

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021019.D
 Acq On : 05 Aug 2022 10:19
 Operator : CG/JU
 Sample : PB146742BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS742

Quant Time: Aug 06 00:27:32 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 : Wed Aug 03 16:31:11 2022
 Response via : Initial Calibration

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

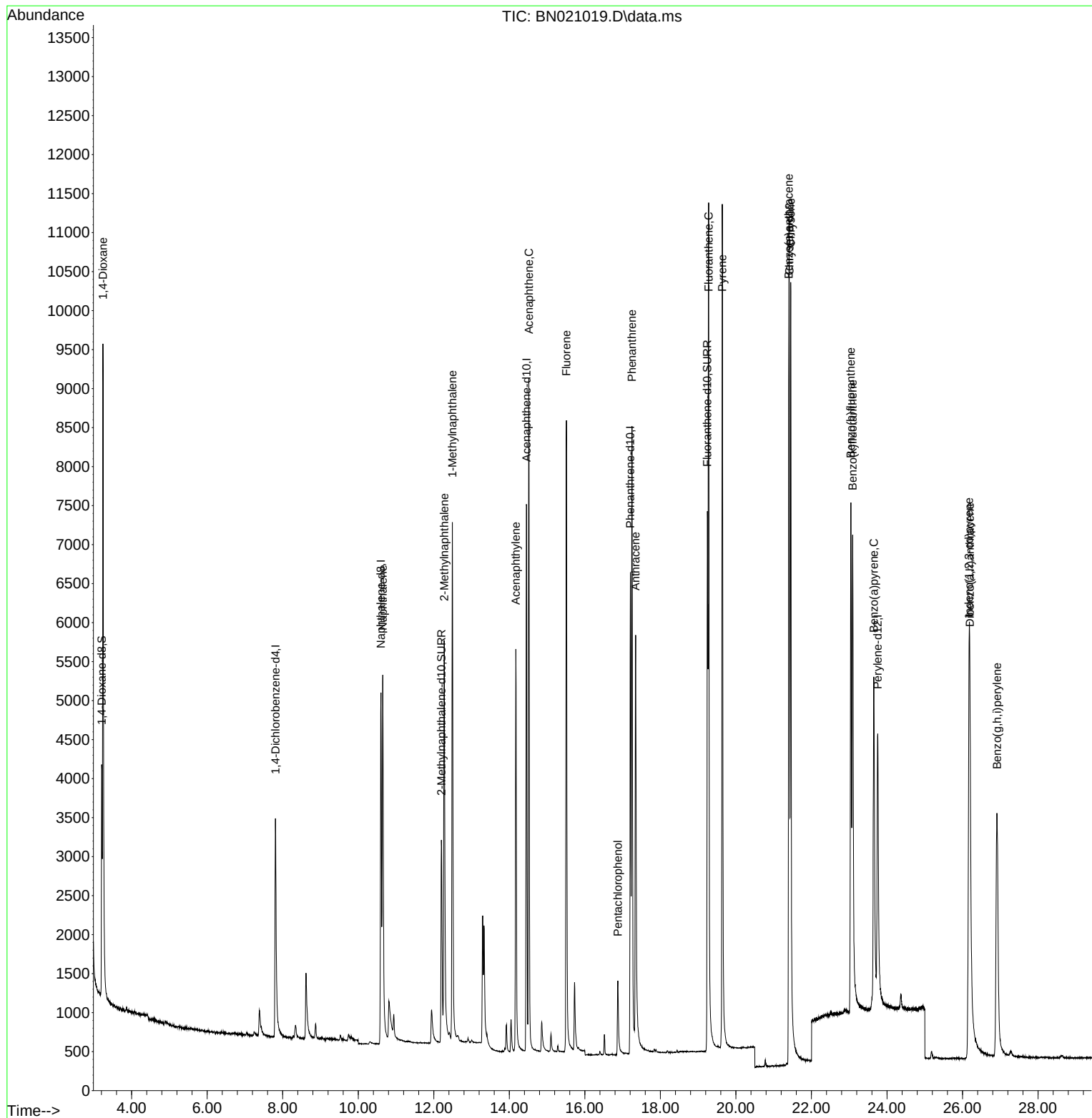
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	2226	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	7471	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	4237	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	8224	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	6818	0.400	ng/ul	0.00
23) Perylene-d12	23.757	264	5751	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	2059	0.723	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	4326	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	8825	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	5625	1.917	ng/ul#	83
5) Naphthalene	10.651	128	7829	0.341	ng/ul	99
7) 2-Methylnaphthalene	12.279	142	4777	0.343	ng/ul	99
8) 1-Methylnaphthalene	12.493	142	5251	0.377	ng/ul	100
10) Acenaphthylene	14.174	152	6863	0.346	ng/ul	100
11) Acenaphthene	14.517	153	5509	0.336	ng/ul	99
12) Fluorene	15.511	166	6001	0.335	ng/ul	99
14) Pentachlorophenol	16.872	266	891	0.703	ng/ul	98
15) Phenanthrene	17.248	178	9625	0.327	ng/ul	100
16) Anthracene	17.345	178	7871	0.345	ng/ul	99
19) Fluoranthene	19.277	202	10706	0.355	ng/ul	99
20) Pyrene	19.640	202	11057	0.355	ng/ul	97
21) Benzo(a)anthracene	21.401	228	8137	0.366	ng/ul	99
22) Chrysene	21.453	228	10207	0.348	ng/ul	99
24) Benzo(b)fluoranthene	23.043	252	9277	0.348	ng/ul	100
25) Benzo(k)fluoranthene	23.093	252	9590	0.341	ng/ul	100
26) Benzo(a)pyrene	23.651	252	8486	0.349	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.172	276	9090	0.313	ng/ul	100
28) Dibenzo(a,h)anthracene	26.196	278	7288	0.318	ng/ul	98
29) Benzo(g,h,i)perylene	26.913	276	8172	0.316	ng/ul	98

