

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080922\
 Data File : BN021106.D
 Acq On : 10 Aug 2022 04:47
 Operator : CG/JU
 Sample : SP5955
 Misc : SFAM SIM SPIKE
 ALS Vial : 26 Sample Multiplier: 1

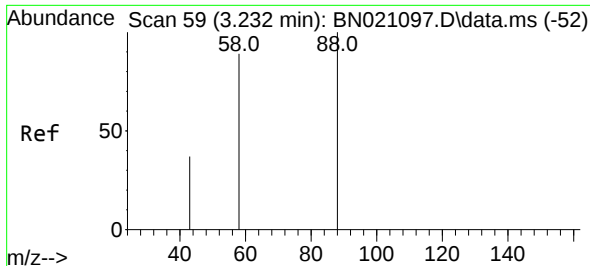
Instrument :
 BNA_N
 ClientSampleId :
 SP5955

Quant Time: Aug 10 05:23:06 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 : Tue Aug 09 23:10:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	2707	0.400	ng/ul	0.00
4) Naphthalene-d8	10.585	136	9369	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.438	164	5359	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.189	188	10312	0.400	ng/ul	0.00
17) Chrysene-d12	21.389	240	8216	0.400	ng/ul	-0.02
23) Perylene-d12	23.716	264	6123	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng/ul	
18) Fluoranthene-d10	0.000	212	0d	0.000	ng/ul	
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	13287	3.725	ng/ul#	80
5) Naphthalene	10.629	128	20427	0.710	ng/ul	97
7) 2-Methylnaphthalene	12.257	142	12762	0.731	ng/ul	99
8) 1-Methylnaphthalene	12.477	142	13859	0.794	ng/ul	100
10) Acenaphthylene	14.156	152	18568	0.741	ng/ul	98
11) Acenaphthene	14.498	153	14463	0.698	ng/ul	98
12) Fluorene	15.488	166	16022	0.707	ng/ul	99
14) Pentachlorophenol	16.851	266	2977	1.872	ng/ul	100
15) Phenanthrene	17.231	178	24899	0.675	ng/ul	99
16) Anthracene	17.324	178	21479	0.752	ng/ul	98
19) Fluoranthene	19.254	202	25650	0.705	ng/ul	99
20) Pyrene	19.616	202	27181	0.724	ng/ul	97
21) Benzo(a)anthracene	21.372	228	20125	0.751	ng/ul	100
22) Chrysene	21.424	228	22901	0.649	ng/ul	100
24) Benzo(b)fluoranthene	23.005	252	19759	0.697	ng/ul	96
25) Benzo(k)fluoranthene	23.055	252	20124	0.673	ng/ul	97
26) Benzo(a)pyrene	23.610	252	17664	0.683	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.119	276	18040	0.584	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.135	278	14513	0.595	ng/ul	95
29) Benzo(g,h,i)perylene	26.853	276	15945	0.579	ng/ul	100

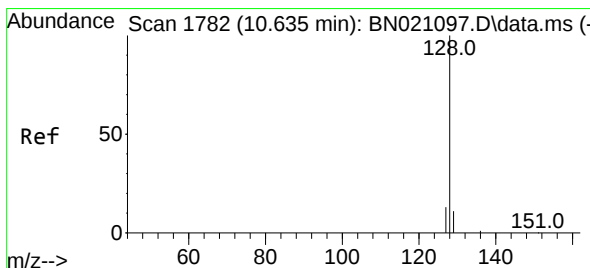
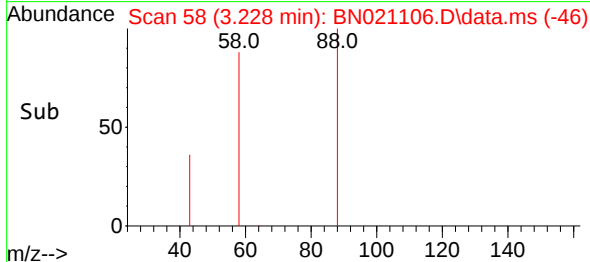
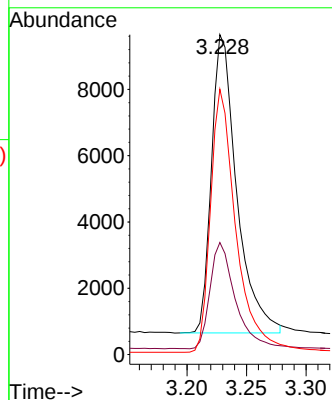
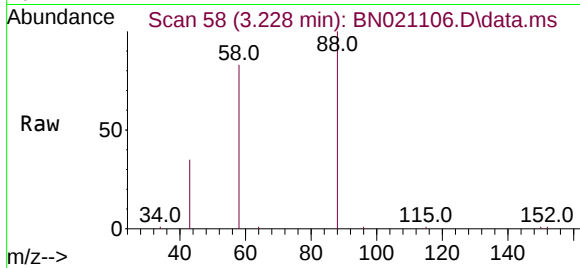
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 3.725 ng/ul
RT: 3.228 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

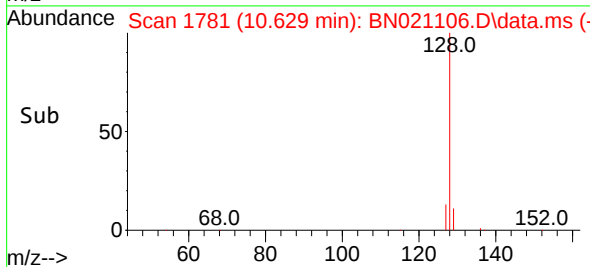
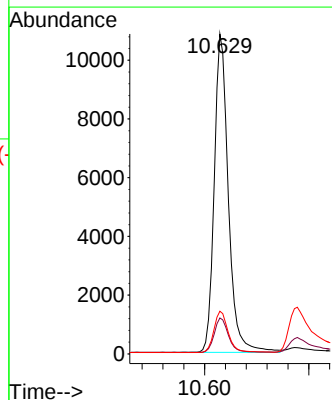
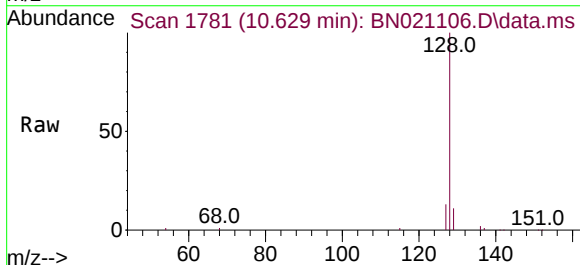
Instrument :
BNA_N
ClientSampleId :
SP5955

