

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020440.D
 Acq On : 25 Jun 2022 18:05
 Operator : CG/JU
 Sample : PB145678BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 27 03:42:53 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)

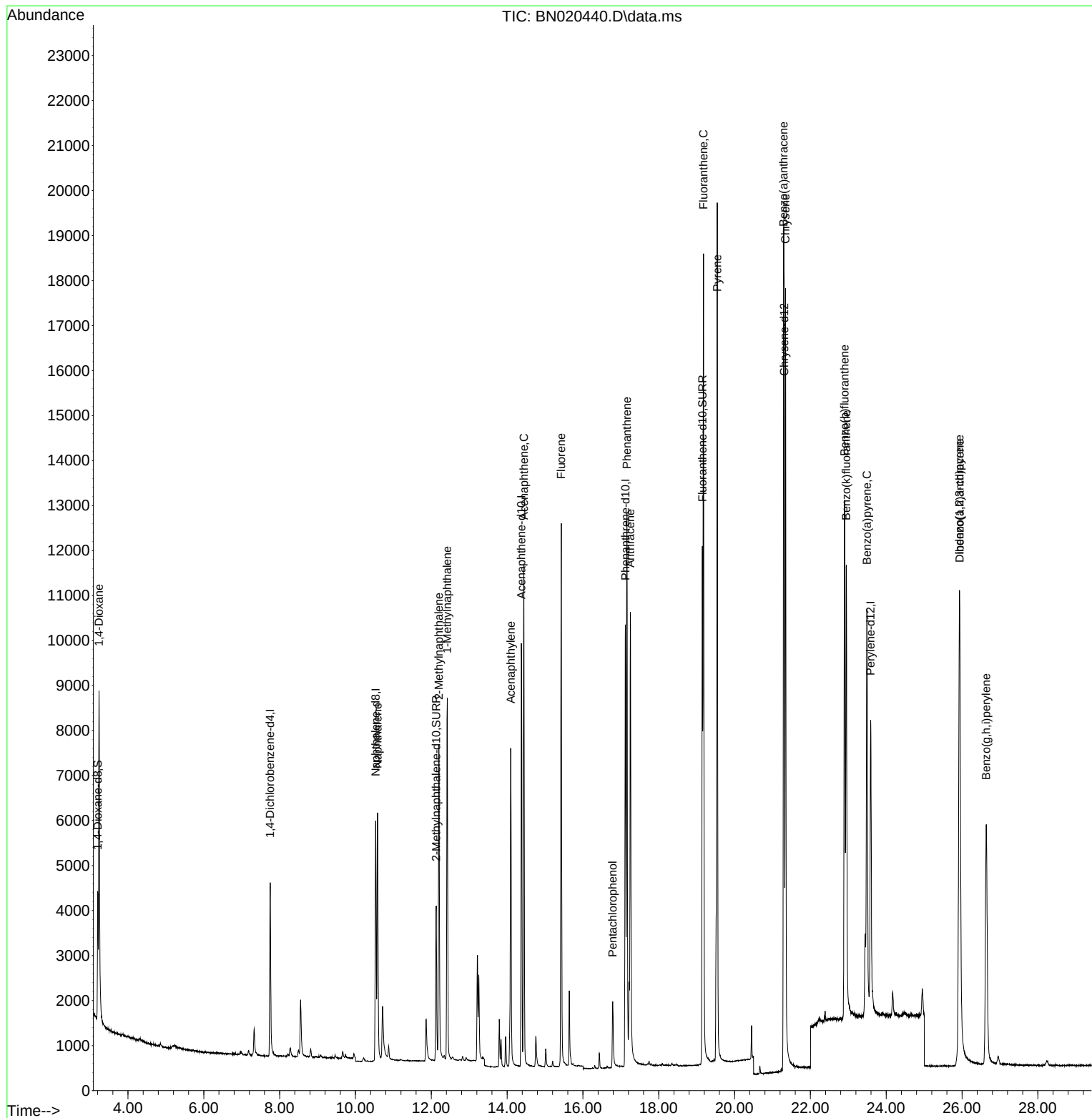
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	2378	0.400	ng/ul	0.00
4) Naphthalene-d8	10.535	136	8150	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.377	164	5433	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	12417	0.400	ng/ul	0.00
17) Chrysene-d12	21.309	240	11246	0.400	ng/ul	0.00
23) Perylene-d12	23.589	264	9383	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	2023	0.734	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.130	152	5028	0.376	ng/ul	0.00
18) Fluoranthene-d10	19.151	212	13244	0.357	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.235	88	4791	1.703	ng/ul#	84
5) Naphthalene	10.584	128	8375	0.333	ng/ul	100
7) 2-Methylnaphthalene	12.201	142	5617	0.333	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	5961	0.373	ng/ul	100
10) Acenaphthylene	14.095	152	8782	0.341	ng/ul	100
11) Acenaphthene	14.442	153	6822	0.331	ng/ul	98
12) Fluorene	15.427	166	8079	0.331	ng/ul	99
14) Pentachlorophenol	16.786	266	1302	0.520	ng/ul	99
15) Phenanthrene	17.162	178	14192	0.329	ng/ul	100
16) Anthracene	17.251	178	12473	0.335	ng/ul	99
19) Fluoranthene	19.179	202	16380	0.319	ng/ul	99
20) Pyrene	19.541	202	17199	0.323	ng/ul	99
21) Benzo(a)anthracene	21.292	228	14147	0.350	ng/ul	100
22) Chrysene	21.344	228	15915	0.354	ng/ul	99
24) Benzo(b)fluoranthene	22.902	252	14819	0.341	ng/ul	99
25) Benzo(k)fluoranthene	22.946	252	15102	0.345	ng/ul	99
26) Benzo(a)pyrene	23.490	252	13963	0.354	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.930	276	14280	0.364	ng/ul	97
28) Dibenzo(a,h)anthracene	25.940	278	11555	0.364	ng/ul	99
29) Benzo(g,h,i)perylene	26.637	276	12310	0.365	ng/ul	99