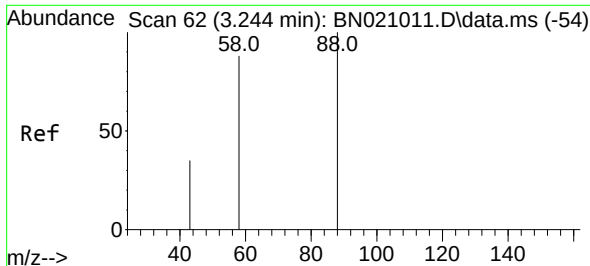
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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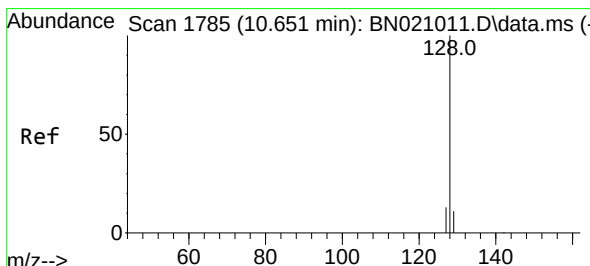
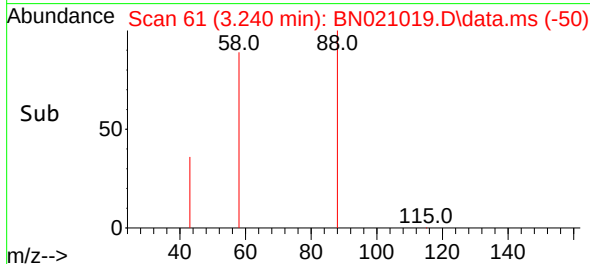
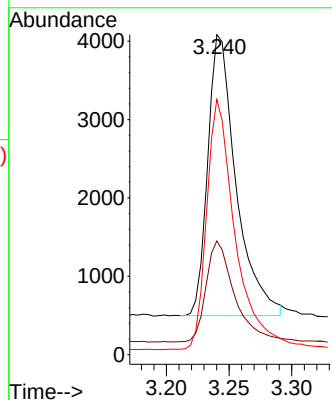
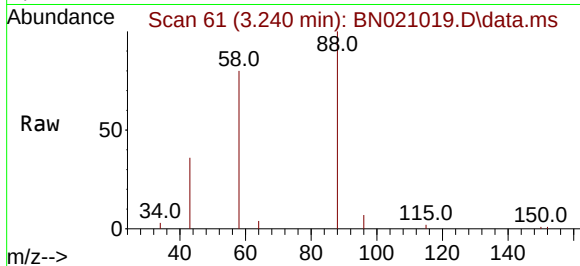




#2
1,4-Dioxane
Concen: 1.917 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

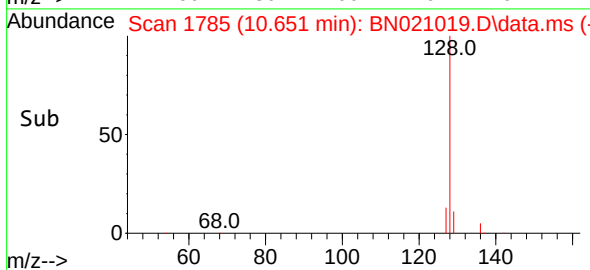
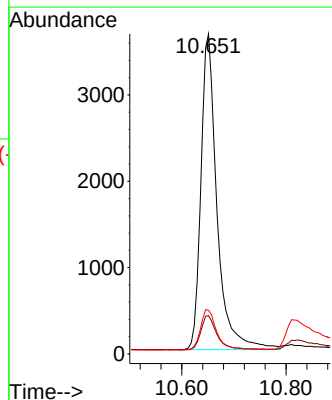
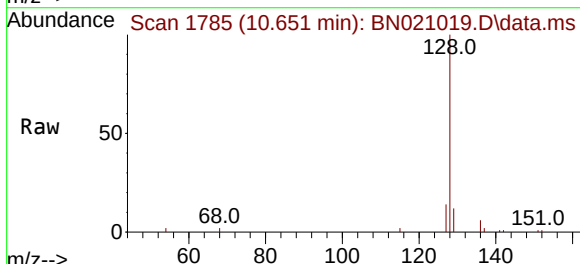
Instrument :
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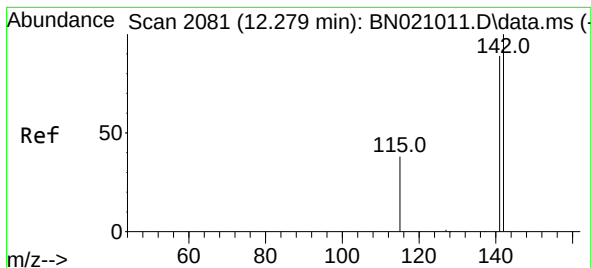
Tgt Ion: 88 Resp: 5625
Ion Ratio Lower Upper
88 100
43 35.5 31.4 47.0
58 79.8 49.0 73.6#



#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.651 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion: 128 Resp: 7829
Ion Ratio Lower Upper
128 100
129 12.0 9.8 14.6
127 13.7 11.6 17.4

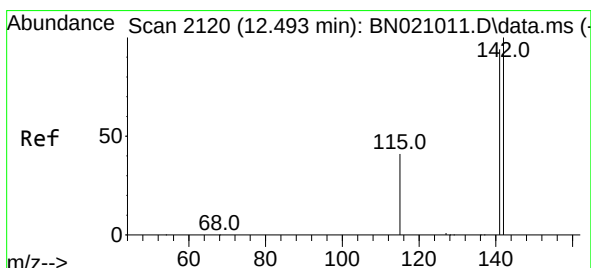
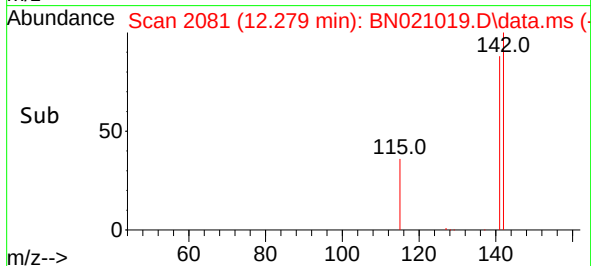
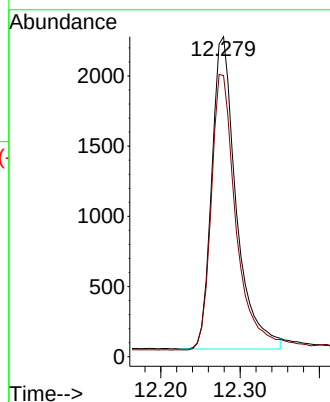
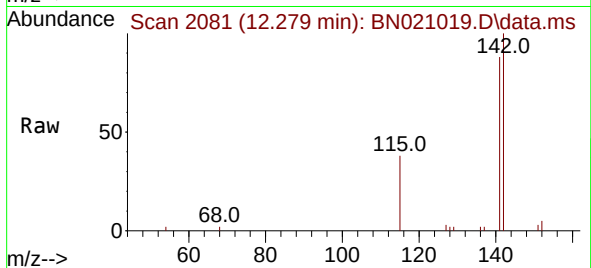




