

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020442.D
 Acq On : 25 Jun 2022 19:17
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

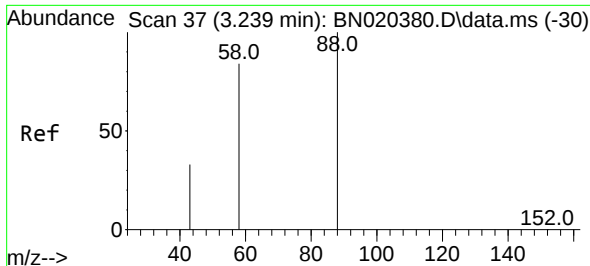
Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 27 03:43:06 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	7.750	152	2447	0.400	ng/ul	0.00
4) Naphthalene-d8	10.535	136	8300	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.377	164	5422	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	12069	0.400	ng/ul	0.00
17) Chrysene-d12	21.306	240	10969	0.400	ng/ul	0.00
23) Perylene-d12	23.589	264	9383	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	1141	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.130	152	5235	0.384	ng/ul	0.00
18) Fluoranthene-d10	19.151	212	13081	0.362	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	1077	0.372	ng/ul	96
5) Naphthalene	10.584	128	8793	0.343	ng/ul	99
7) 2-Methylnaphthalene	12.201	142	5871	0.342	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	6317	0.389	ng/ul	100
10) Acenaphthylene	14.099	152	8861	0.345	ng/ul	100
11) Acenaphthene	14.442	153	6993	0.340	ng/ul	100
12) Fluorene	15.427	166	8204	0.336	ng/ul	99
14) Pentachlorophenol	16.786	266	640	0.263	ng/ul	98
15) Phenanthrene	17.162	178	14129	0.337	ng/ul	100
16) Anthracene	17.255	178	12204	0.337	ng/ul	99
19) Fluoranthene	19.179	202	15917	0.318	ng/ul	100
20) Pyrene	19.541	202	16488	0.317	ng/ul	99
21) Benzo(a)anthracene	21.292	228	13139	0.333	ng/ul	99
22) Chrysene	21.344	228	14968	0.341	ng/ul	99
24) Benzo(b)fluoranthene	22.899	252	14153	0.326	ng/ul	99
25) Benzo(k)fluoranthene	22.943	252	14382	0.328	ng/ul	99
26) Benzo(a)pyrene	23.490	252	13286	0.337	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.923	276	13837	0.352	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.940	278	11221	0.354	ng/ul	98
29) Benzo(g,h,i)perylene	26.634	276	11997	0.356	ng/ul	99

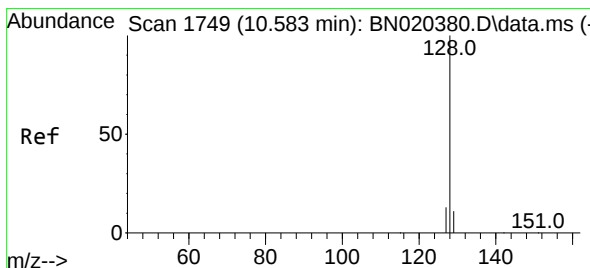
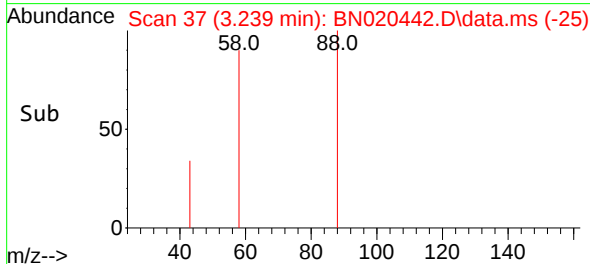
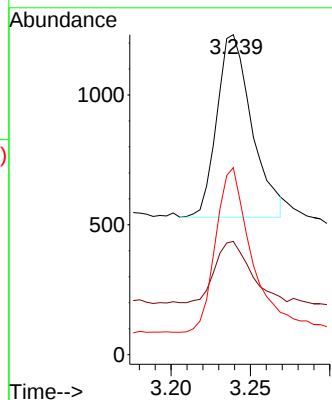
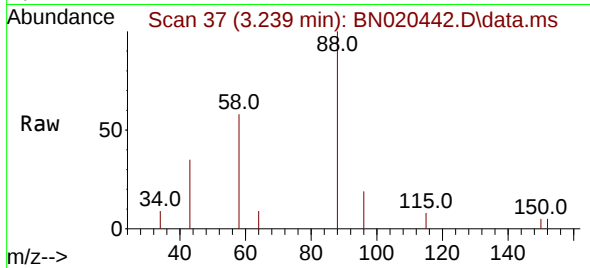
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 1,4-Dioxane
 Concen: 0.372 ng/ul
 RT: 3.239 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN020442.D
 Acq: 25 Jun 2022 19:17

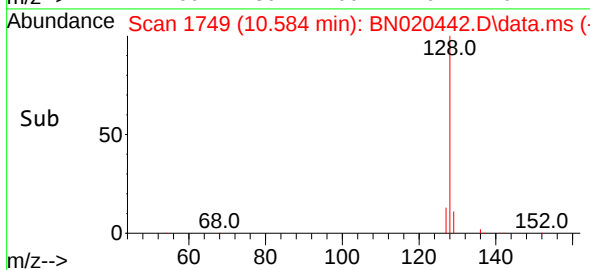
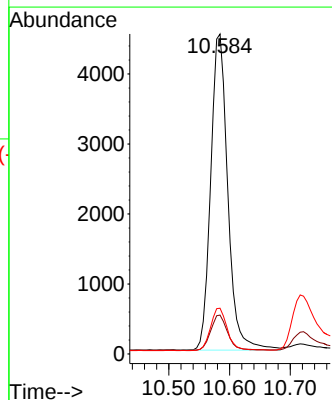
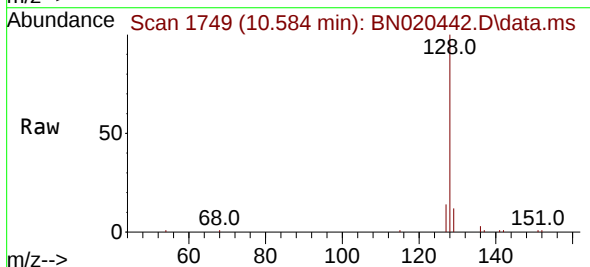
Instrument :
 BNA_N
 ClientSampleId :

