

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020379.D
 Acq On : 23 Jun 2022 19:48
 Operator : CG/JU
 Sample : SST0.210
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

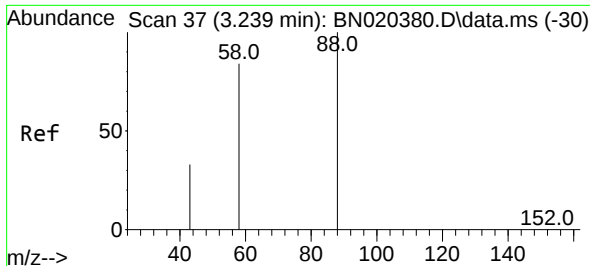
Instrument :
 BNA_N
 ClientSampleId :
 SST0.2210

Quant Time: Jun 24 00:03:21 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 : Thu Jun 23 23:59:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	3508	0.400	ng/ul	0.00
4) Naphthalene-d8	10.535	136	11308	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.382	164	7444	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	16798	0.400	ng/ul	0.00
17) Chrysene-d12	21.311	240	13558	0.400	ng/ul	0.00
23) Perylene-d12	23.596	264	10059	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	795	0.198	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.130	152	3509	0.188	ng/ul	0.00
18) Fluoranthene-d10	19.151	212	8788	0.314	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.243	88	745	0.193	ng/ul#	86
5) Naphthalene	10.584	128	7752	0.214	ng/ul	100
7) 2-Methylnaphthalene	12.201	142	5141	0.220	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	4227	0.184	ng/ul	100
10) Acenaphthylene	14.099	152	7664	0.215	ng/ul	99
11) Acenaphthene	14.442	153	6197	0.182	ng/ul	100
12) Fluorene	15.432	166	7320	0.208	ng/ul	100
14) Pentachlorophenol	16.786	266	718	0.223	ng/ul	100
15) Phenanthrene	17.162	178	12945	0.213	ng/ul	99
16) Anthracene	17.255	178	10969	0.213	ng/ul	99
19) Fluoranthene	19.183	202	14019	0.256	ng/ul	99
20) Pyrene	19.546	202	14710	0.248	ng/ul	99
21) Benzo(a)anthracene	21.296	228	10639	0.202	ng/ul	99
22) Chrysene	21.349	228	12041	0.184	ng/ul	99
24) Benzo(b)fluoranthene	22.904	252	10171	0.142	ng/ul	94
25) Benzo(k)fluoranthene	22.953	252	10239	0.153	ng/ul	95
26) Benzo(a)pyrene	23.497	252	9254	0.203	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.938	276	9215	0.124	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.951	278	7413	0.125	ng/ul	96
29) Benzo(g,h,i)perylene	26.649	276	7948	0.122	ng/ul	98

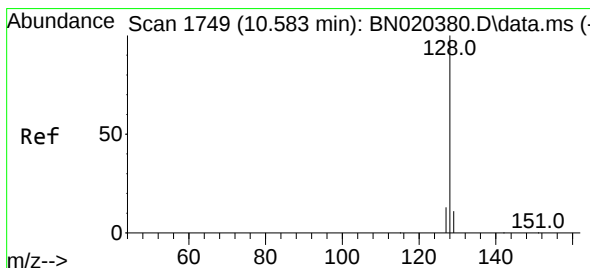
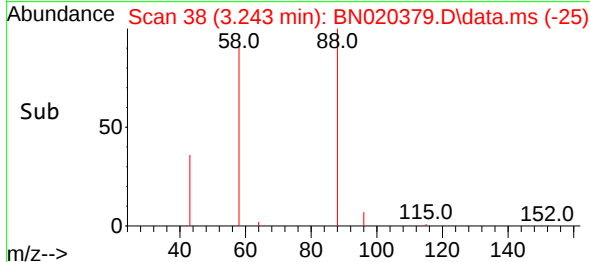
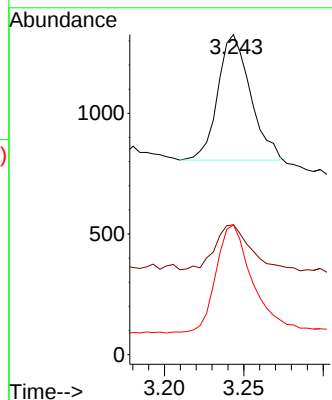
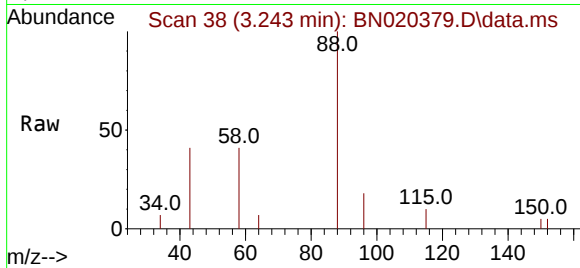
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.193 ng/ul
RT: 3.243 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN020379.D
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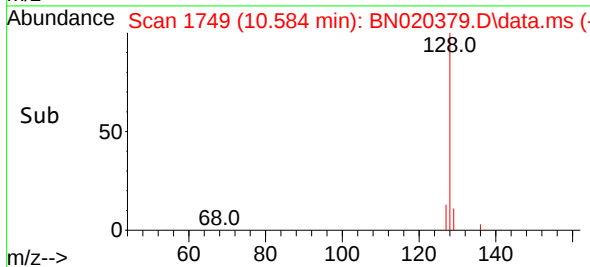
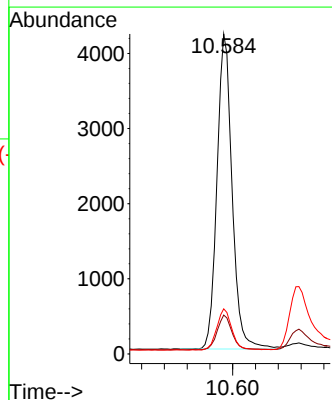
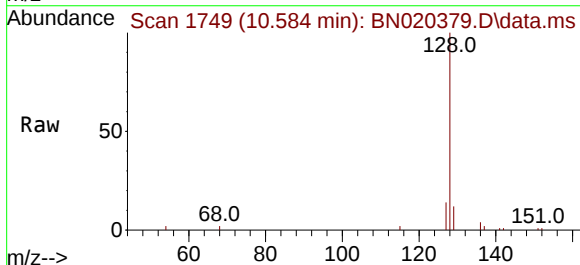
Instrument :
BNA_N
ClientSampleId :
SSTD0.2210