#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

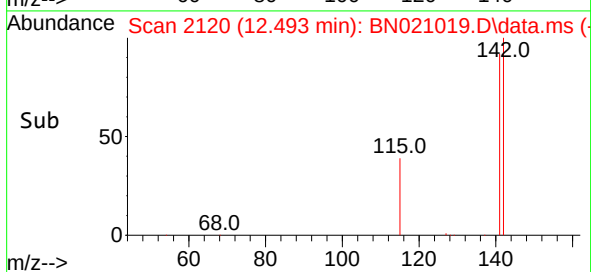
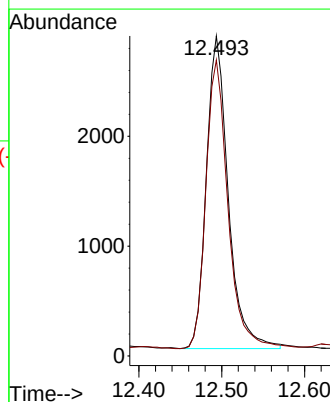
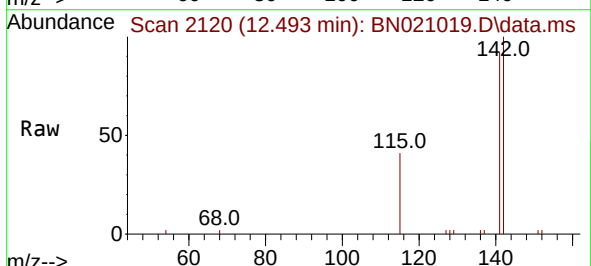
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BNA_N
ClientSampleId :
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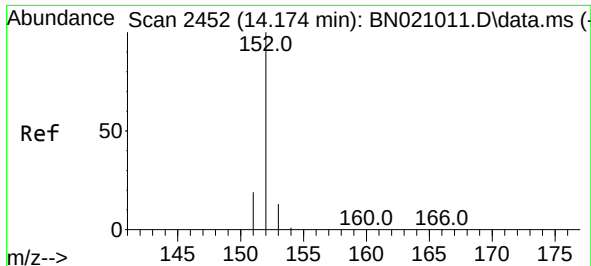
Tgt Ion:142 Resp: 4777
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.493 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:142 Resp: 5251
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9

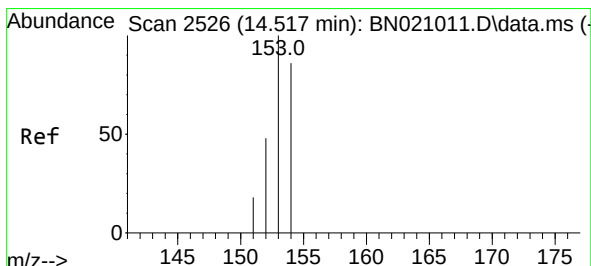
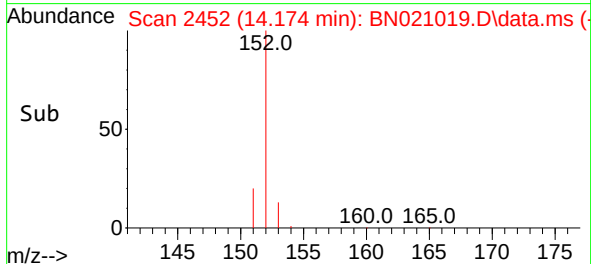
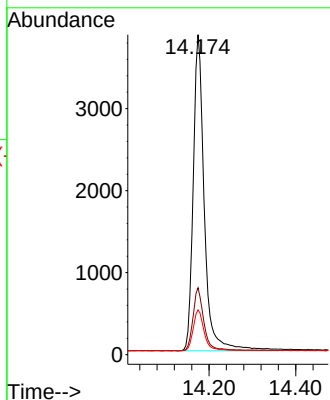
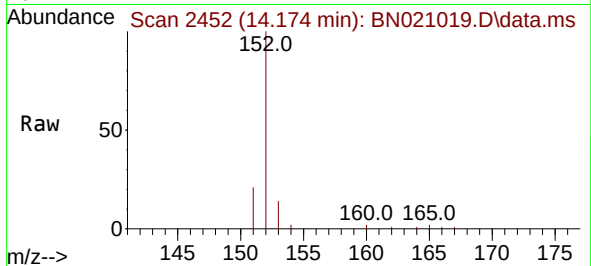




#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.005 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

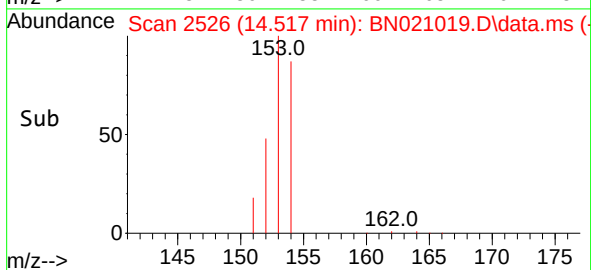
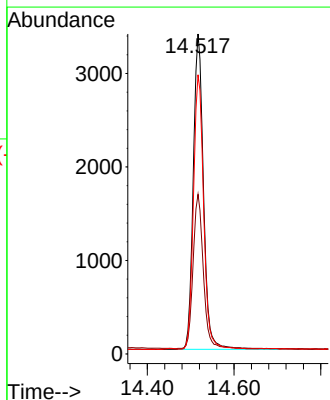
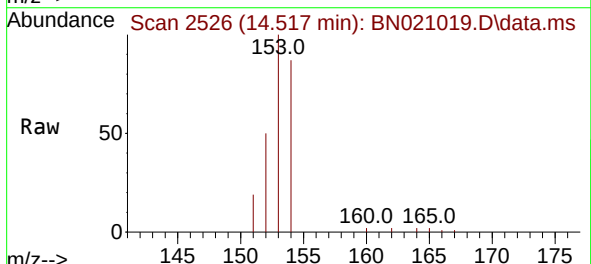
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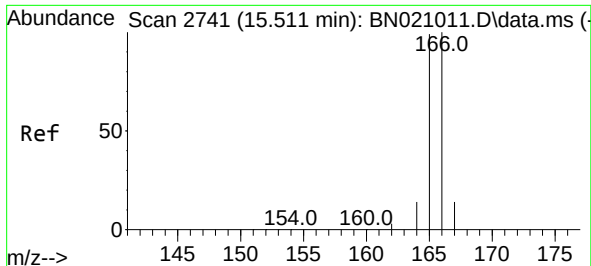
Tgt Ion:152 Resp: 6863
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:153 Resp: 5509
Ion Ratio Lower Upper
153 100
152 49.9 40.2 60.4
154 87.3 70.7 106.1