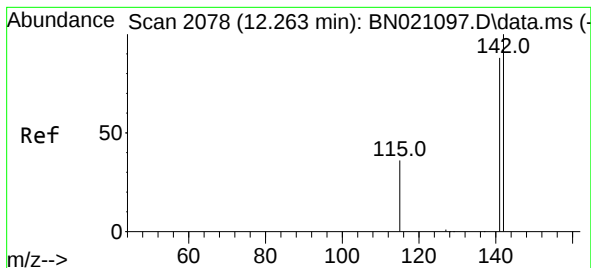
Tgt Ion: 88 Resp: 13287
Ion Ratio Lower Upper
88 100
43 35.0 31.4 47.0
58 82.9 49.0 73.6#



#5
Naphthalene
Concen: 0.710 ng/ul
RT: 10.629 min Scan# 1781
Delta R.T. 0.001 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

Tgt Ion: 128 Resp: 20427
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.6
127 13.3 11.6 17.4

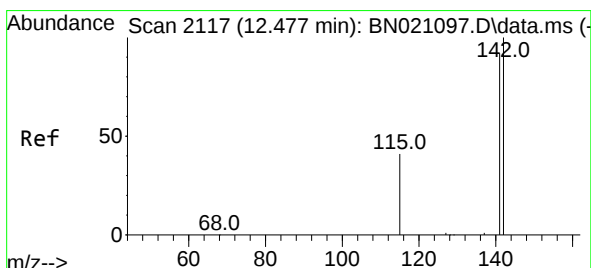
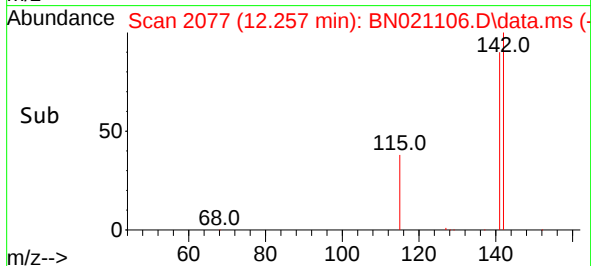
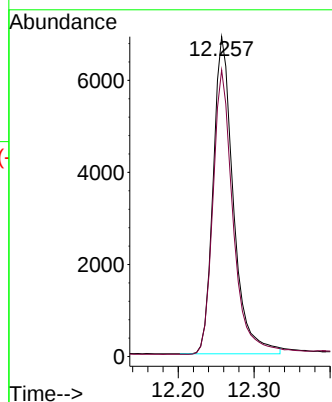
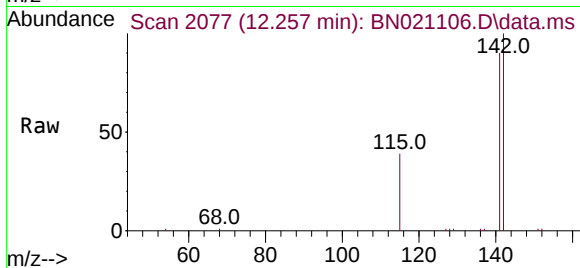




#7
2-Methylnaphthalene
Concen: 0.731 ng/ul
RT: 12.257 min Scan# 2078
Delta R.T. 0.007 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

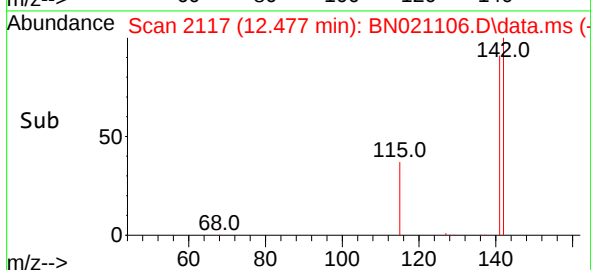
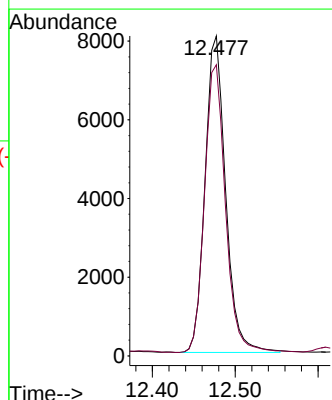
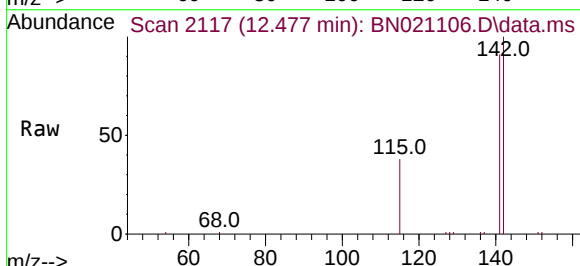
Instrument :
BNA_N
ClientSampleId :
SP5955

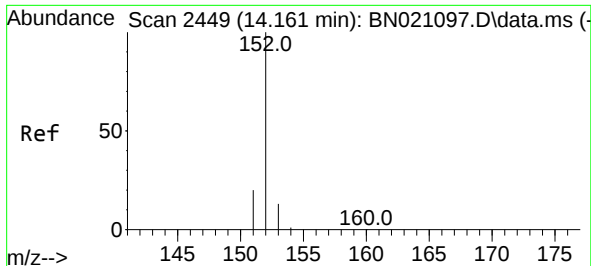
Tgt Ion:142 Resp: 12762
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.794 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