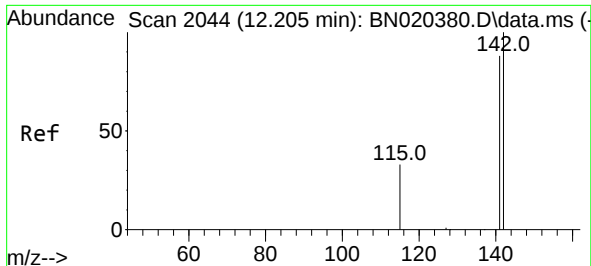
Tgt Ion: 88 Resp: 1077
 Ion Ratio Lower Upper
 88 100
 43 35.4 32.5 48.7
 58 58.4 46.2 69.2



#5
 Naphthalene
 Concen: 0.343 ng/ul
 RT: 10.584 min Scan# 1749
 Delta R.T. 0.001 min
 Lab File: BN020442.D
 Acq: 25 Jun 2022 19:17

Tgt Ion: 128 Resp: 8793
 Ion Ratio Lower Upper
 128 100
 129 12.2 9.5 14.3
 127 14.3 11.3 16.9

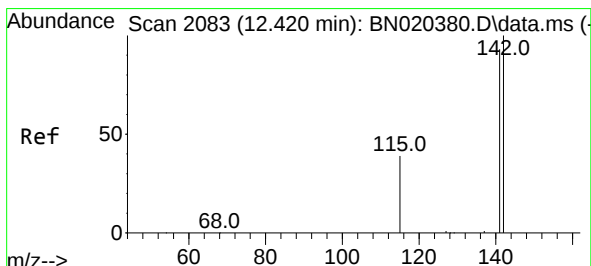
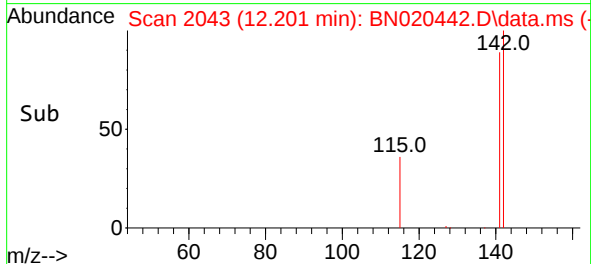
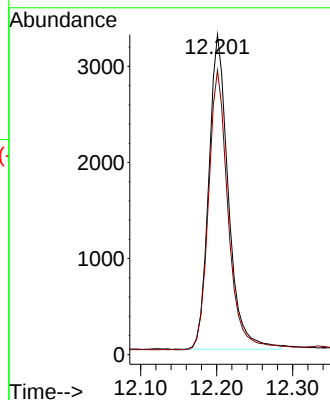
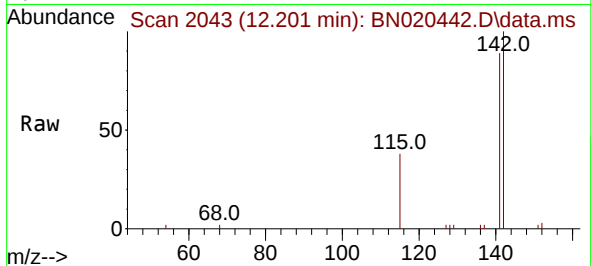




#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.201 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

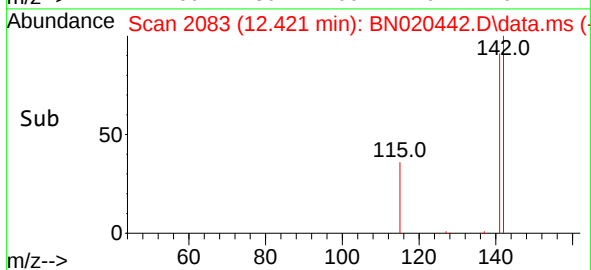
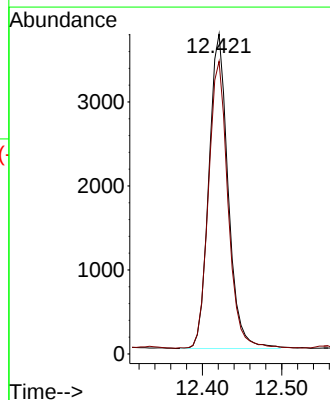
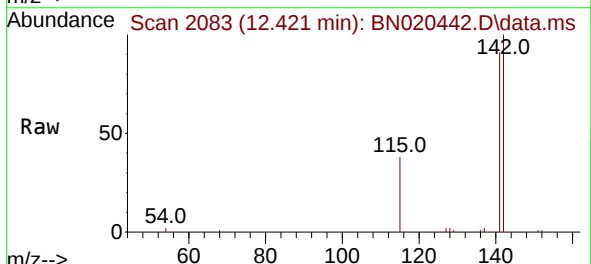
Instrument :
BNA_N
ClientSampleId :

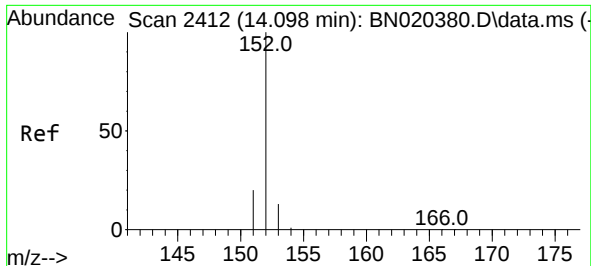
Tgt Ion:142 Resp: 5871
Ion Ratio Lower Upper
142 100
141 89.2 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.421 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