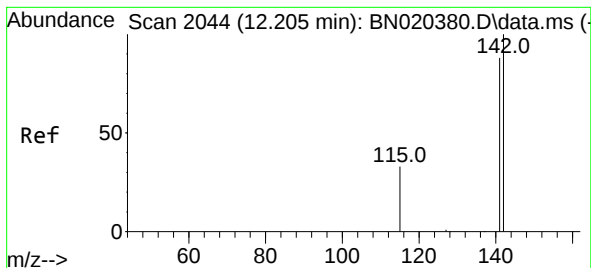
Tgt Ion: 88 Resp: 745
Ion Ratio Lower Upper
88 100
43 40.6 32.5 48.7
58 40.6 46.2 69.2#



#5
Naphthalene
Concen: 0.214 ng/ul
RT: 10.584 min Scan# 1749
Delta R.T. 0.001 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

Tgt Ion: 128 Resp: 7752
Ion Ratio Lower Upper
128 100
129 12.2 9.5 14.3
127 14.1 11.3 16.9

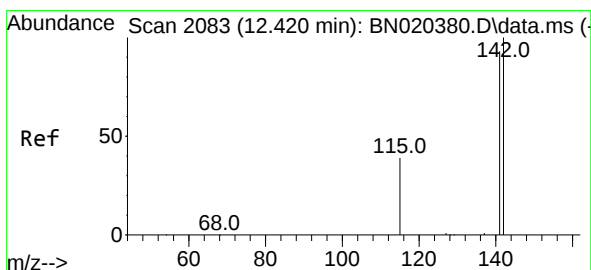
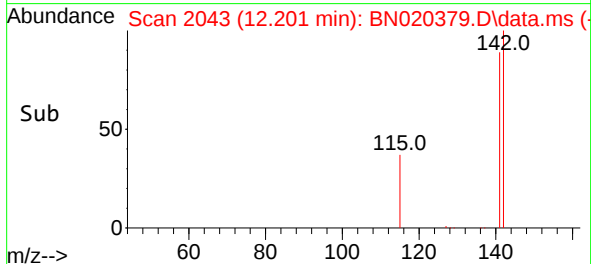
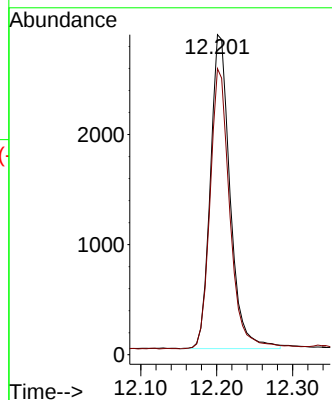
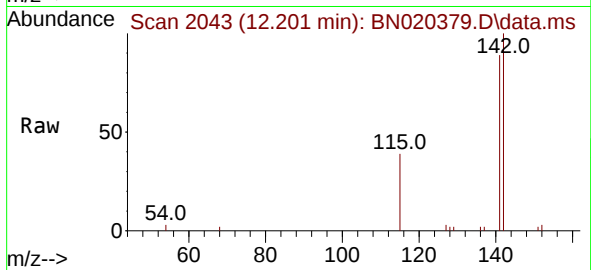




#7
2-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.201 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

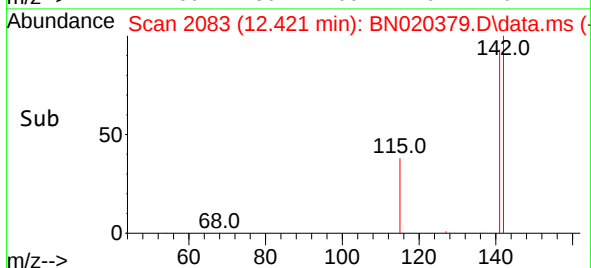
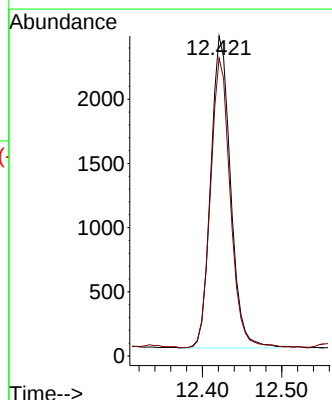
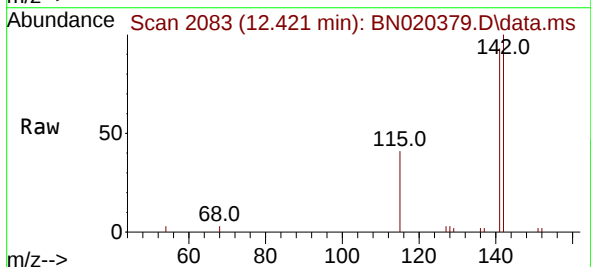
Instrument :
BNA_N
ClientSampleId :
SSTD0.2210

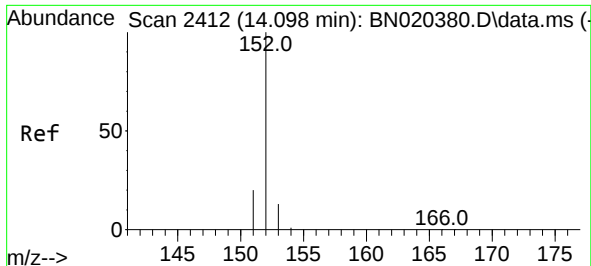
Tgt Ion:142 Resp: 5141
Ion Ratio Lower Upper
142 100
141 89.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.421 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