Tgt Ion:142 Resp: 13859
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9

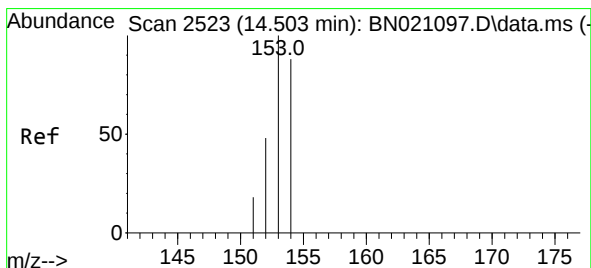
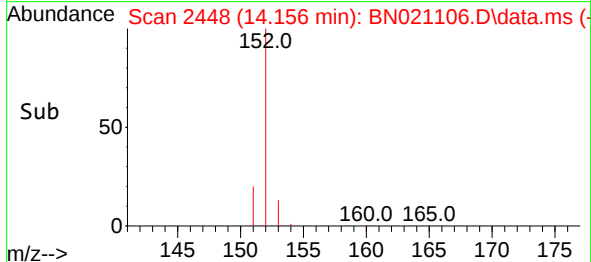
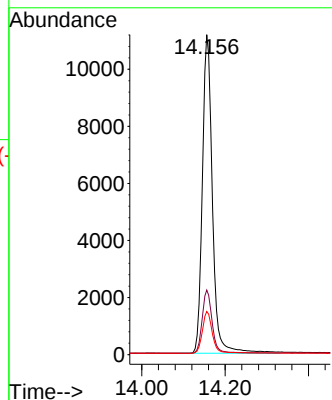
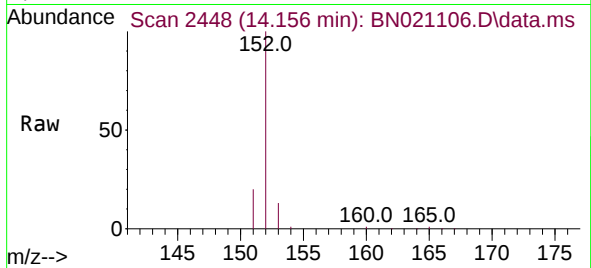




#10
Acenaphthylene
Concen: 0.741 ng/ul
RT: 14.156 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

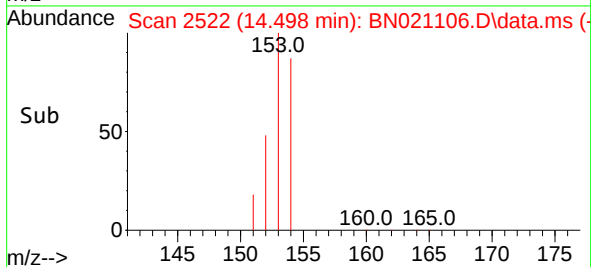
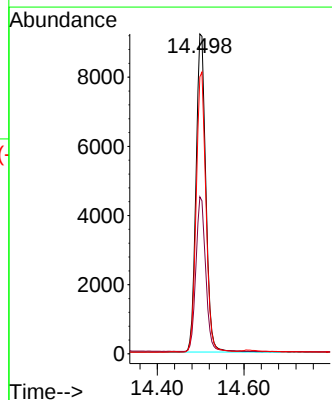
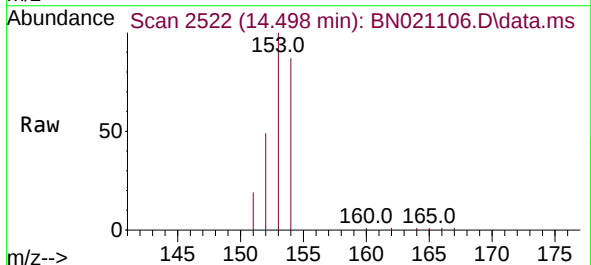
Instrument :
BNA_N
ClientSampleId :
SP5955

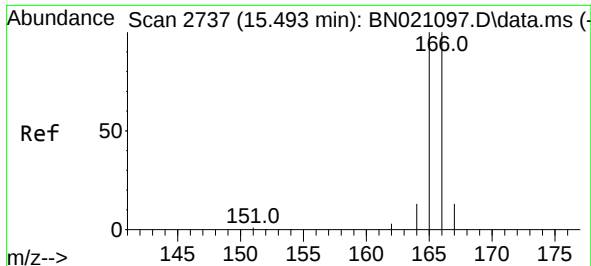
Tgt Ion:152 Resp: 18568
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 13.5 11.2 16.8



#11
Acenaphthene
Concen: 0.698 ng/ul
RT: 14.498 min Scan# 2522
Delta R.T. -0.003 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

Tgt Ion:153 Resp: 14463
Ion Ratio Lower Upper
153 100
152 49.1 40.2 60.4
154 86.6 70.7 106.1

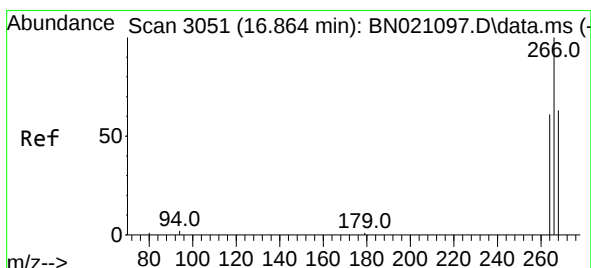
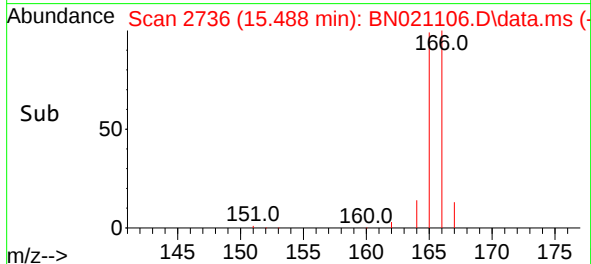
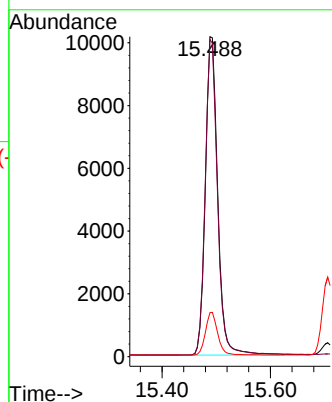
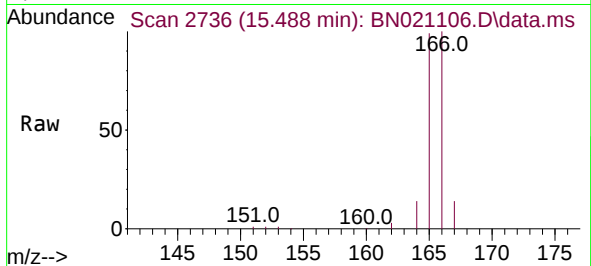