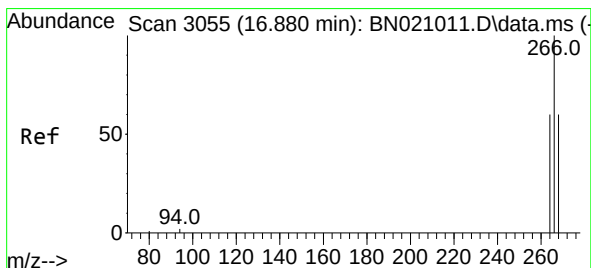
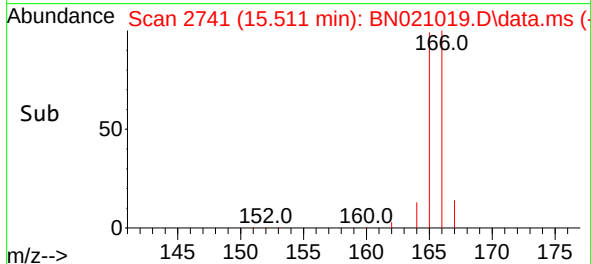
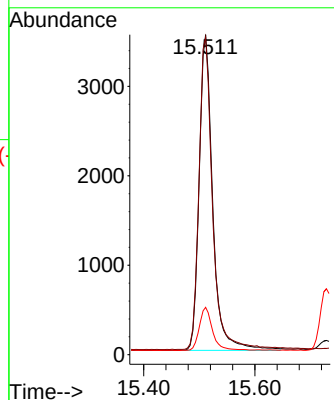
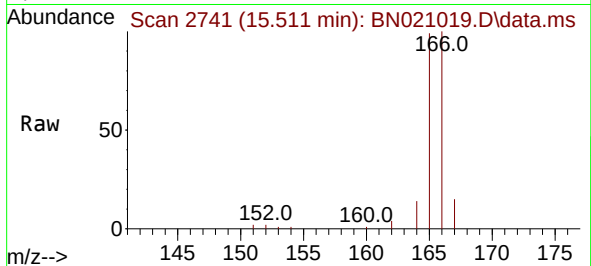




#12
 Fluorene
 Concen: 0.335 ng/ul
 RT: 15.511 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN021019.D
 Acq: 05 Aug 2022 10:19

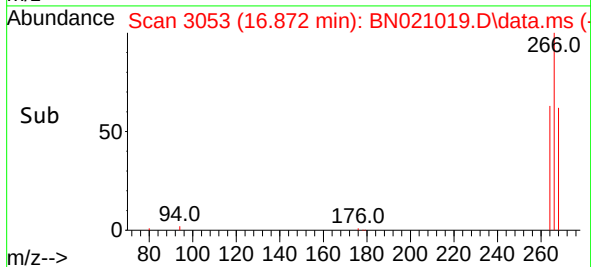
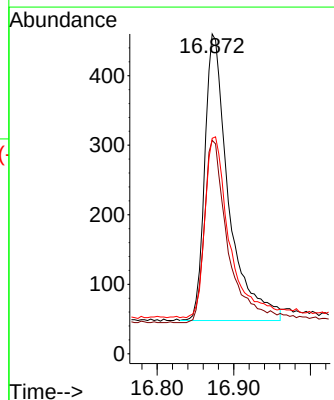
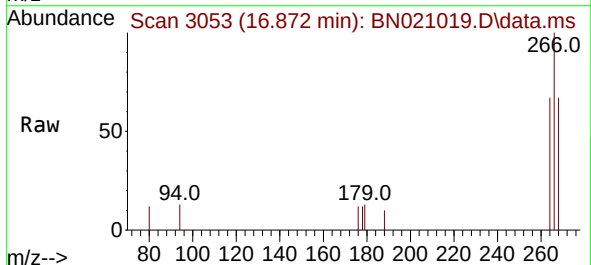
Instrument :
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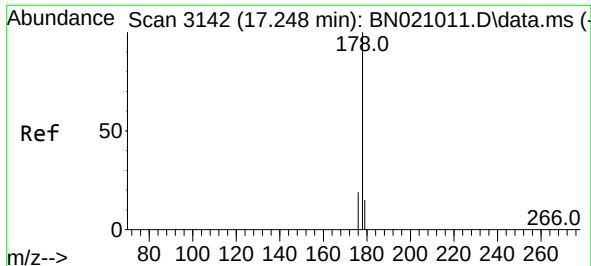
Tgt Ion:166 Resp: 6001
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.6 117.8
 167 14.8 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.703 ng/ul
 RT: 16.872 min Scan# 3053
 Delta R.T. -0.008 min
 Lab File: BN021019.D
 Acq: 05 Aug 2022 10:19

Tgt Ion:266 Resp: 891
 Ion Ratio Lower Upper
 266 100
 264 63.1 49.8 74.8
 268 64.8 50.6 75.8