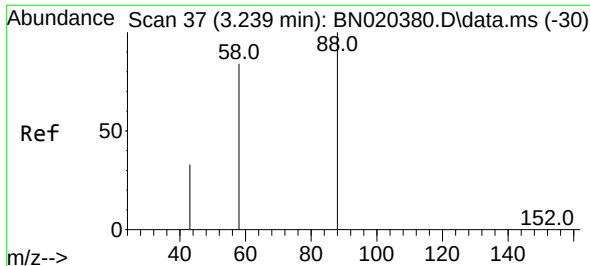
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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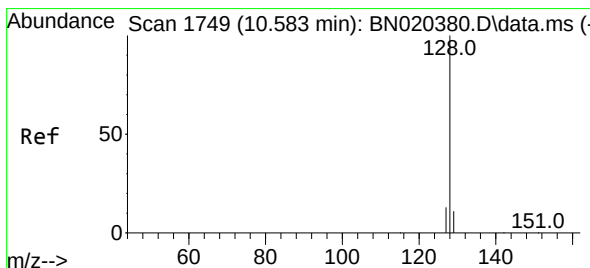
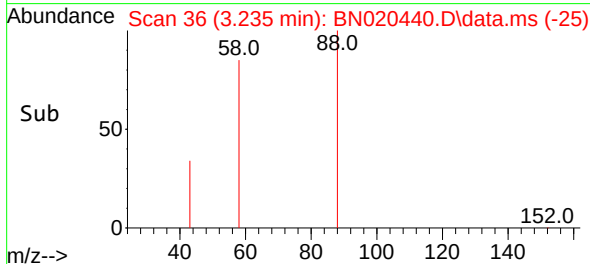
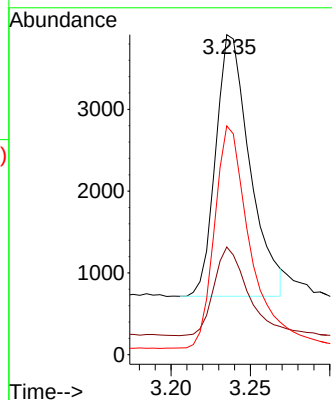
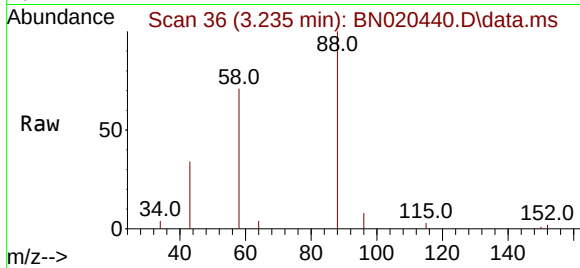