Tgt Ion:142 Resp: 4227
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5

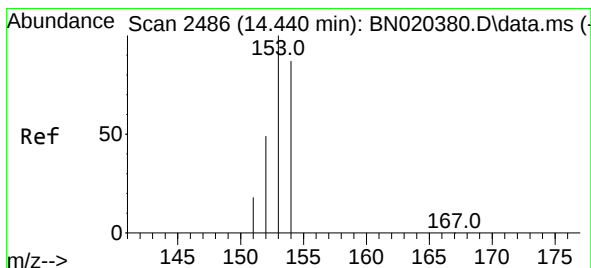
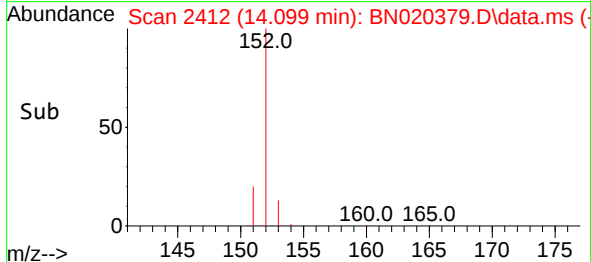
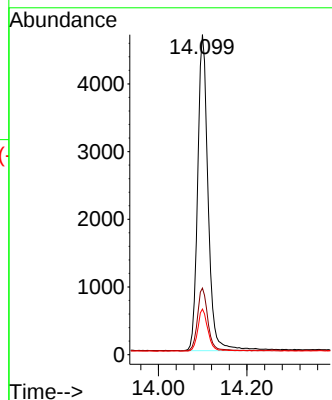
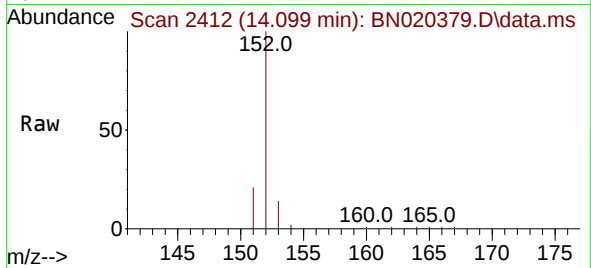




#10
Acenaphthylene
Concen: 0.215 ng/ul
RT: 14.099 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

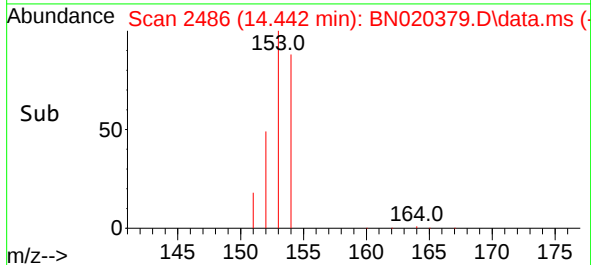
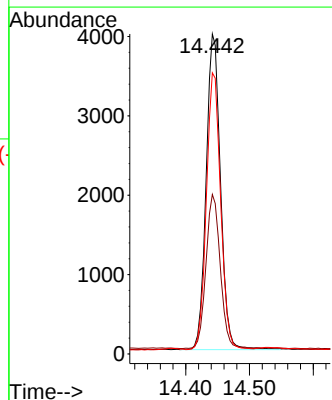
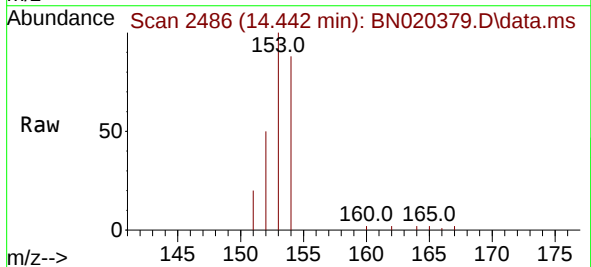
Instrument :
BNA_N
ClientSampleId :
SSTD0.2210

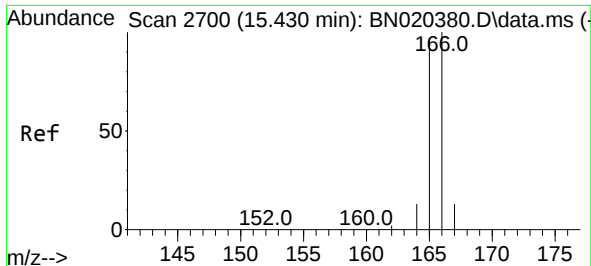
Tgt Ion:152 Resp: 7664
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7
153 14.2 11.1 16.7



#11
Acenaphthene
Concen: 0.182 ng/ul
RT: 14.442 min Scan# 2486
Delta R.T. 0.001 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

Tgt Ion:153 Resp: 6197
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 87.9 70.0 105.0

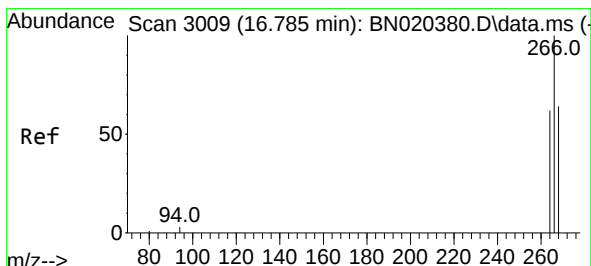
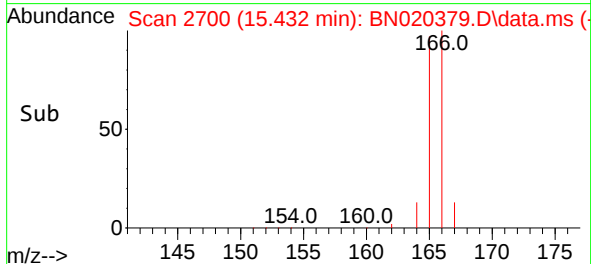
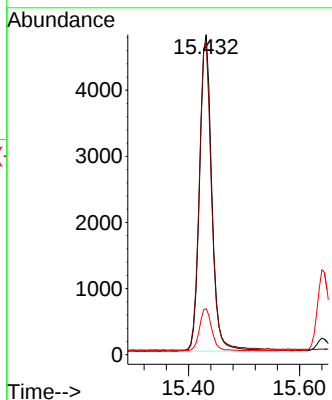
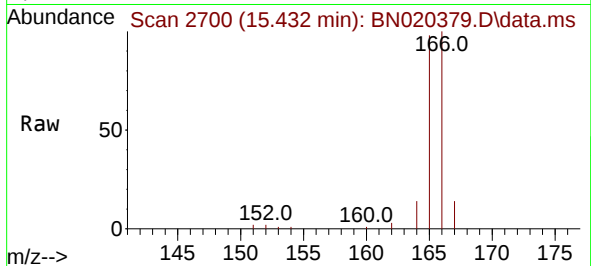