#12
Fluorene
Concen: 0.707 ng/ul
RT: 15.488 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

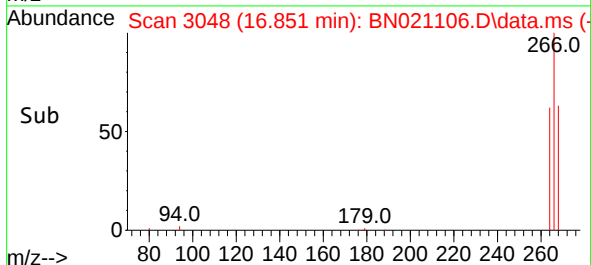
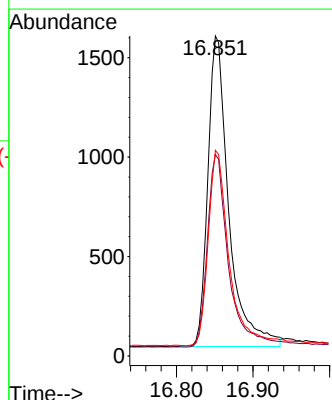
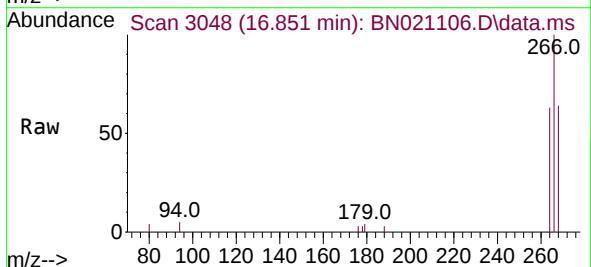
Instrument :
BNA_N
ClientSampleId :
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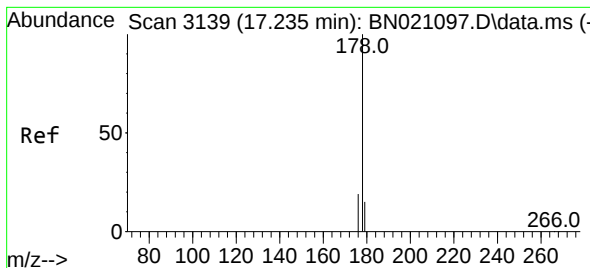
Tgt Ion:166 Resp: 16022
Ion Ratio Lower Upper
166 100
165 99.1 78.6 117.8
167 13.7 11.8 17.6



#14
Pentachlorophenol
Concen: 1.872 ng/ul
RT: 16.851 min Scan# 3048
Delta R.T. -0.003 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

Tgt Ion:266 Resp: 2977
Ion Ratio Lower Upper
266 100
264 62.5 49.8 74.8
268 63.0 50.6 75.8





#15

Phenanthrene

Concen: 0.675 ng/ul

RT: 17.231 min Scan# 3139

Delta R.T. 0.001 min

Lab File: BN021106.D

Acq: 10 Aug 2022 04:47

Instrument :

BNA_N

ClientSampleId :

SP5955

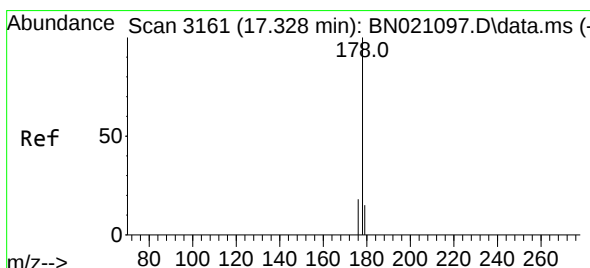
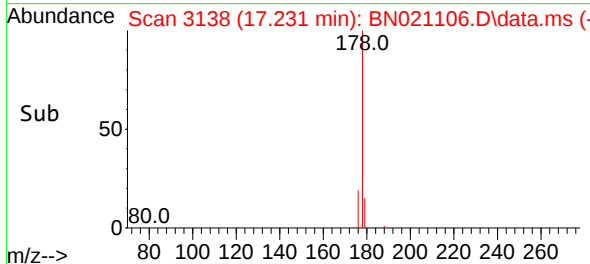
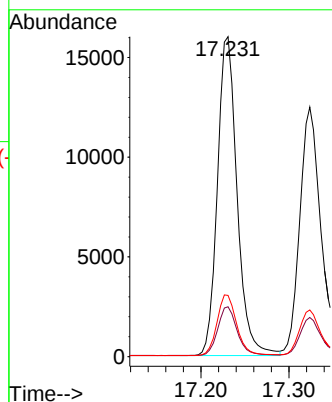
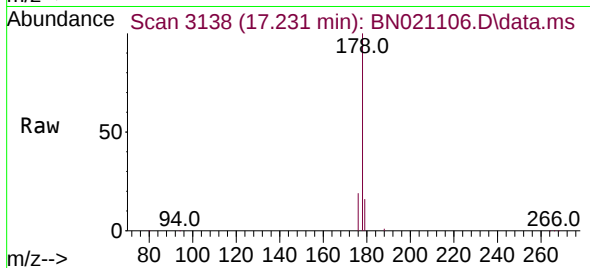
Tgt Ion:178 Resp: 24899