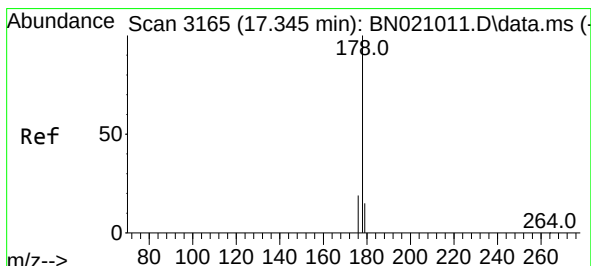
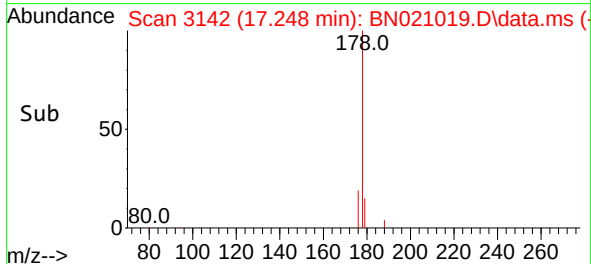
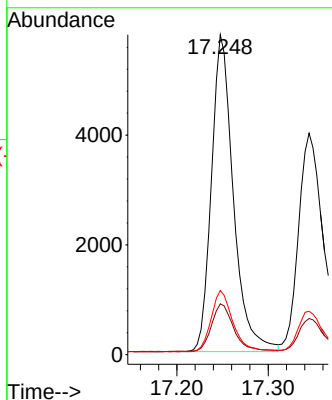
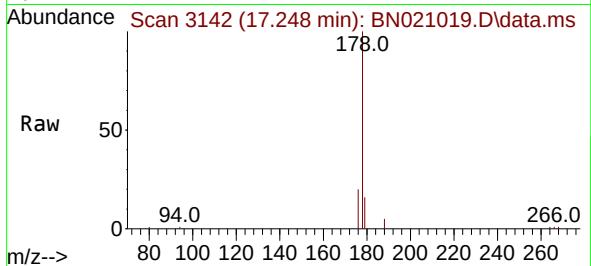




#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.248 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

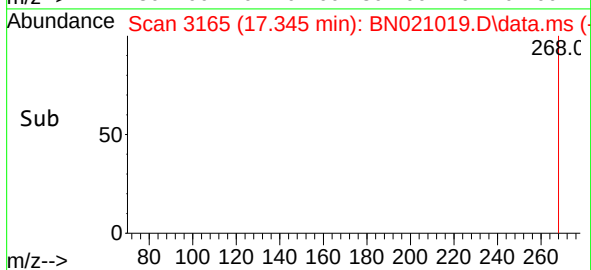
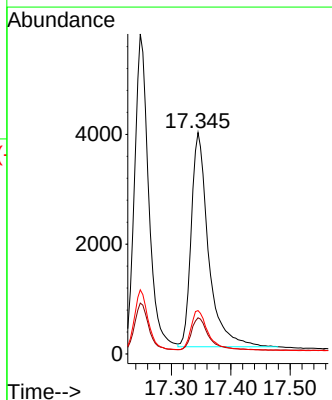
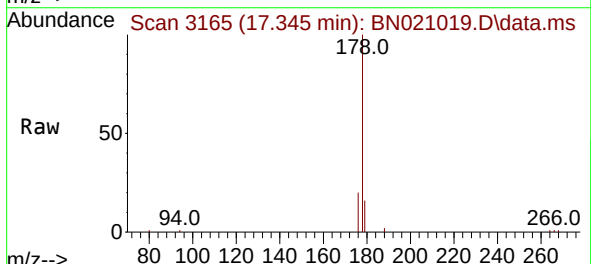
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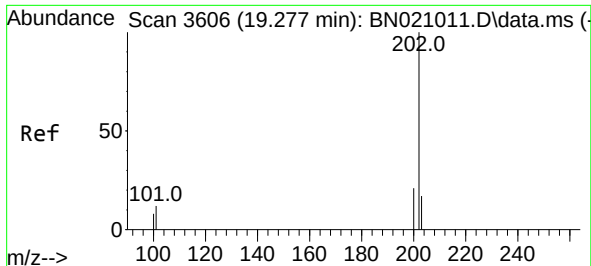
Tgt Ion:	178	Resp:	9625
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.8	19.2
176	20.0	15.9	23.9



#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:	178	Resp:	7871
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.9	19.3
176	19.6	15.9	23.9

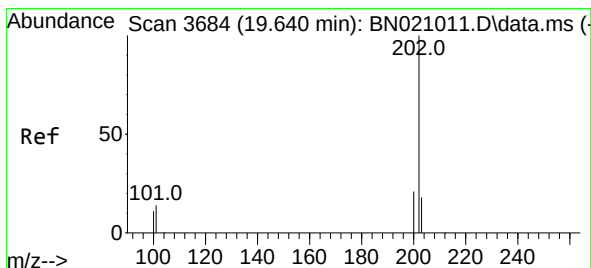
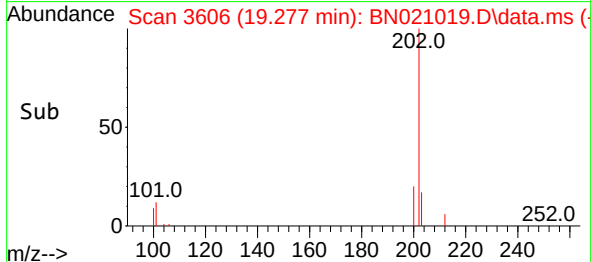
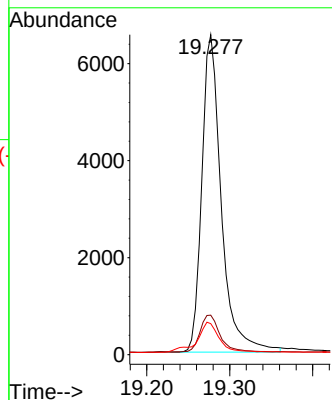
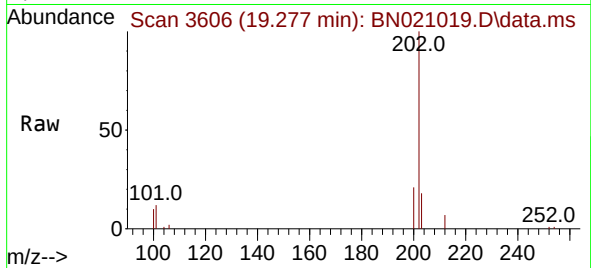




#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.277 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