#12
 Fluorene
 Concen: 0.208 ng/ul
 RT: 15.432 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BN020379.D
 Acq: 23 Jun 2022 19:48

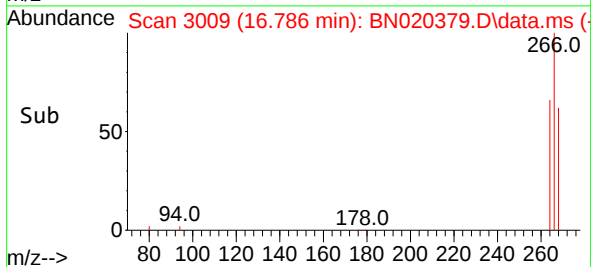
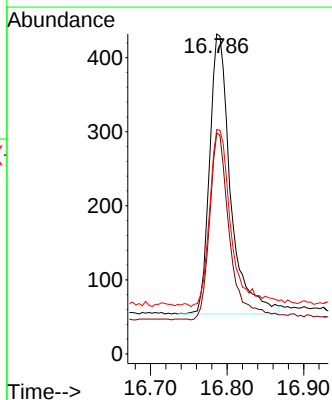
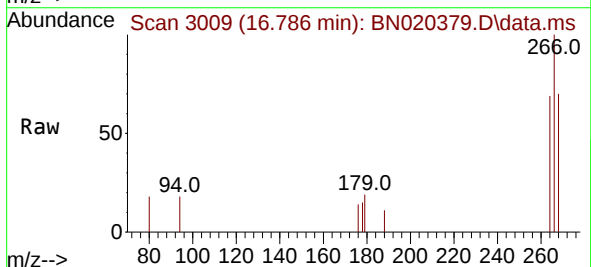
Instrument :
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 ClientSampleId :
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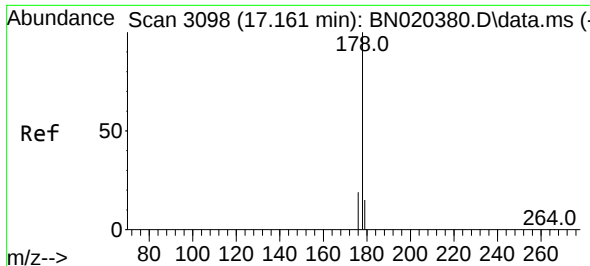
Tgt Ion:166 Resp: 7320
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.2 117.2
 167 14.4 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.223 ng/ul
 RT: 16.786 min Scan# 3009
 Delta R.T. 0.001 min
 Lab File: BN020379.D
 Acq: 23 Jun 2022 19:48

Tgt Ion:266 Resp: 718
 Ion Ratio Lower Upper
 266 100
 264 64.3 51.6 77.4
 268 64.9 51.5 77.3

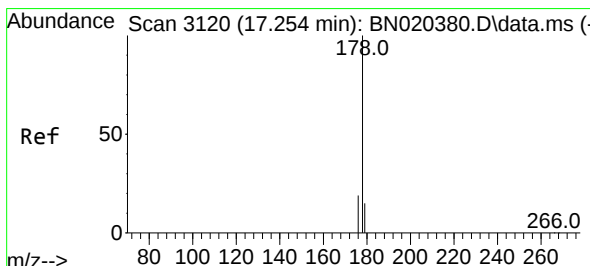
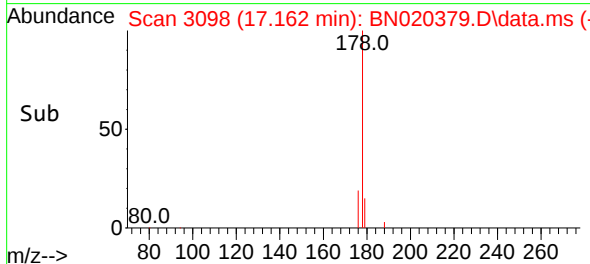
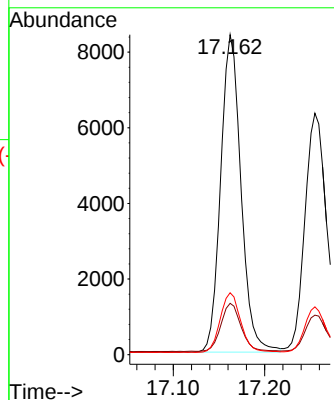
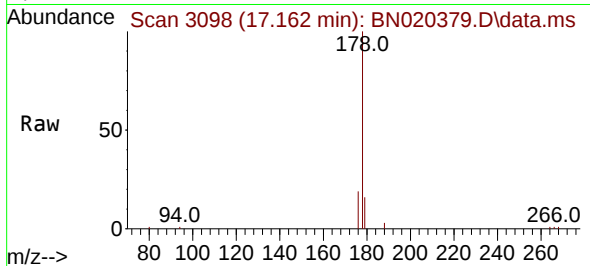




#15
Phenanthrene
Concen: 0.213 ng/ul
RT: 17.162 min Scan# 3098
Delta R.T. 0.001 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