Tgt Ion:142 Resp: 6317
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5

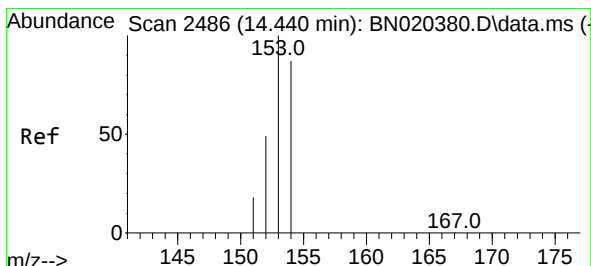
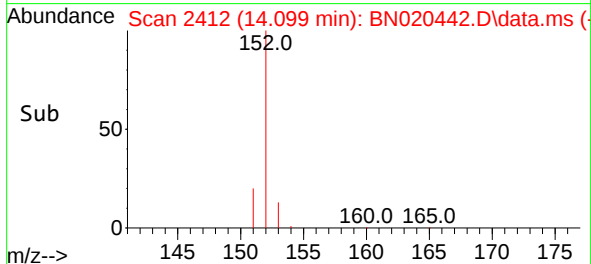
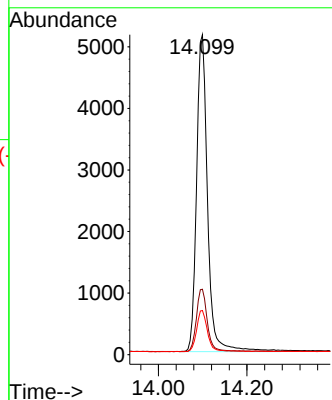
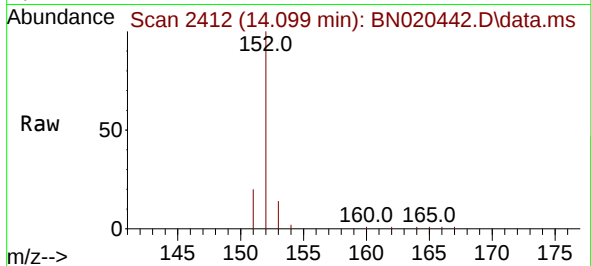




#10
Acenaphthylene
Concen: 0.345 ng/ul
RT: 14.099 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

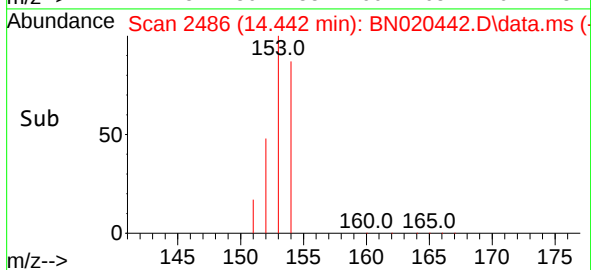
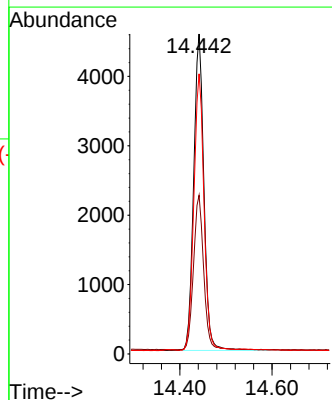
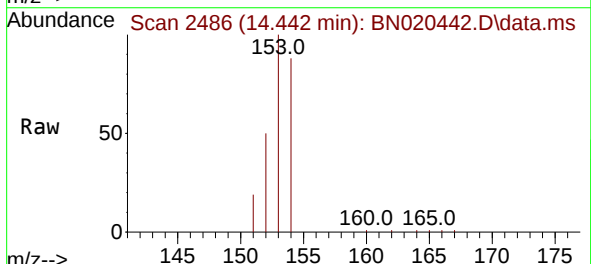
Instrument :
BNA_N
ClientSampleId :

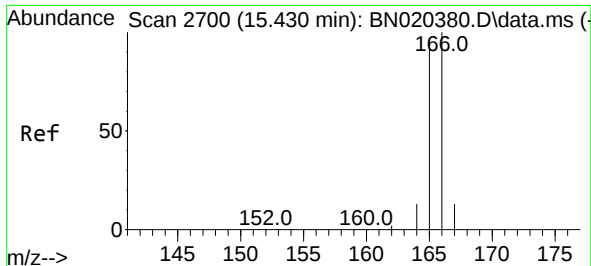
Tgt Ion:152 Resp: 8861
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.442 min Scan# 2486
Delta R.T. 0.001 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

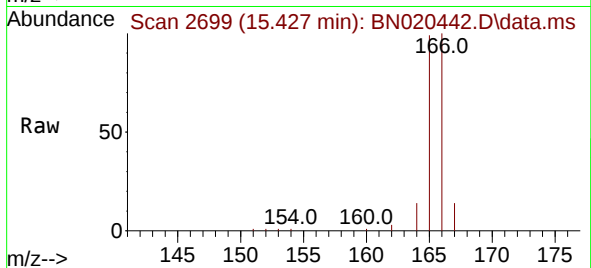
Tgt Ion:153 Resp: 6993
Ion Ratio Lower Upper
153 100
152 49.6 40.0 60.0
154 87.6 70.0 105.0



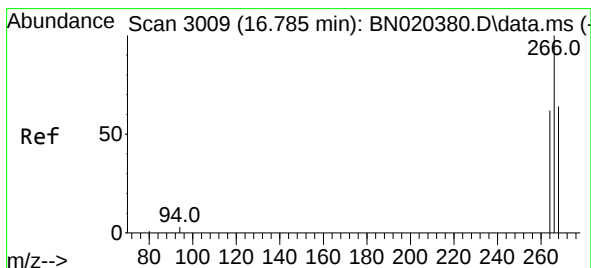
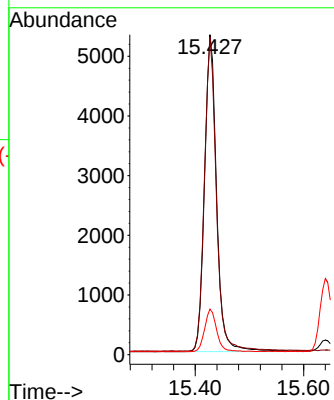
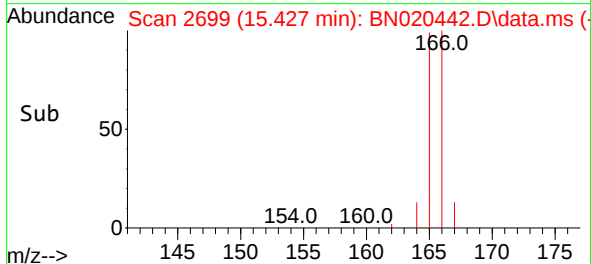