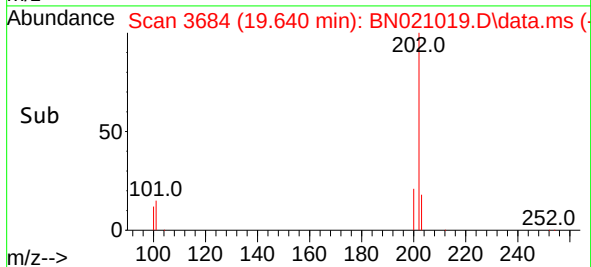
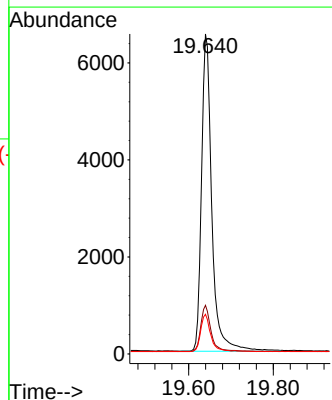
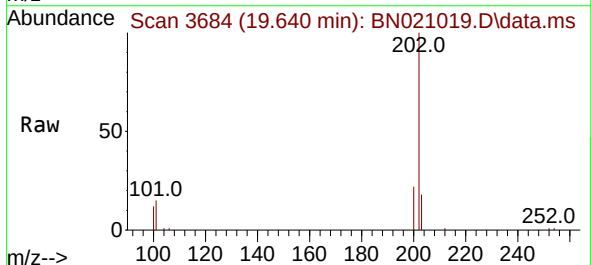
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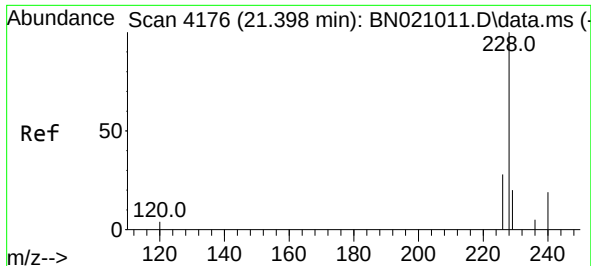
Tgt Ion:202 Resp: 10706
Ion Ratio Lower Upper
202 100
101 12.4 10.0 15.0
100 9.7 8.0 12.0



#20
Pyrene
Concen: 0.355 ng/ul
RT: 19.640 min Scan# 3684
Delta R.T. -0.005 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:202 Resp: 11057
Ion Ratio Lower Upper
202 100
101 15.2 11.3 16.9
100 12.4 9.0 13.4

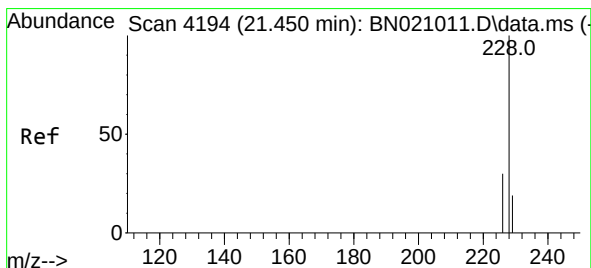
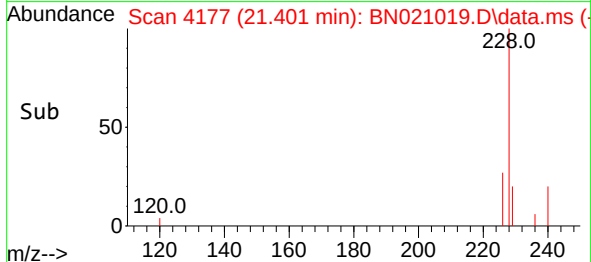
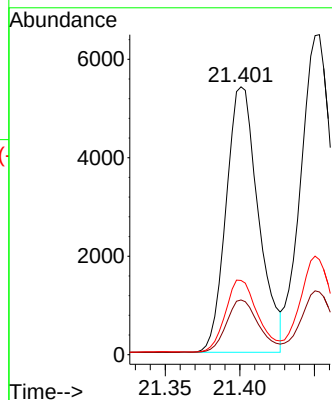
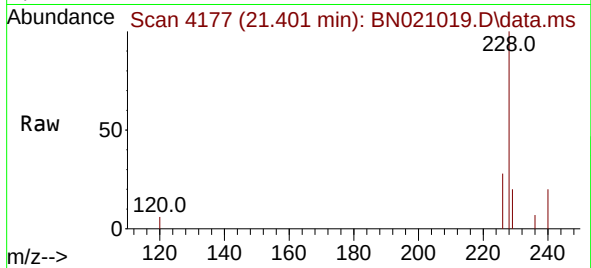




#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.401 min Scan# 4177
Delta R.T. -0.006 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

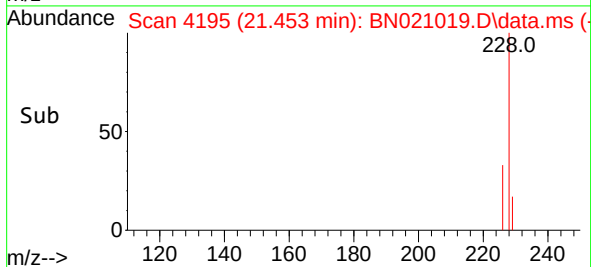
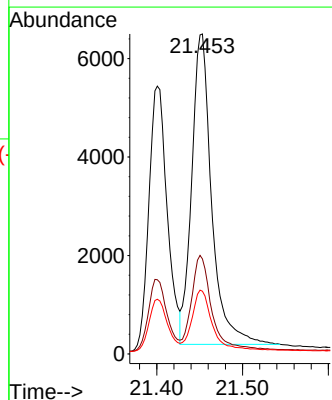
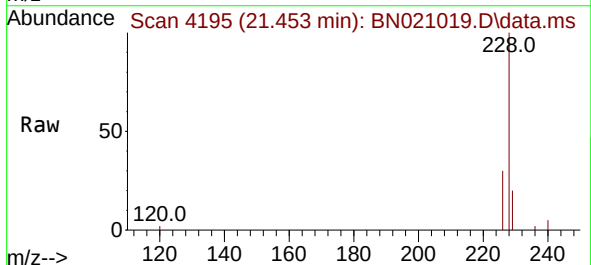
Instrument :
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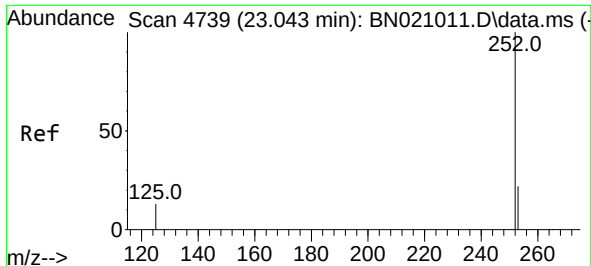
Tgt Ion:228 Resp: 8137
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.7 21.9 32.9