Ion Ratio Lower Upper

178 100

179 15.6 12.8 19.2

176 19.1 15.9 23.9



#16

Anthracene

Concen: 0.752 ng/ul

RT: 17.324 min Scan# 3160

Delta R.T. 0.001 min

Lab File: BN021106.D

Acq: 10 Aug 2022 04:47

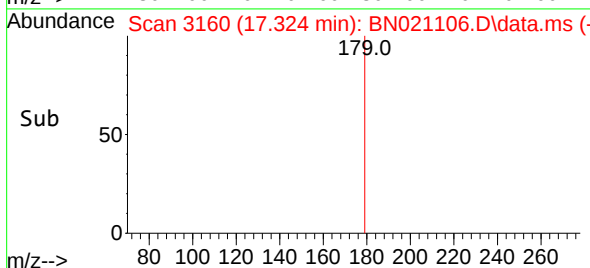
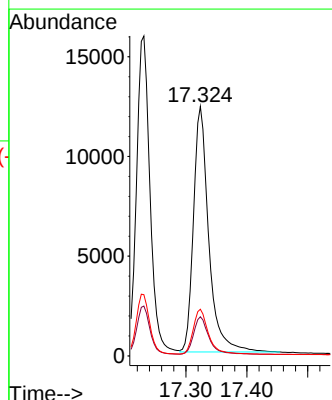
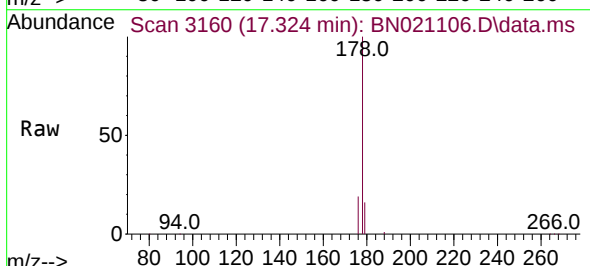
Tgt Ion:178 Resp: 21479

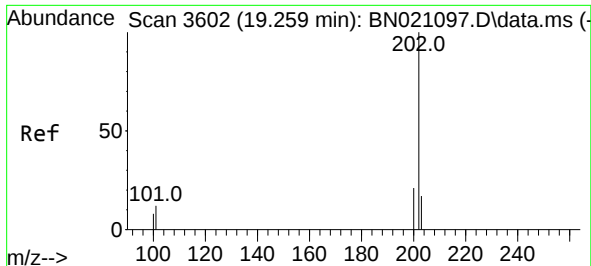
Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

176 18.7 15.9 23.9

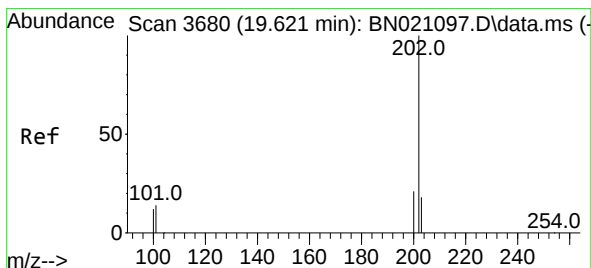
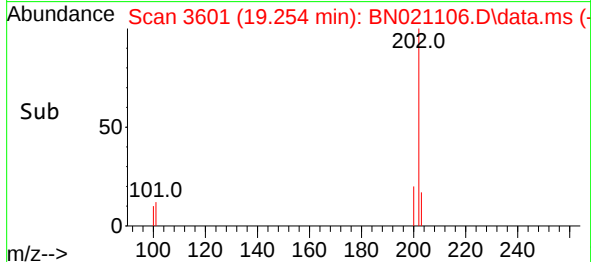
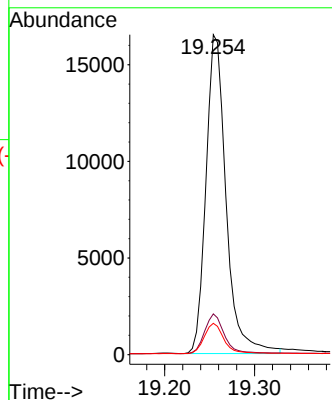
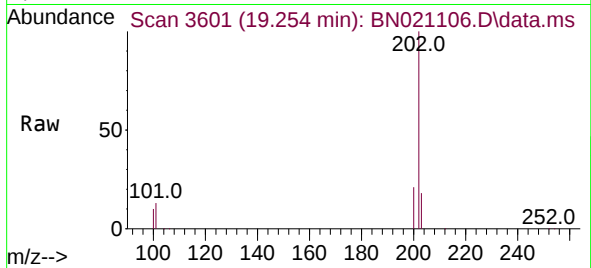




#19
Fluoranthene
Concen: 0.705 ng/ul
RT: 19.254 min Scan# 3601
Delta R.T. -0.008 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

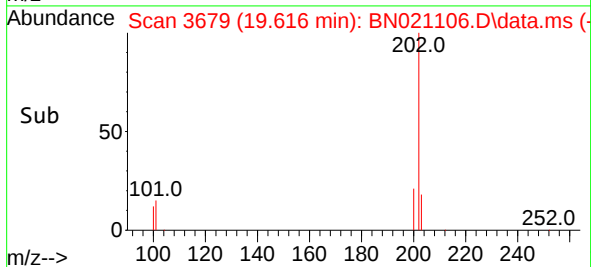
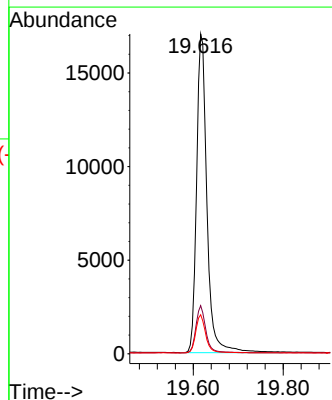
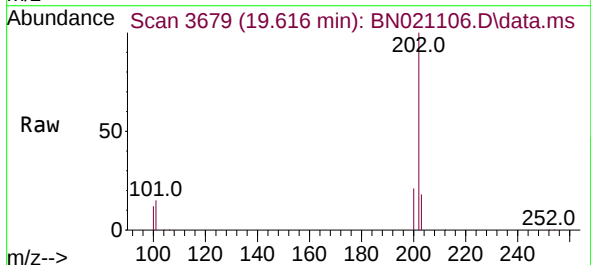
Instrument :
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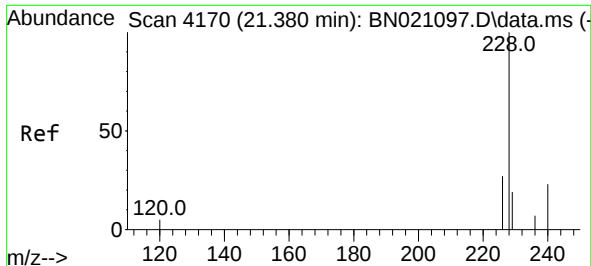
Tgt Ion:202 Resp: 25650
Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 9.8 8.0 12.0