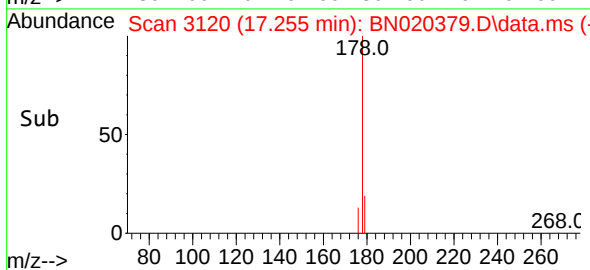
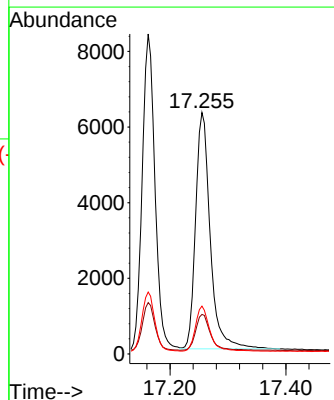
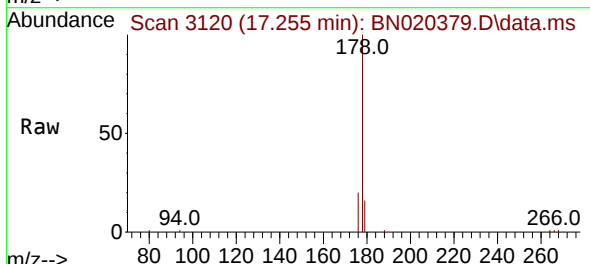
Instrument :
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ClientSampleId :
SSTD0.2210

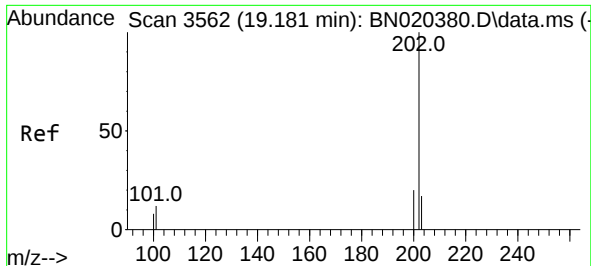
Tgt Ion:178 Resp: 12945
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.3 15.8 23.6



#16
Anthracene
Concen: 0.213 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

Tgt Ion:178 Resp: 10969
Ion Ratio Lower Upper
178 100
179 16.4 12.8 19.2
176 19.8 15.2 22.8

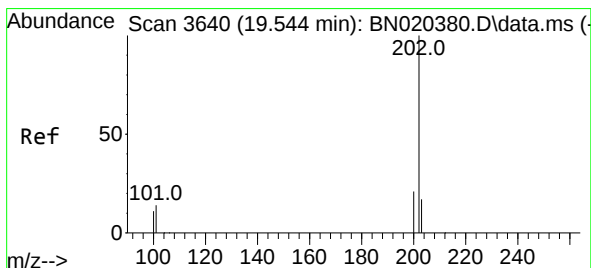
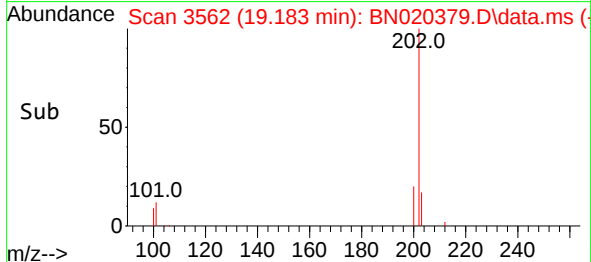
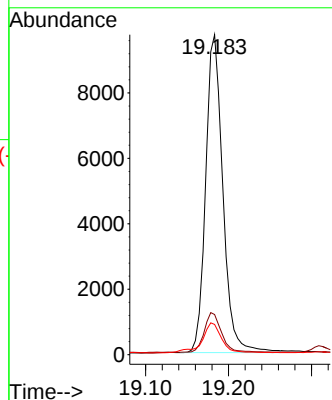
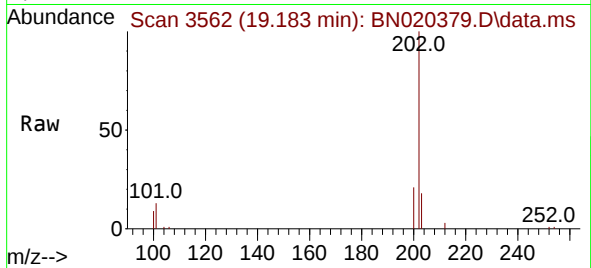




#19
Fluoranthene
Concen: 0.256 ng/ul
RT: 19.183 min Scan# 3562
Delta R.T. 0.002 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

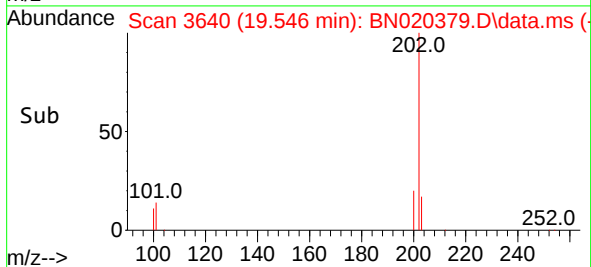
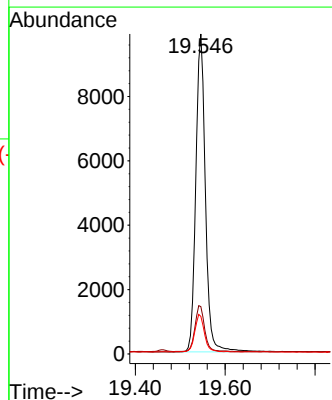
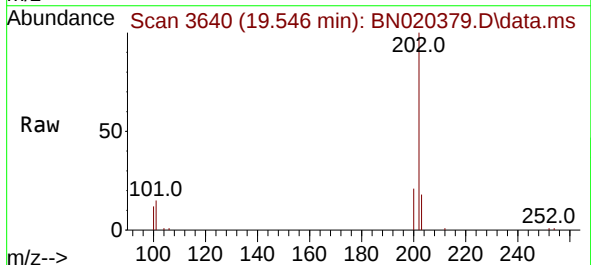
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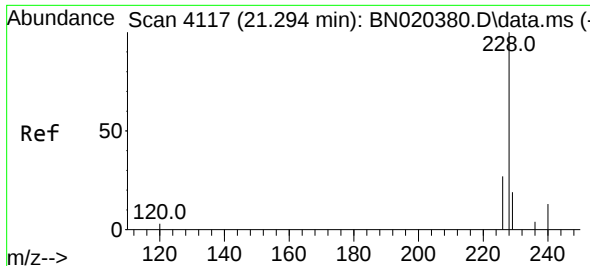
Tgt Ion:202 Resp: 14019
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.4 7.8 11.6