#12
Fluorene
Concen: 0.336 ng/ul
RT: 15.427 min Scan# 2699
Delta R.T. -0.003 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

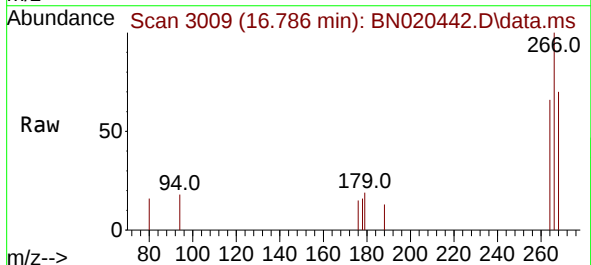
Instrument :
BNA_N
ClientSampleId :



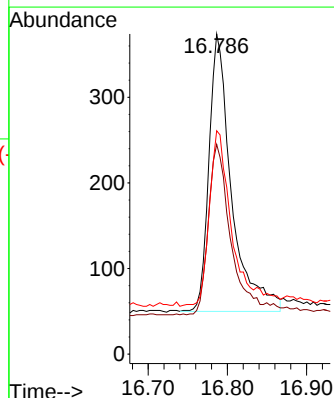
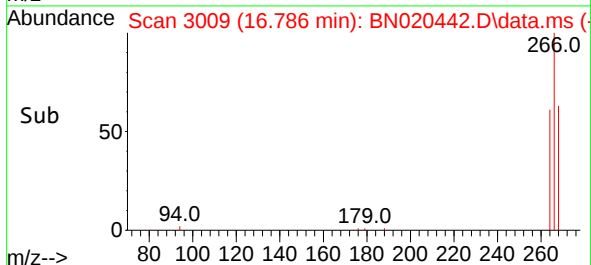
Tgt Ion:166 Resp: 8204
Ion Ratio Lower Upper
166 100
165 99.3 78.2 117.2
167 14.2 11.3 16.9

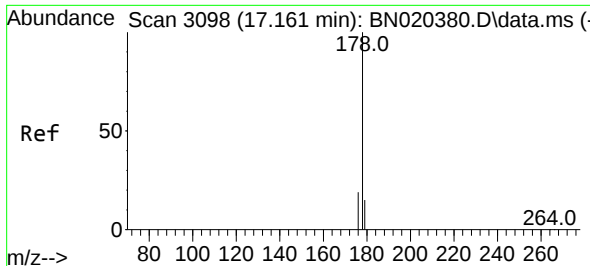


#14
Pentachlorophenol
Concen: 0.263 ng/ul
RT: 16.786 min Scan# 3009
Delta R.T. 0.001 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17



Tgt Ion:266 Resp: 640
Ion Ratio Lower Upper
266 100
264 62.3 51.6 77.4
268 62.8 51.5 77.3

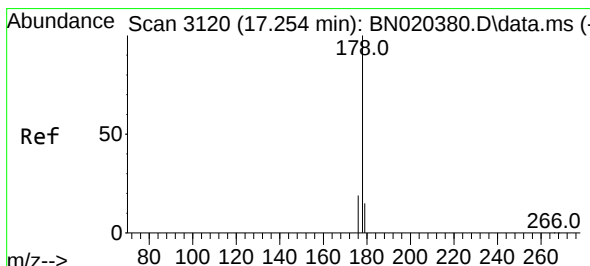
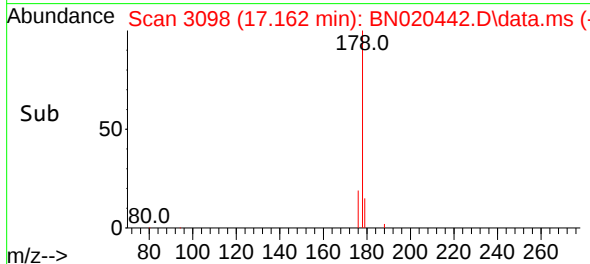
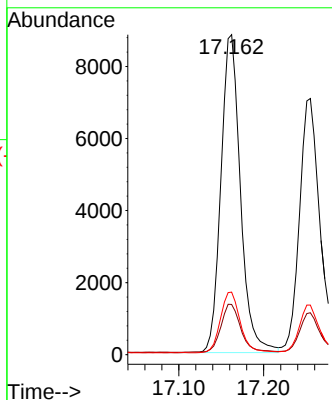
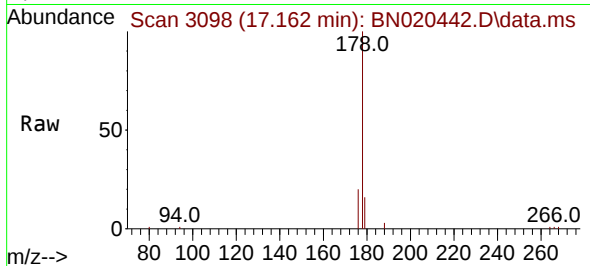




#15
Phenanthrene
Concen: 0.337 ng/ul
RT: 17.162 min Scan# 3098
Delta R.T. 0.001 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