#2
1,4-Dioxane
Concen: 1.703 ng/ul
RT: 3.235 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

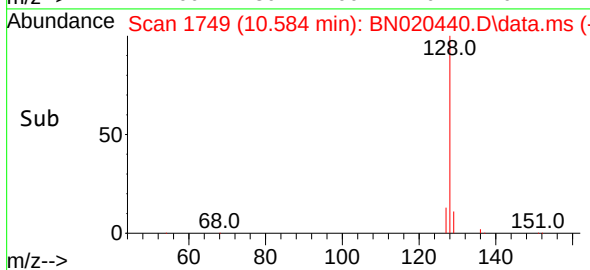
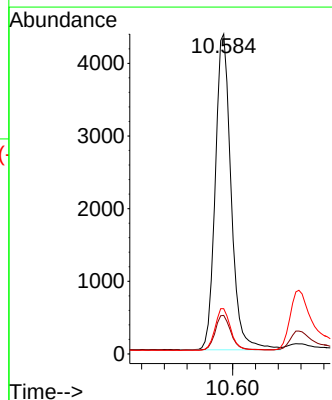
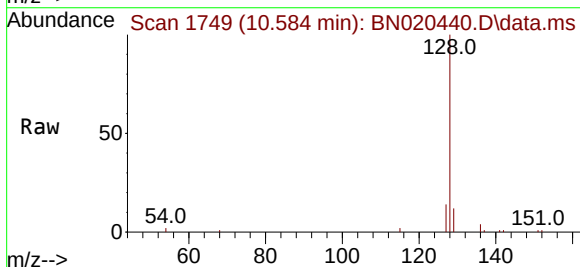
Instrument :
BNA_N
ClientSampleId :

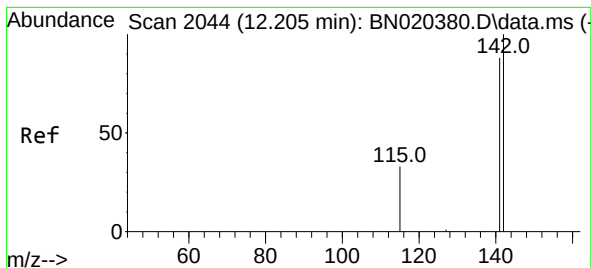
Tgt Ion: 88 Resp: 4791
Ion Ratio Lower Upper
88 100
43 33.7 32.5 48.7
58 71.5 46.2 69.2#



#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.584 min Scan# 1749
Delta R.T. 0.001 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

Tgt Ion:128 Resp: 8375
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.1 11.3 16.9





#7

2-Methylnaphthalene

Concen: 0.333 ng/ul

RT: 12.201 min Scan# 2043

Delta R.T. -0.004 min

Lab File: BN020440.D

Acq: 25 Jun 2022 18:05

Instrument :