#20
Pyrene
Concen: 0.248 ng/ul
RT: 19.546 min Scan# 3640
Delta R.T. 0.002 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

Tgt Ion:202 Resp: 14710
Ion Ratio Lower Upper
202 100
101 14.8 11.6 17.4
100 11.7 9.2 13.8

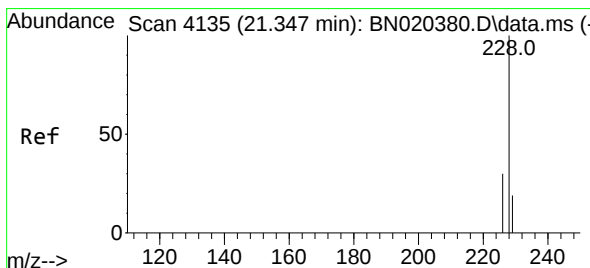
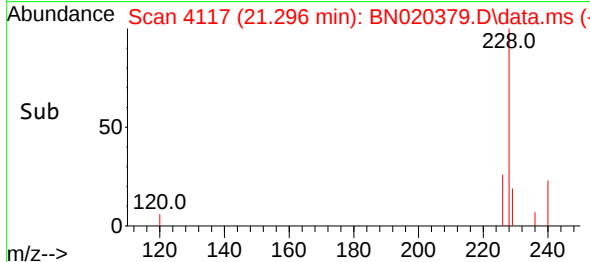
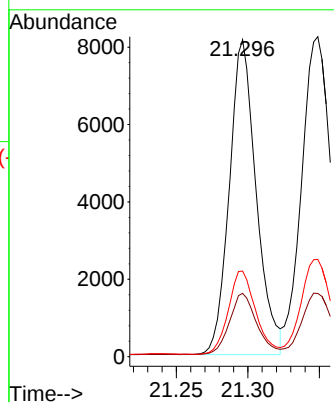
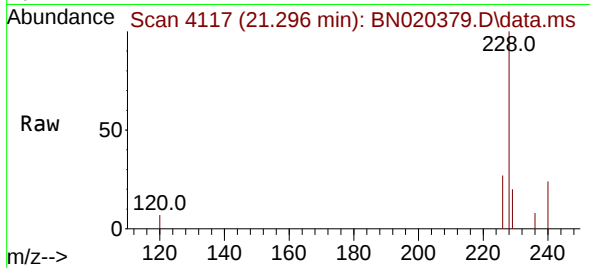




#21
Benzo(a)anthracene
Concen: 0.202 ng/ul
RT: 21.296 min Scan# 4117
Delta R.T. 0.002 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

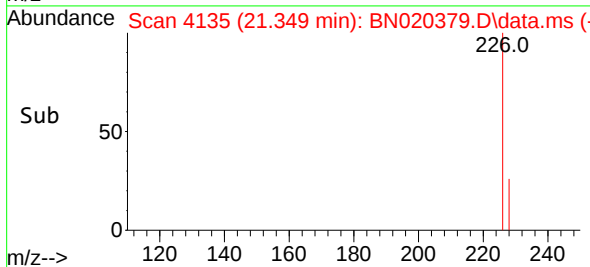
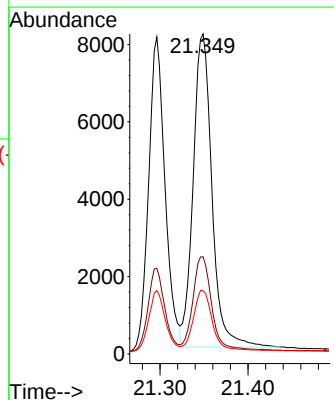
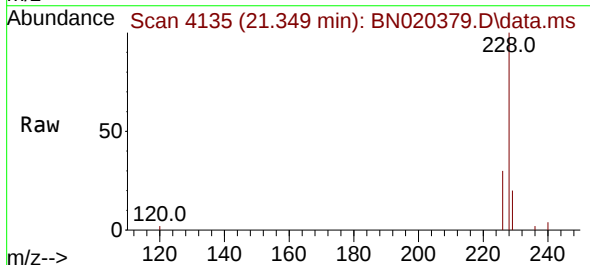
Instrument :
BNA_N
ClientSampleId :
SSTD0.2210

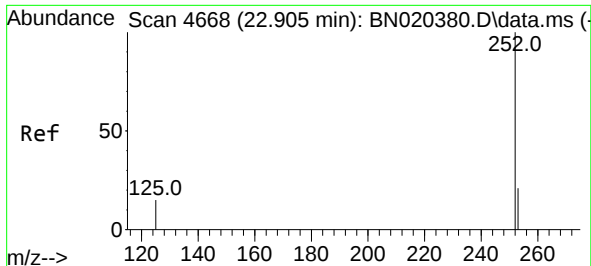
Tgt Ion:228 Resp: 10639
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 27.0 22.2 33.2



#22
Chrysene
Concen: 0.184 ng/ul
RT: 21.349 min Scan# 4135
Delta R.T. 0.002 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

Tgt Ion:228 Resp: 12041
Ion Ratio Lower Upper
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226 30.4 23.9 35.9
229 19.7 15.8 23.8