#20
Pyrene
Concen: 0.724 ng/ul
RT: 19.616 min Scan# 3679
Delta R.T. -0.008 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

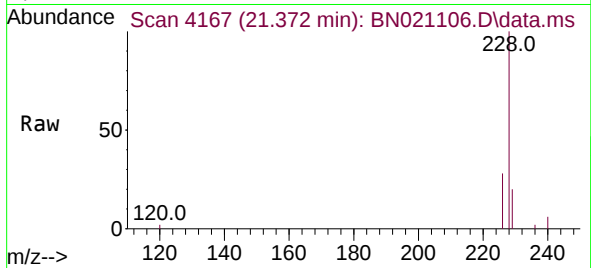
Tgt Ion:202 Resp: 27181
Ion Ratio Lower Upper
202 100
101 15.1 11.3 16.9
100 12.2 9.0 13.4



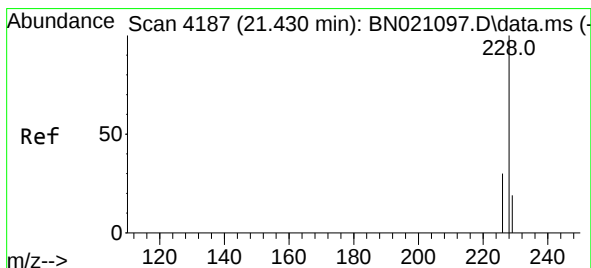
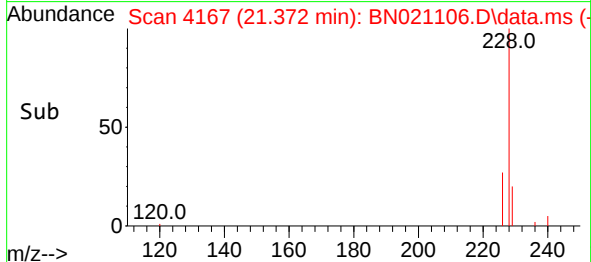
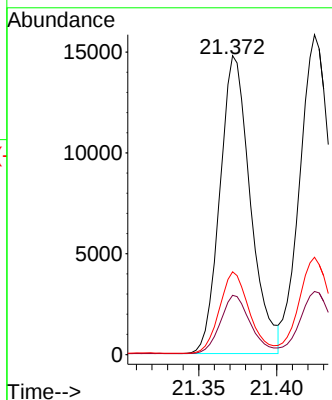


#21
Benzo(a)anthracene
Concen: 0.751 ng/ul
RT: 21.372 min Scan# 4167
Delta R.T. -0.015 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

Instrument :
BNA_N
ClientSampleId :
SP5955

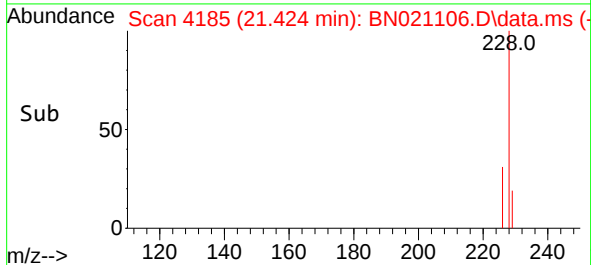
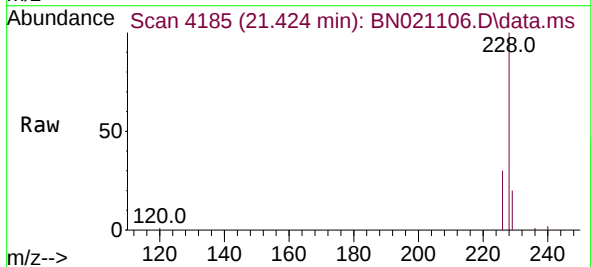
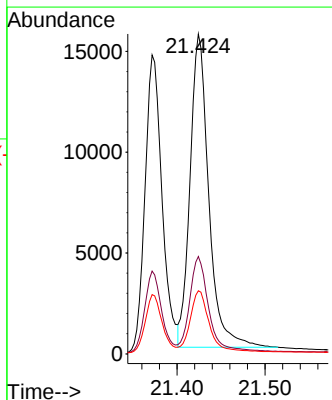


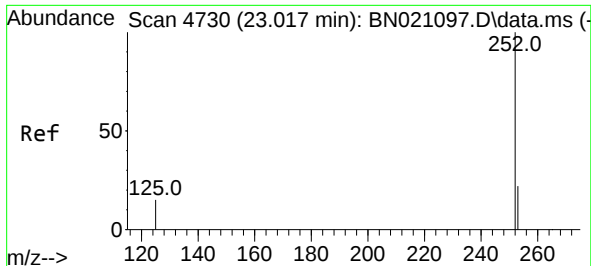
Tgt Ion:228 Resp: 20125
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.7 21.9 32.9



#22
Chrysene
Concen: 0.649 ng/ul
RT: 21.424 min Scan# 4185
Delta R.T. -0.018 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

Tgt Ion:228 Resp: 22901
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.7 15.8 23.8

