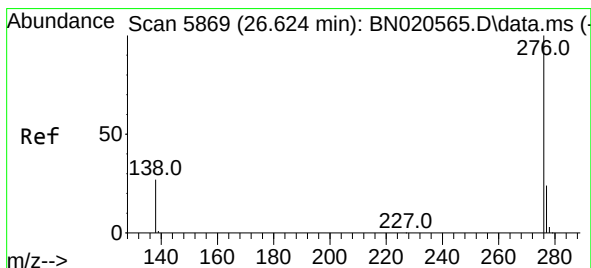
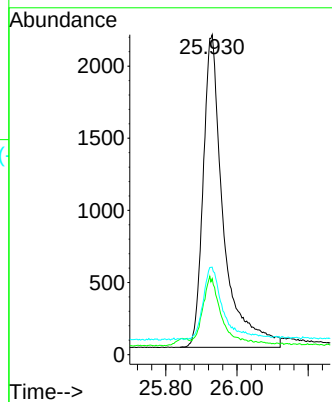
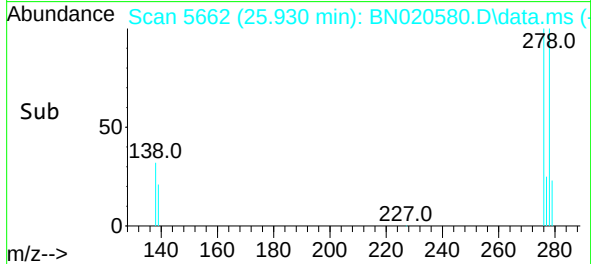


#28
 Dibenzo(a,h)anthracene
 Concen: 0.392 ng/ul
 RT: 25.930 min Scan# 5663
 Delta R.T. -0.020 min
 Lab File: BN020580.D
 Acq: 29 Jun 2022 21:34

Instrument :
 BNA_N
 ClientSampleId :
 SLCS663



Tgt Ion:278 Resp: 8528
 Ion Ratio Lower Upper
 278 100
 139 23.7 18.8 28.2
 279 27.3 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.416 ng/ul
 RT: 26.624 min Scan# 5869
 Delta R.T. -0.023 min
 Lab File: BN020580.D
 Acq: 29 Jun 2022 21:34

Tgt Ion:276 Resp: 9609
 Ion Ratio Lower Upper
 276 100
 138 29.5 23.5 35.3
 277 25.7 20.1 30.1