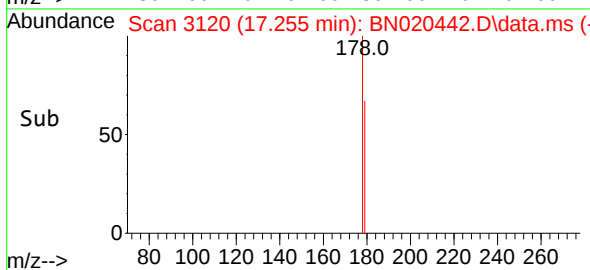
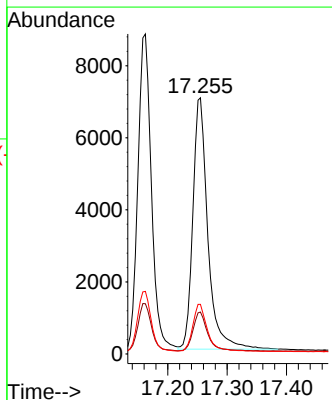
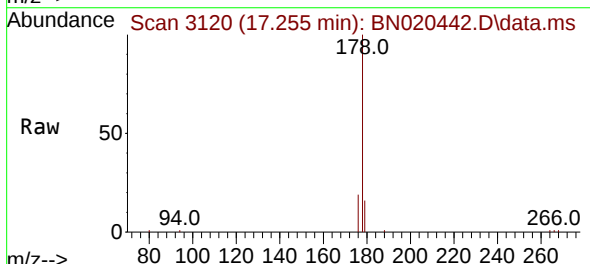
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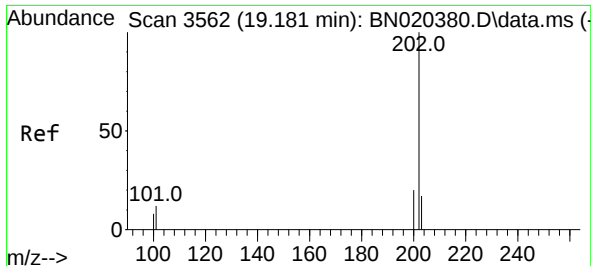
Tgt Ion:178 Resp: 14129
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.5 15.8 23.6



#16
Anthracene
Concen: 0.337 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

Tgt Ion:178 Resp: 12204
Ion Ratio Lower Upper
178 100
179 16.4 12.8 19.2
176 19.4 15.2 22.8

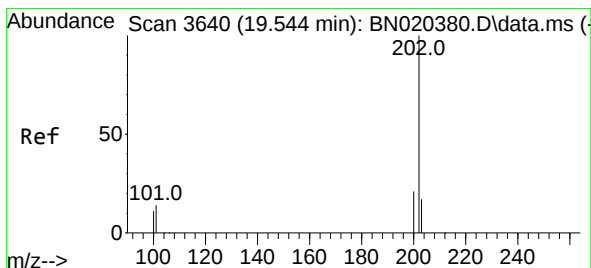
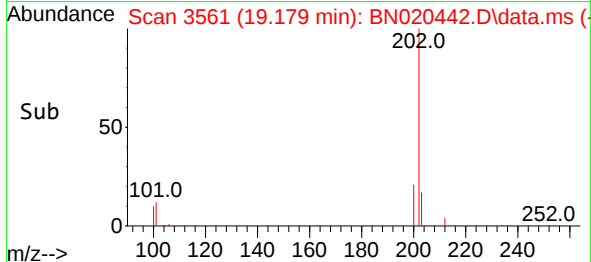
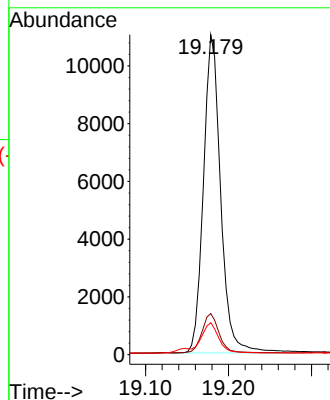
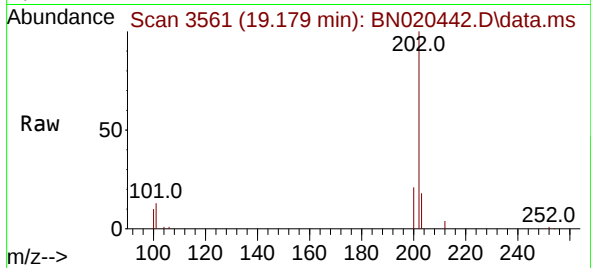




#19
Fluoranthene
Concen: 0.318 ng/ul
RT: 19.179 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

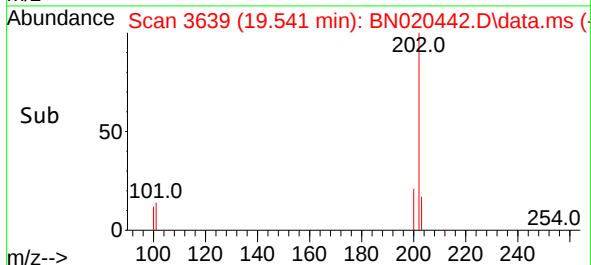
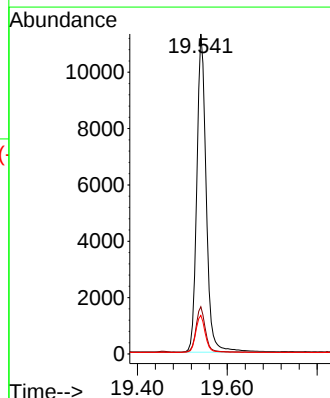
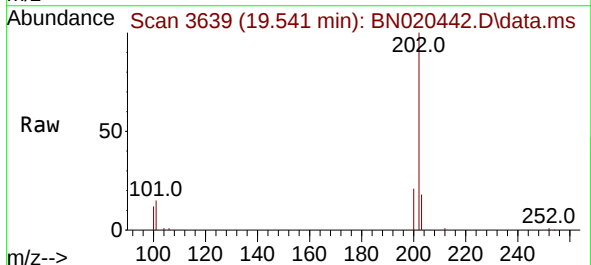
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BNA_N
ClientSampleId :