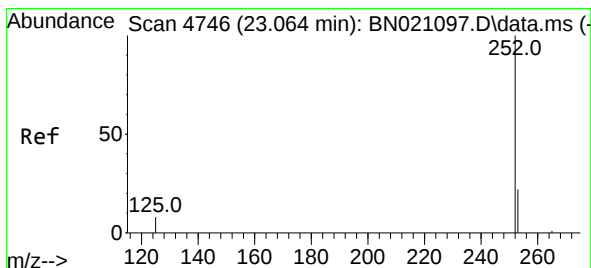
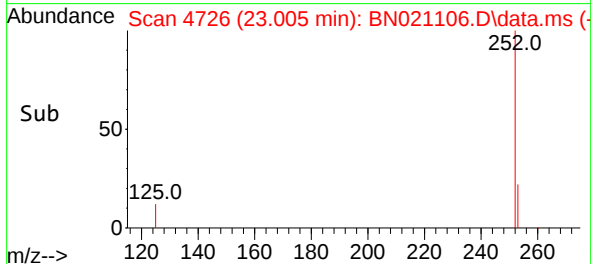
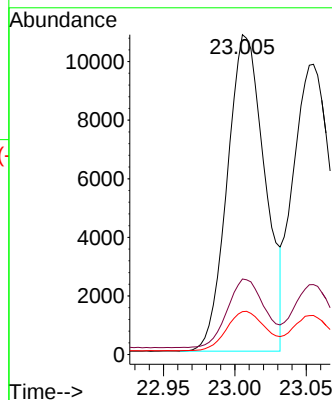
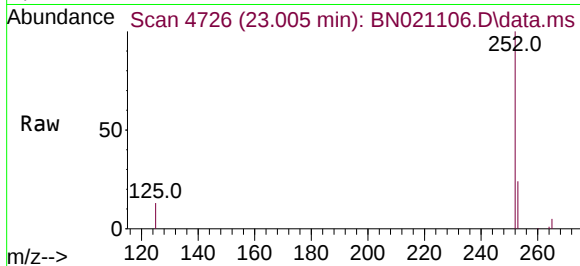




#24
Benzo(b)fluoranthene
Concen: 0.697 ng/ul
RT: 23.005 min Scan# 4726
Delta R.T. -0.024 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

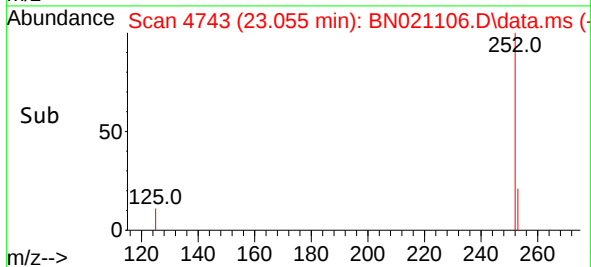
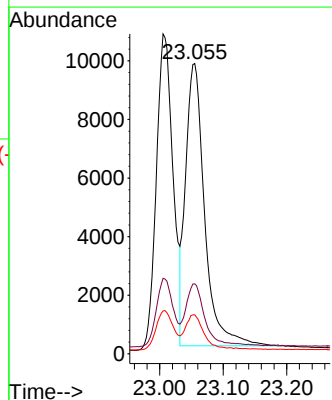
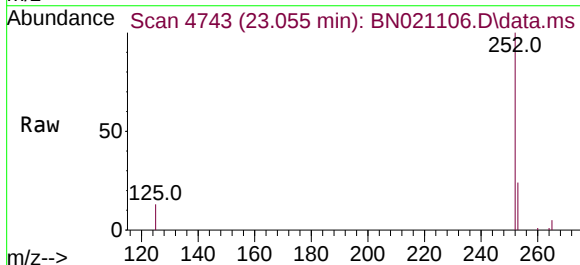
Instrument :
BNA_N
ClientSampleId :
SP5955

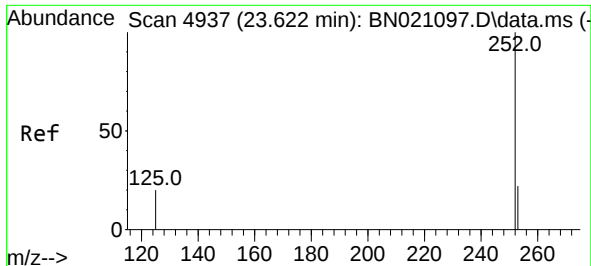
Tgt Ion:252 Resp: 19759
Ion Ratio Lower Upper
252 100
253 23.6 0.0 50.8
125 13.4 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.673 ng/ul
RT: 23.055 min Scan# 4743
Delta R.T. -0.021 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

Tgt Ion:252 Resp: 20124
Ion Ratio Lower Upper
252 100
253 24.1 20.6 31.0
125 13.5 11.8 17.6

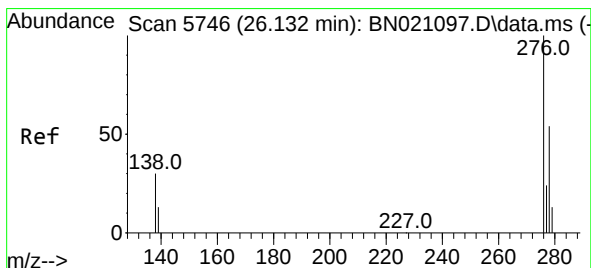
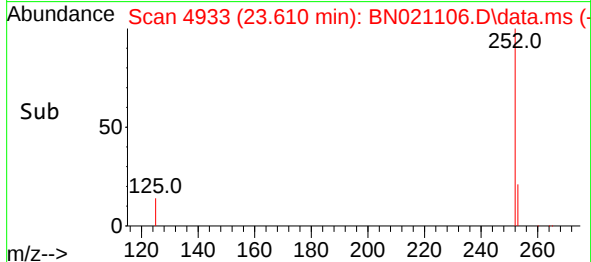
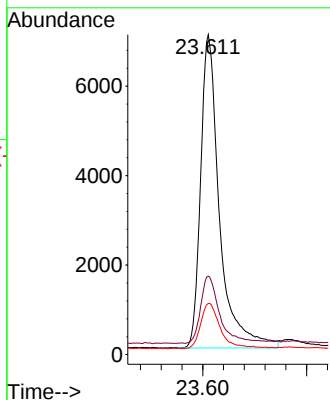
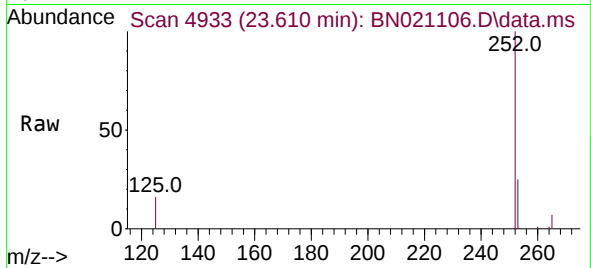