BNA_N

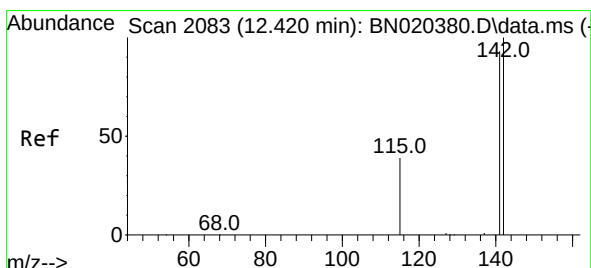
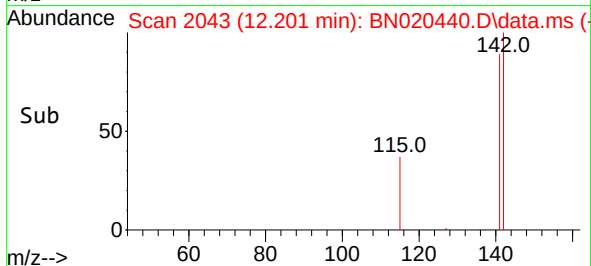
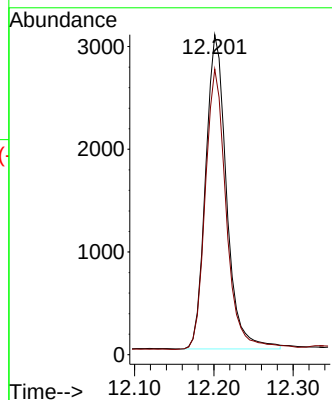
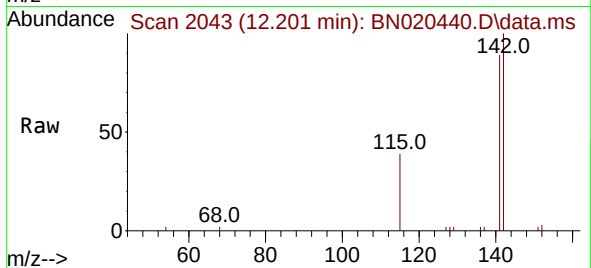
ClientSampleId :

Tgt Ion:142 Resp: 5617

Ion Ratio Lower Upper

142 100

141 89.2 72.1 108.1



#8

1-Methylnaphthalene

Concen: 0.373 ng/ul

RT: 12.421 min Scan# 2083

Delta R.T. 0.001 min

Lab File: BN020440.D

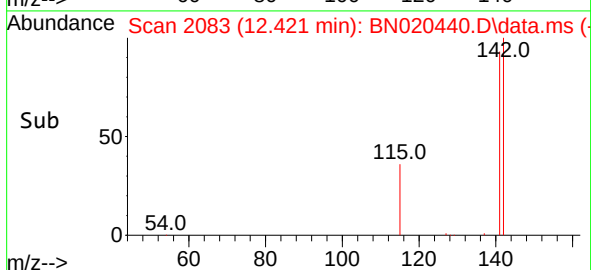
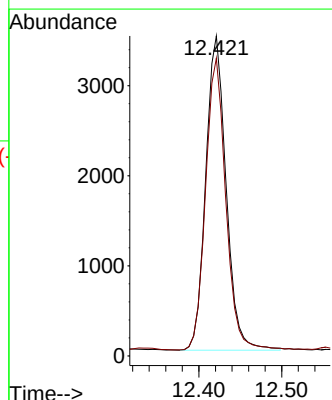
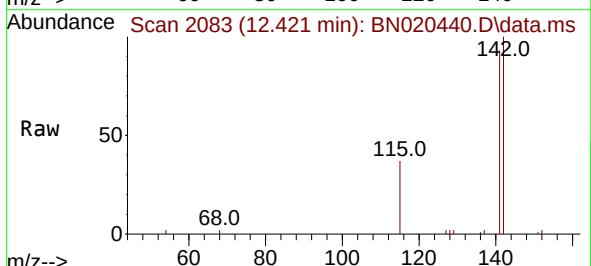
Acq: 25 Jun 2022 18:05