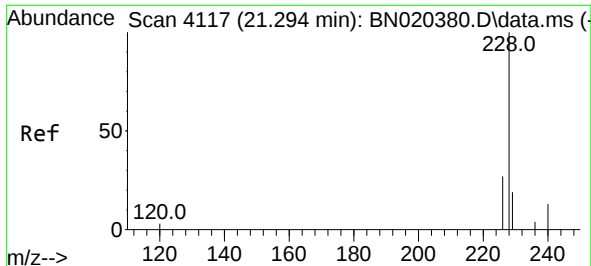
Tgt Ion:202 Resp: 15917
Ion Ratio Lower Upper
202 100
101 12.8 10.3 15.5
100 10.0 7.8 11.6



#20
Pyrene
Concen: 0.317 ng/ul
RT: 19.541 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

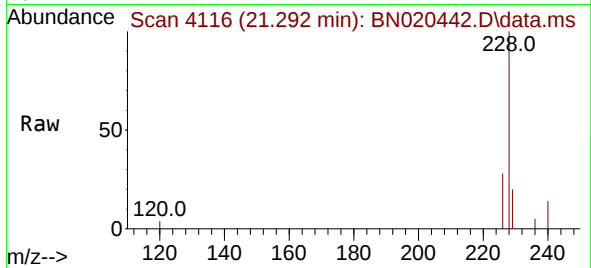
Tgt Ion:202 Resp: 16488
Ion Ratio Lower Upper
202 100
101 14.7 11.6 17.4
100 12.1 9.2 13.8



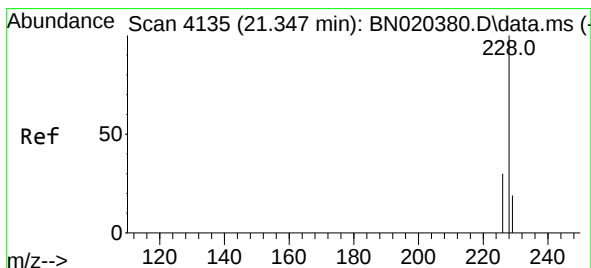
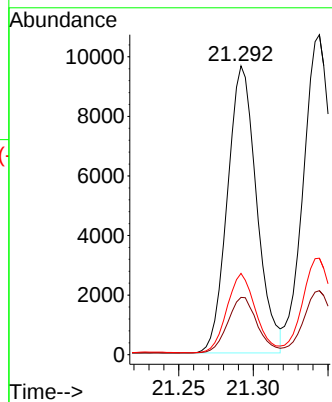
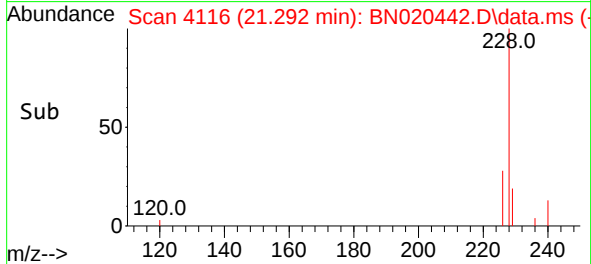


#21
Benzo(a)anthracene
Concen: 0.333 ng/ul
RT: 21.292 min Scan# 4116
Delta R.T. -0.003 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

Instrument :
BNA_N
ClientSampleId :

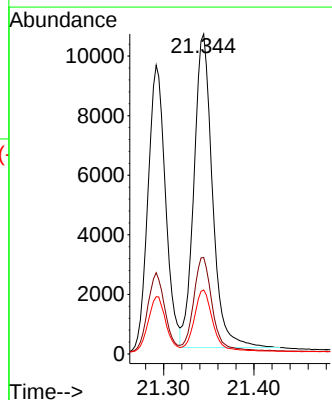
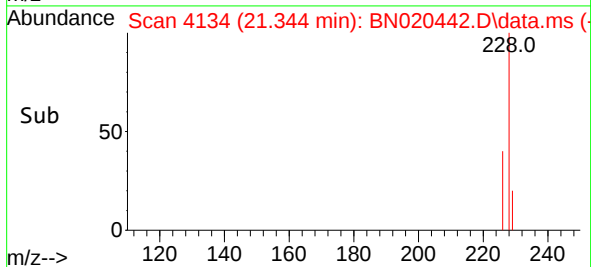
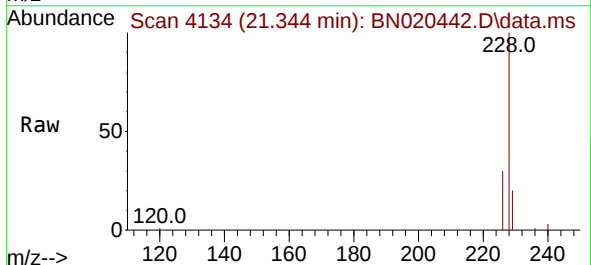


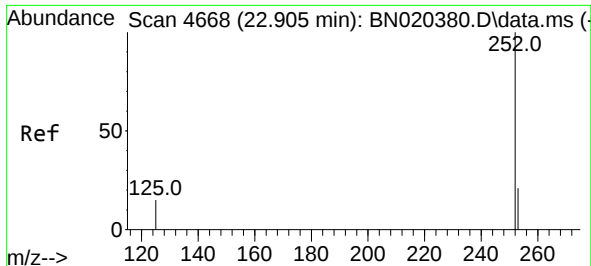
Tgt Ion:228 Resp: 13139
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 28.2 22.2 33.2



#22
Chrysene
Concen: 0.341 ng/ul
RT: 21.344 min Scan# 4134
Delta R.T. -0.003 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

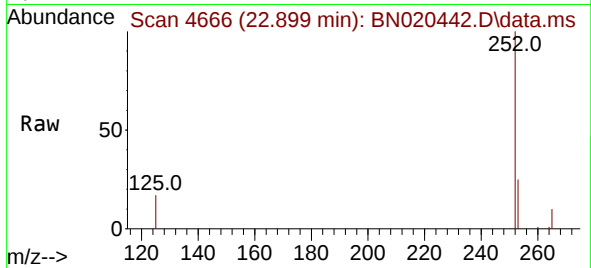
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Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 20.0 15.8 23.8