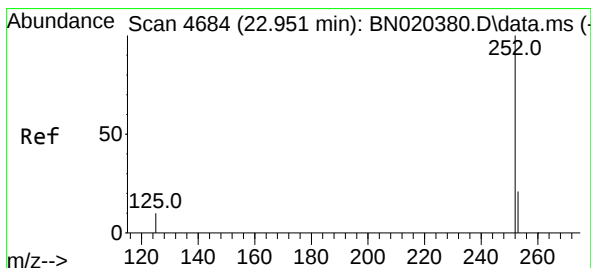
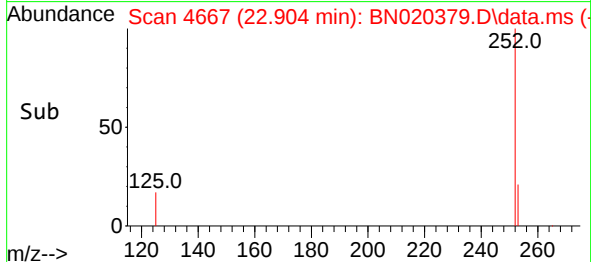
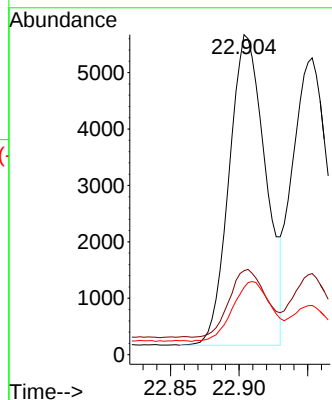
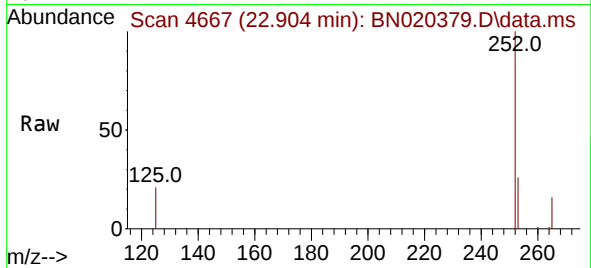




#24
Benzo(b)fluoranthene
Concen: 0.142 ng/ul
RT: 22.904 min Scan# 4667
Delta R.T. -0.001 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

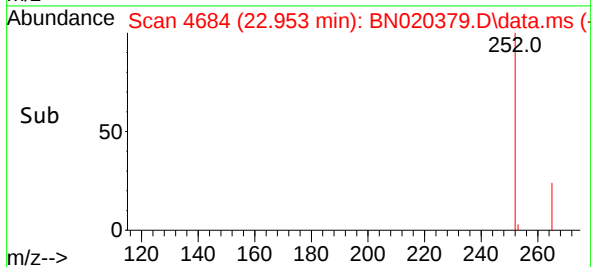
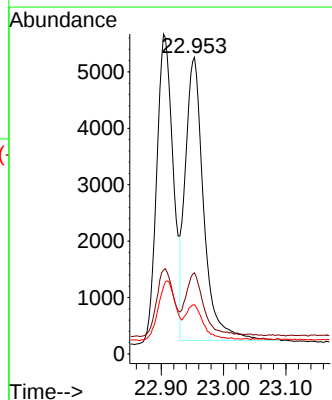
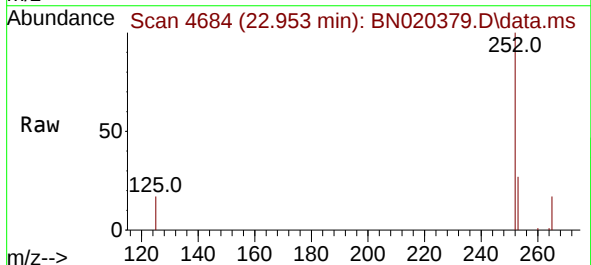
Instrument :
BNA_N
ClientSampleId :
SSTD0.2210

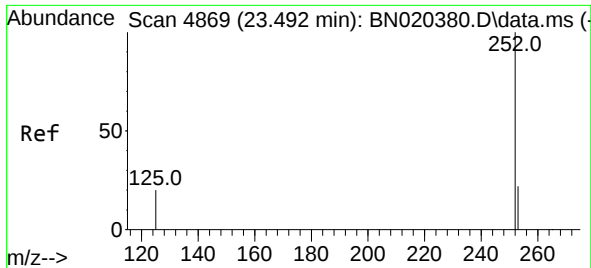
Tgt Ion:252 Resp: 10171
Ion Ratio Lower Upper
252 100
253 26.3 0.0 48.6
125 21.0 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.153 ng/ul
RT: 22.953 min Scan# 4684
Delta R.T. 0.002 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

Tgt Ion:252 Resp: 10239
Ion Ratio Lower Upper
252 100
253 27.3 19.7 29.5
125 16.6 12.0 18.0

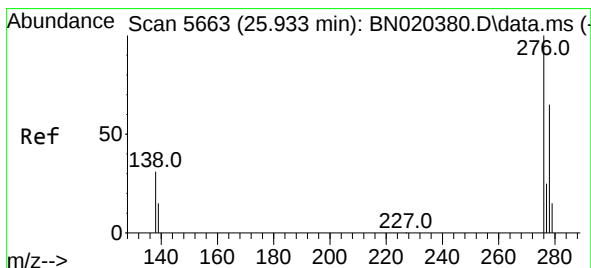
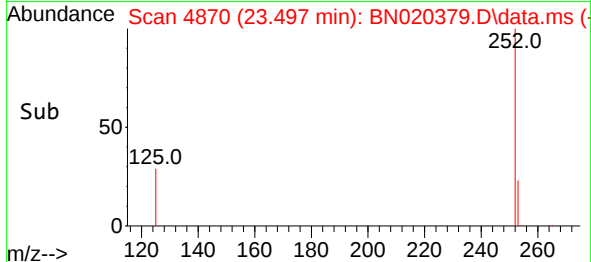
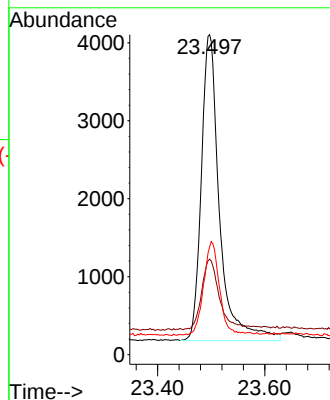
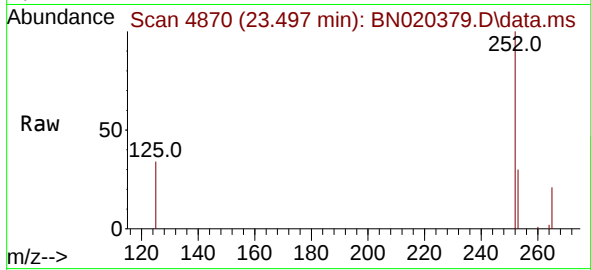