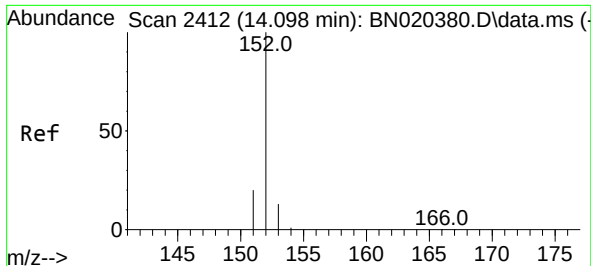
Tgt Ion:142 Resp: 5961

Ion Ratio Lower Upper

142 100

141 91.9 73.7 110.5

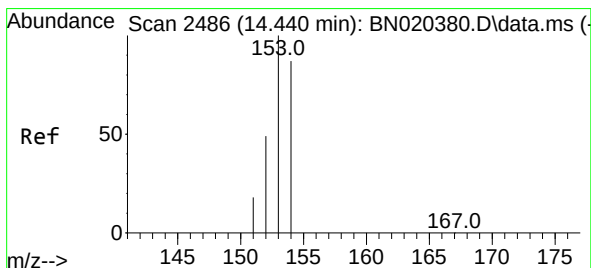
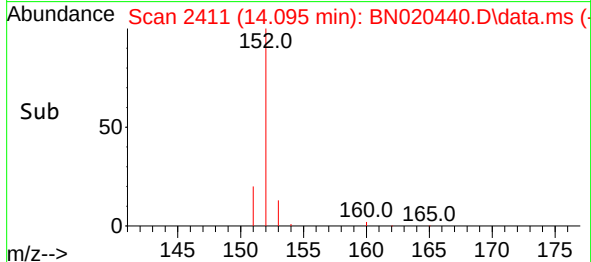
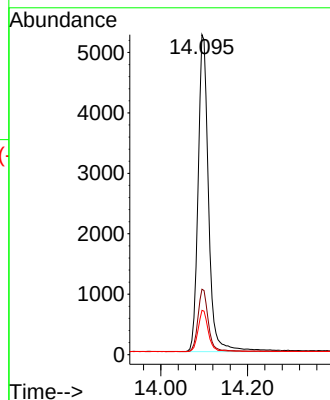
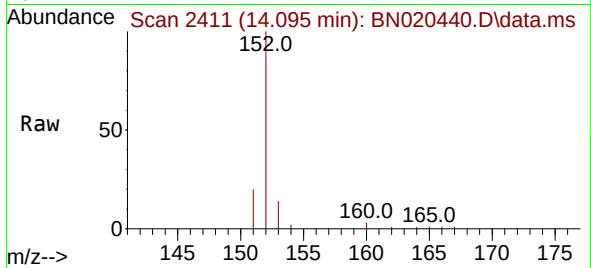




#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.095 min Scan# 2411
Delta R.T. -0.003 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

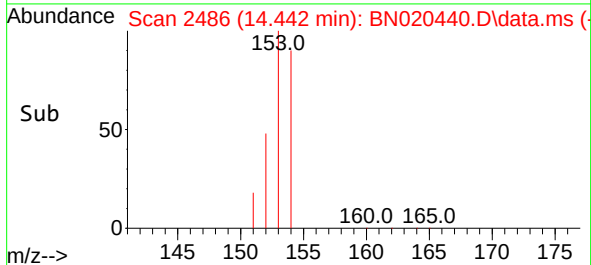
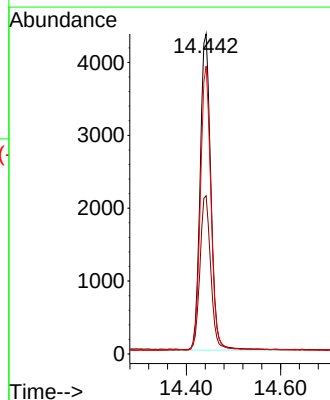
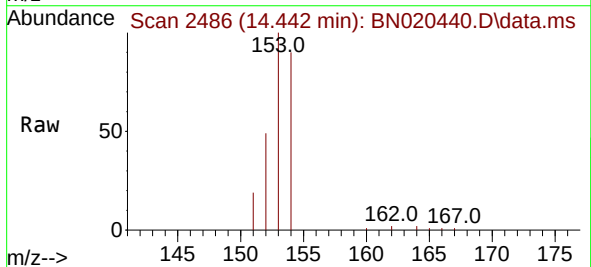
Instrument :
BNA_N
ClientSampleId :