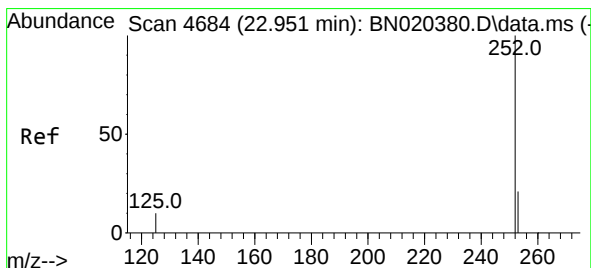
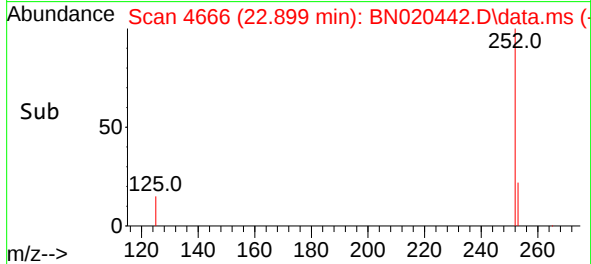
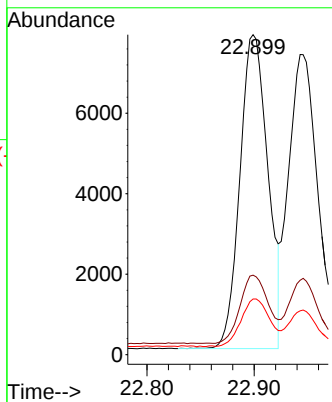


#24
Benzo(b)fluoranthene
Concen: 0.326 ng/ul
RT: 22.899 min Scan# 4666
Delta R.T. -0.006 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

Instrument :
BNA_N
ClientSampleId :

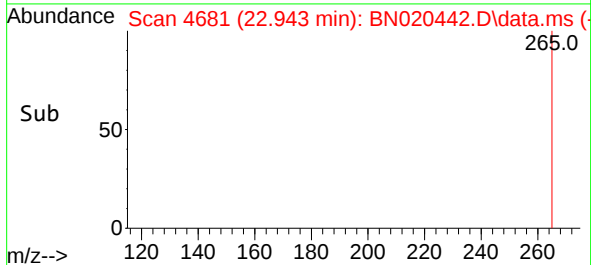
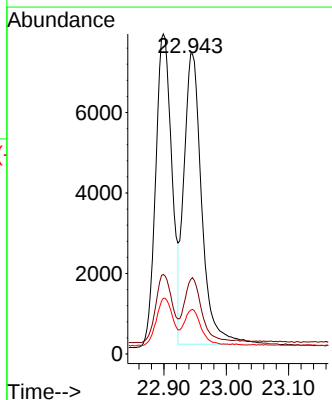
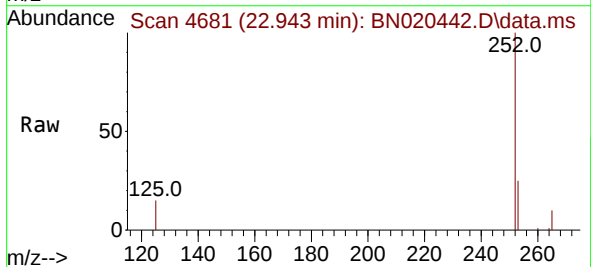


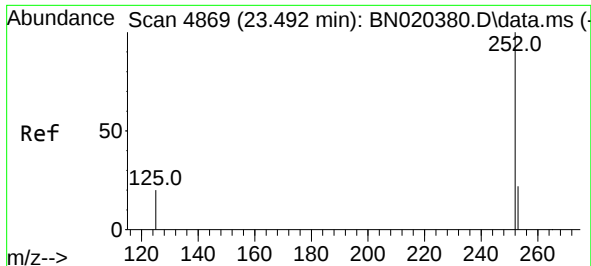
Tgt Ion:252 Resp: 14153
Ion Ratio Lower Upper
252 100
253 24.8 0.0 48.6
125 17.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.328 ng/ul
RT: 22.943 min Scan# 4681
Delta R.T. -0.009 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

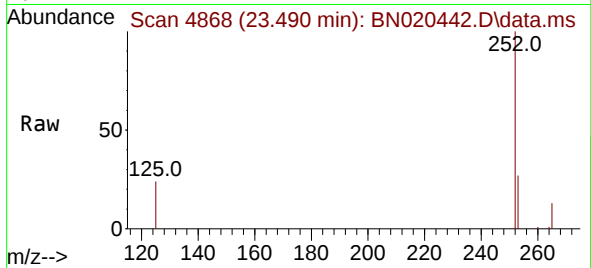
Tgt Ion:252 Resp: 14382
Ion Ratio Lower Upper
252 100
253 24.8 19.7 29.5
125 14.6 12.0 18.0



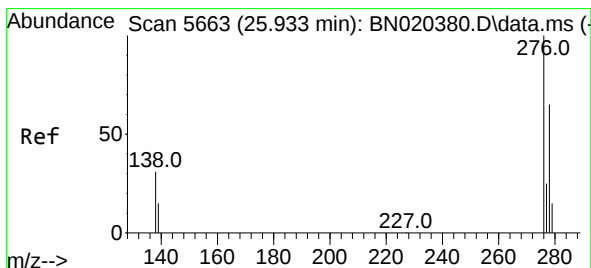
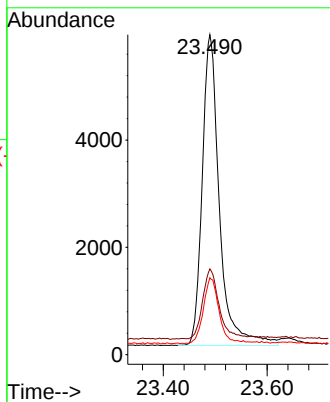
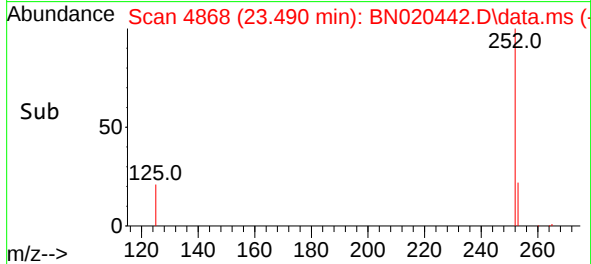