#26
Benzo(a)pyrene
Concen: 0.683 ng/ul
RT: 23.610 min Scan# 4933
Delta R.T. -0.024 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

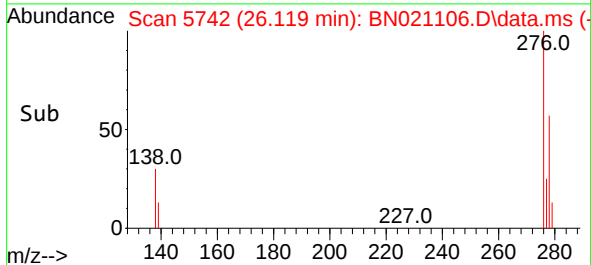
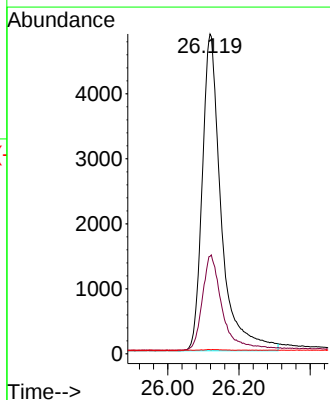
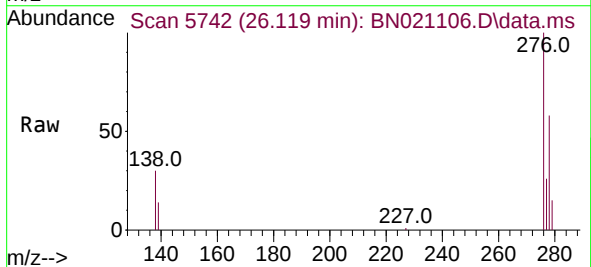
Instrument :
BNA_N
ClientSampleId :
SP5955

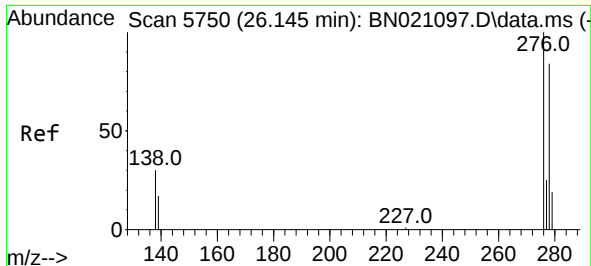
Tgt Ion:	252	Resp:	17664
Ion Ratio	Lower	Upper	
252	100		
253	24.5	22.1	33.1
125	16.0	14.7	22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.584 ng/ul
RT: 26.119 min Scan# 5742
Delta R.T. -0.031 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

Tgt Ion:	276	Resp:	18040
Ion Ratio	Lower	Upper	
276	100		
138	31.7	26.1	39.1
227	0.2	0.1	0.1

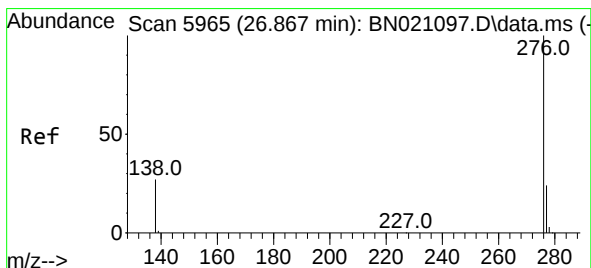
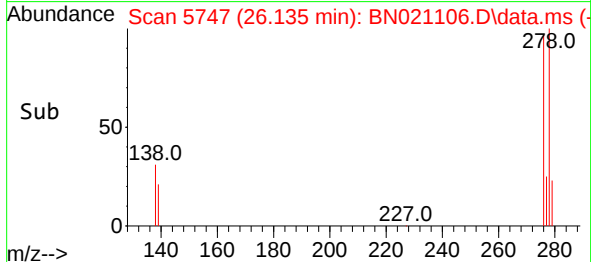
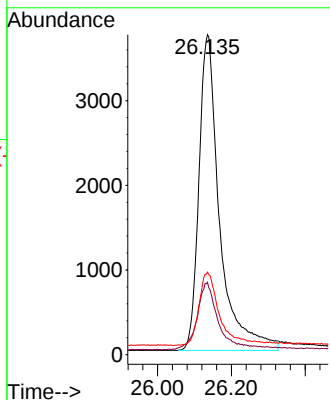
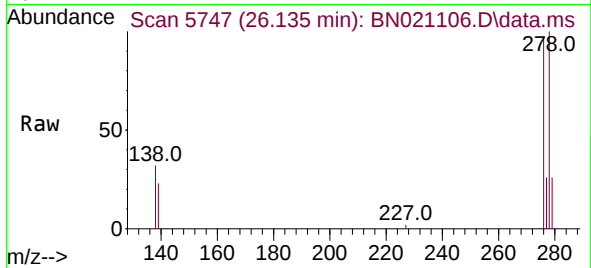




#28
Dibenzo(a,h)anthracene
Concen: 0.595 ng/ul
RT: 26.135 min Scan# 51
Delta R.T. -0.031 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

Instrument :
BNA_N
ClientSampleId :
SP5955

Tgt Ion:278 Resp: 14513
Ion Ratio Lower Upper
278 100
139 22.6 18.3 27.5
279 25.8 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.579 ng/ul
RT: 26.853 min Scan# 5961
Delta R.T. -0.034 min
Lab File: BN021106.D
Acq: 10 Aug 2022 04:47

Tgt Ion:276 Resp: 15945
Ion Ratio Lower Upper
276 100
138 28.5 22.6 34.0
277 25.0 20.2 30.2