#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.453 min Scan# 4195
Delta R.T. -0.006 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:228 Resp: 10207
Ion Ratio Lower Upper
228 100
226 29.7 24.6 37.0
229 19.6 15.8 23.8

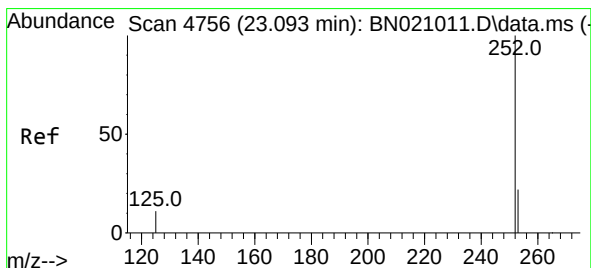
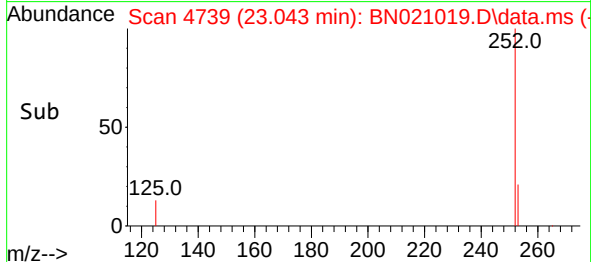
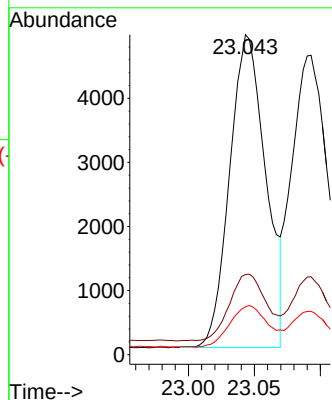
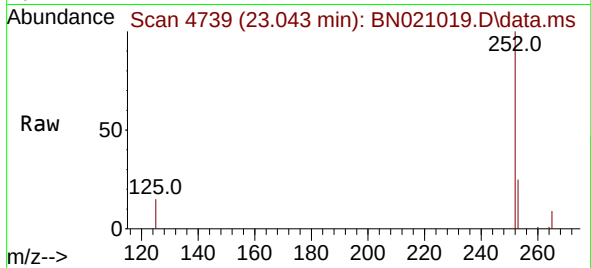




#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.043 min Scan# 4739
Delta R.T. -0.009 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

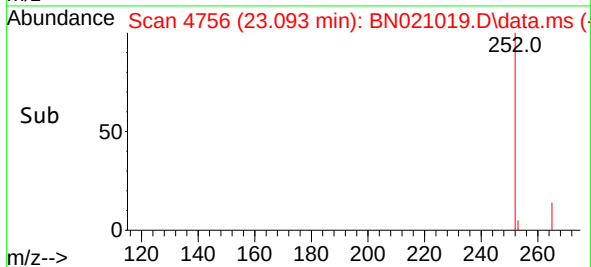
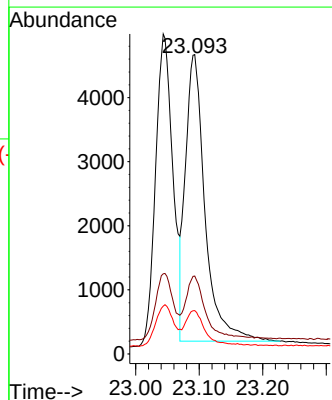
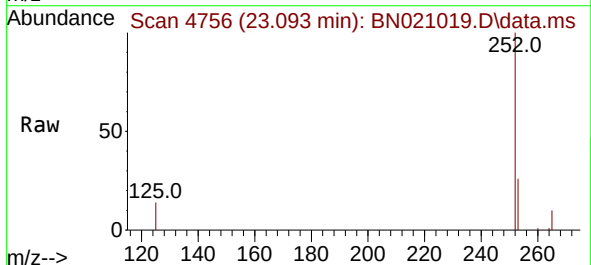
Instrument :
BNA_N
ClientSampleId :
SLCS742

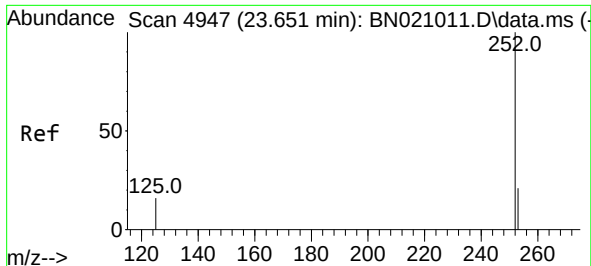
Tgt Ion:252 Resp: 9277
Ion Ratio Lower Upper
252 100
253 25.0 0.0 50.8
125 15.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.341 ng/ul
RT: 23.093 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:252 Resp: 9590
Ion Ratio Lower Upper
252 100
253 26.0 20.6 31.0
125 14.5 11.8 17.6

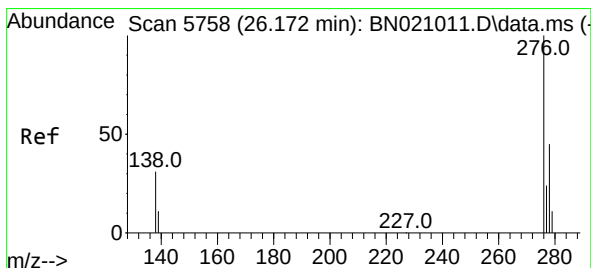
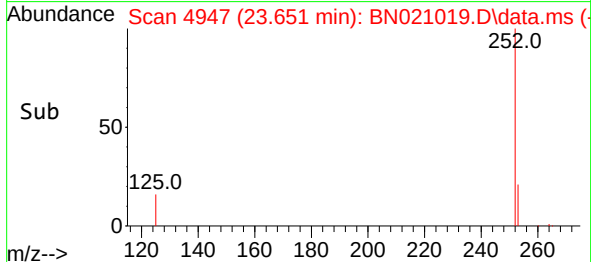
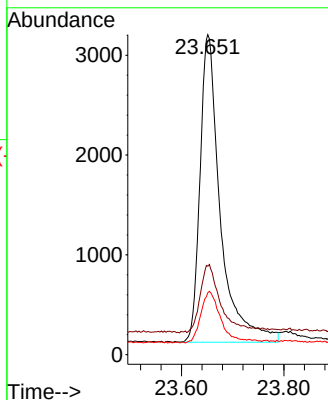
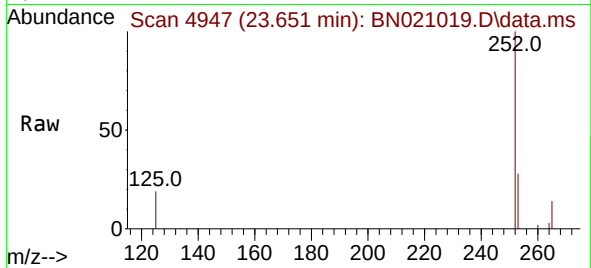