#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.490 min Scan# 4869
Delta R.T. -0.003 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

Instrument :
BNA_N
ClientSampleId :

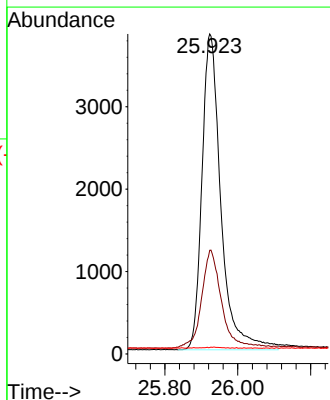
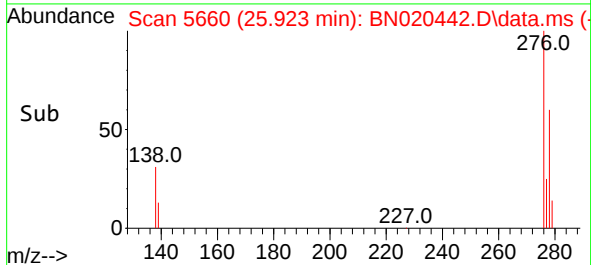
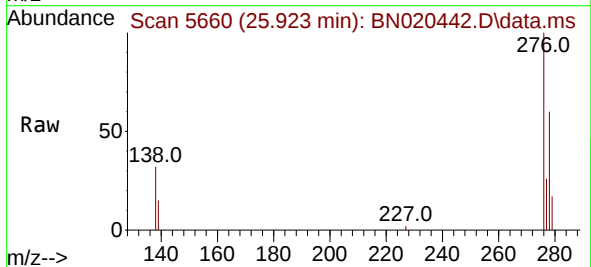


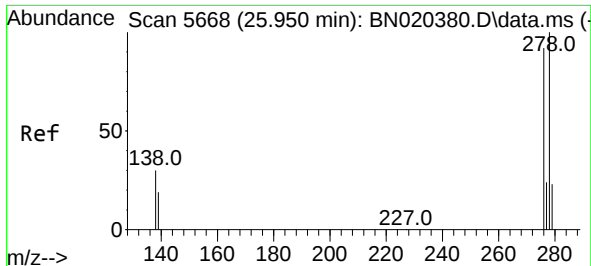
Tgt Ion:252 Resp: 13286
Ion Ratio Lower Upper
252 100
253 26.8 21.0 31.4
125 24.0 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 25.923 min Scan# 5660
Delta R.T. -0.010 min
Lab File: BN020442.D
Acq: 25 Jun 2022 19:17

Tgt Ion:276 Resp: 13837
Ion Ratio Lower Upper
276 100
138 33.1 27.4 41.2
227 0.3 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.354 ng/ul

RT: 25.940 min Scan# 5665

Delta R.T. -0.010 min

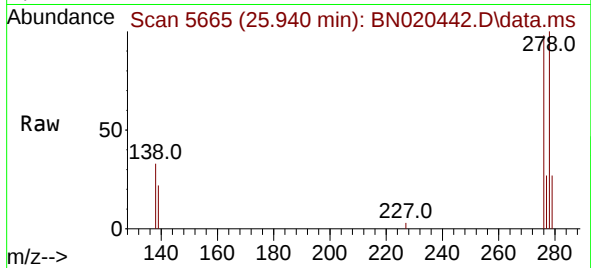
Lab File: BN020442.D

Acq: 25 Jun 2022 19:17

Instrument :

BNA_N

ClientSampleId :



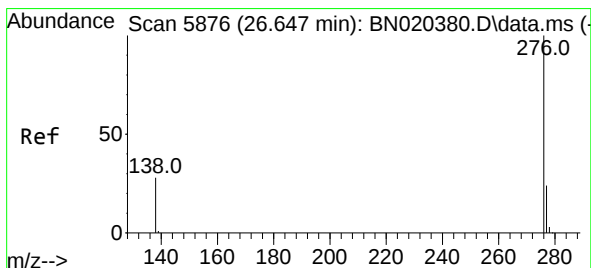
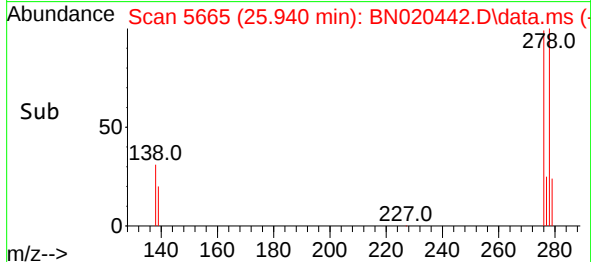
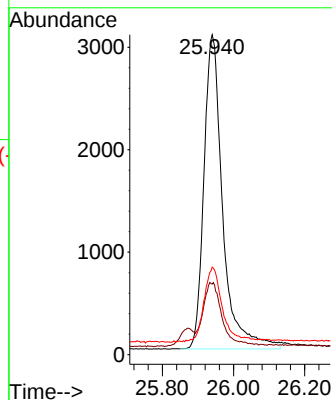
Tgt Ion:278 Resp: 11221

Ion Ratio Lower Upper

278 100

139 22.1 18.8 28.2

279 27.3 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.356 ng/ul

RT: 26.634 min Scan# 5872

Delta R.T. -0.013 min

Lab File: BN020442.D

Acq: 25 Jun 2022 19:17

Tgt Ion:276 Resp: 11997

Ion Ratio Lower Upper

276 100

138 28.5 23.5 35.3

277 25.4 20.1 30.1