#26
Benzo(a)pyrene
Concen: 0.203 ng/ul
RT: 23.497 min Scan# 4869
Delta R.T. 0.005 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

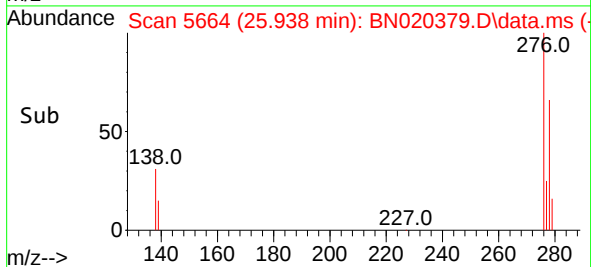
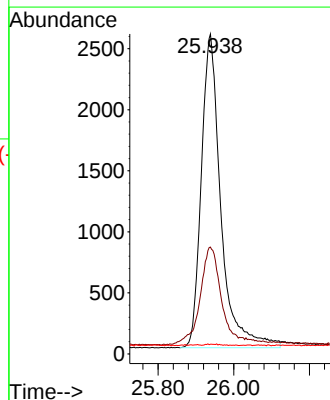
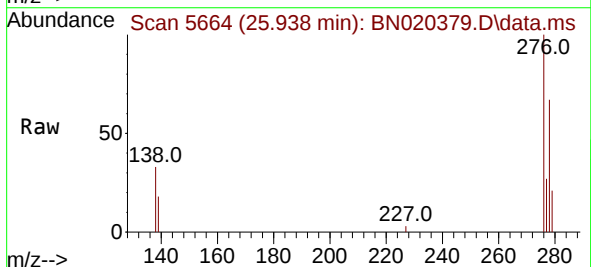
Instrument :
BNA_N
ClientSampleId :
SSTD0.2210

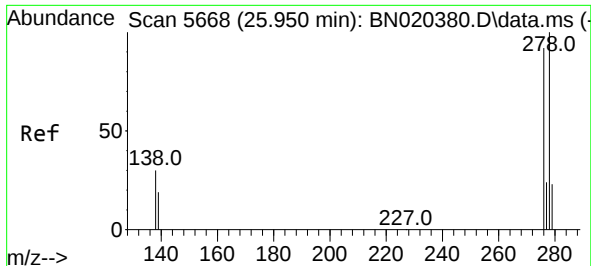
Tgt Ion:252 Resp: 9254
Ion Ratio Lower Upper
252 100
253 29.8 21.0 31.4
125 33.7 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.124 ng/ul
RT: 25.938 min Scan# 5664
Delta R.T. 0.005 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

Tgt Ion:276 Resp: 9215
Ion Ratio Lower Upper
276 100
138 35.3 27.4 41.2
227 0.2 0.2 0.2#

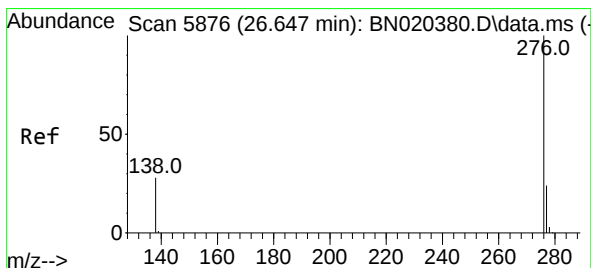
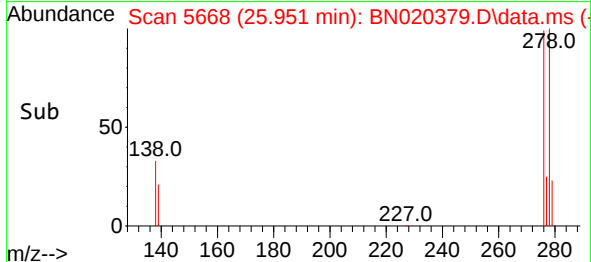
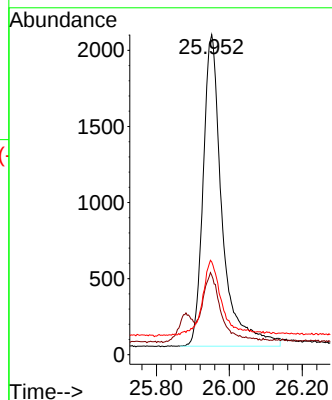
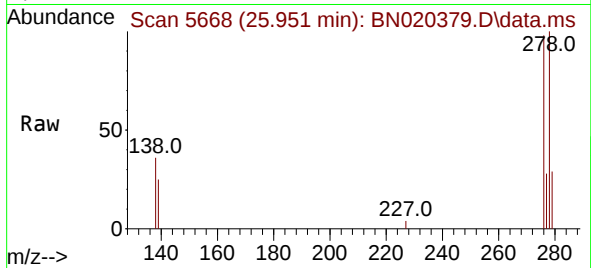




#28
Dibenzo(a,h)anthracene
Concen: 0.125 ng/ul
RT: 25.951 min Scan# 5668
Delta R.T. 0.002 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.2210

Tgt Ion:278 Resp: 7413
Ion Ratio Lower Upper
278 100
139 24.8 18.8 28.2
279 29.0 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.122 ng/ul
RT: 26.649 min Scan# 5876
Delta R.T. 0.002 min
Lab File: BN020379.D
Acq: 23 Jun 2022 19:48

Tgt Ion:276 Resp: 7948
Ion Ratio Lower Upper
276 100
138 30.5 23.5 35.3
277 25.7 20.1 30.1