#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.651 min Scan# 4947
Delta R.T. -0.009 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

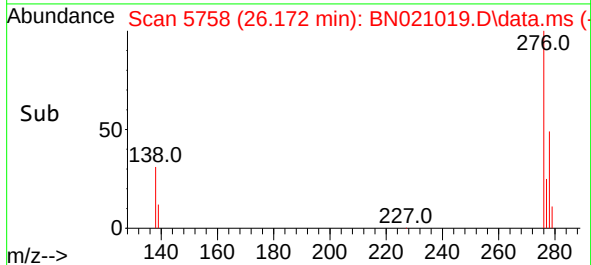
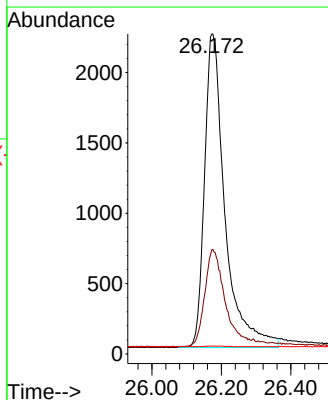
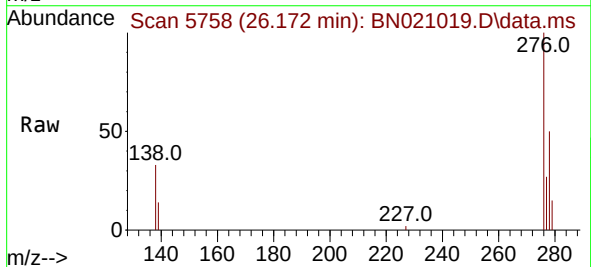
Instrument :
BNA_N
ClientSampleId :
SLCS742

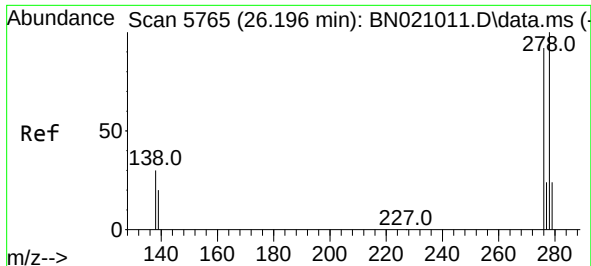
Tgt Ion:252 Resp: 8486
Ion Ratio Lower Upper
252 100
253 27.7 22.1 33.1
125 19.4 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.313 ng/ul
RT: 26.172 min Scan# 5758
Delta R.T. -0.013 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:276 Resp: 9090
Ion Ratio Lower Upper
276 100
138 32.8 26.1 39.1
227 0.1 0.1 0.1

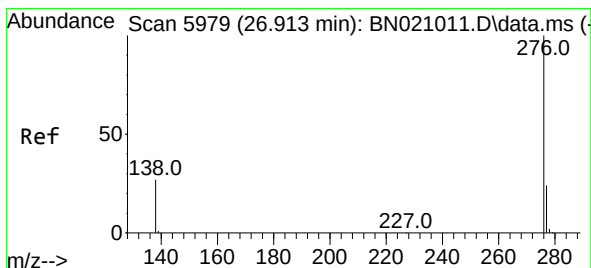
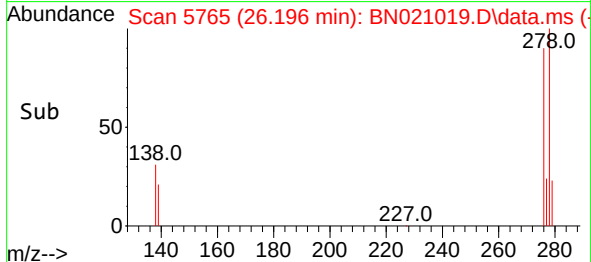
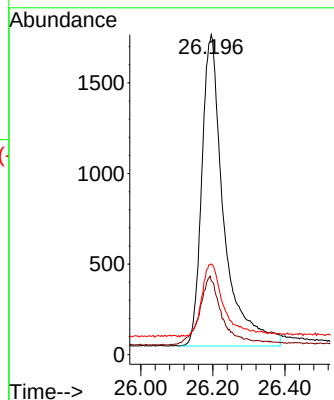
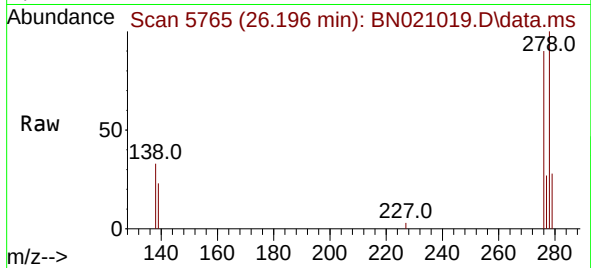




#28
Dibenzo(a,h)anthracene
Concen: 0.318 ng/ul
RT: 26.196 min Scan# 5765
Delta R.T. -0.013 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Instrument :
BNA_N
ClientSampleId :
SLCS742

Tgt Ion:278 Resp: 7288
Ion Ratio Lower Upper
278 100
139 23.2 18.3 27.5
279 28.4 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.316 ng/ul
RT: 26.913 min Scan# 5979
Delta R.T. -0.017 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:276 Resp: 8172
Ion Ratio Lower Upper
276 100
138 29.2 22.6 34.0
277 25.9 20.2 30.2