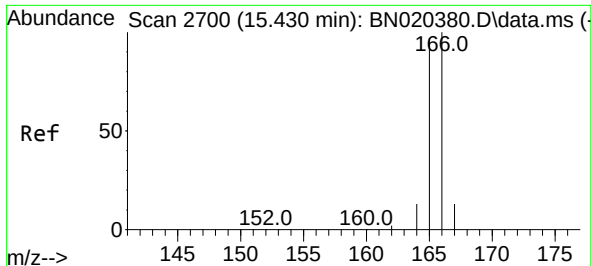
Tgt Ion:152 Resp: 8782
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.442 min Scan# 2486
Delta R.T. 0.001 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

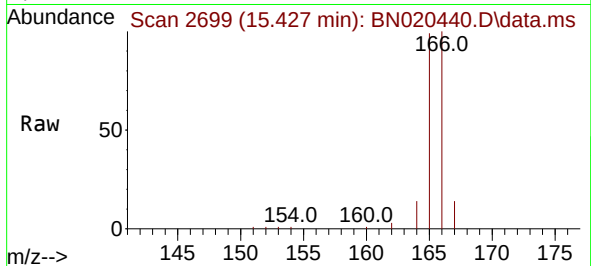
Tgt Ion:153 Resp: 6822
Ion Ratio Lower Upper
153 100
152 49.4 40.0 60.0
154 90.0 70.0 105.0



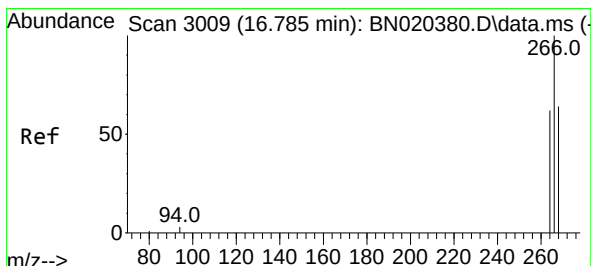
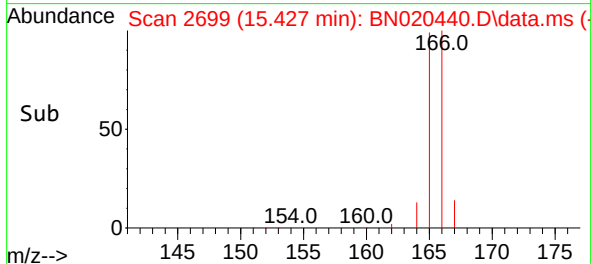
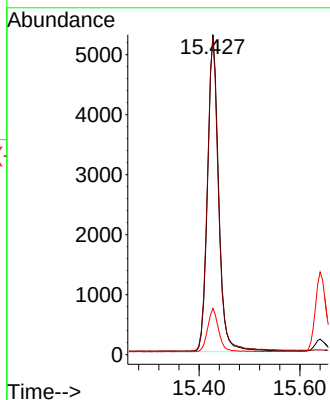


#12
Fluorene
Concen: 0.331 ng/ul
RT: 15.427 min Scan# 2699
Delta R.T. -0.003 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

Instrument :
BNA_N
ClientSampleId :

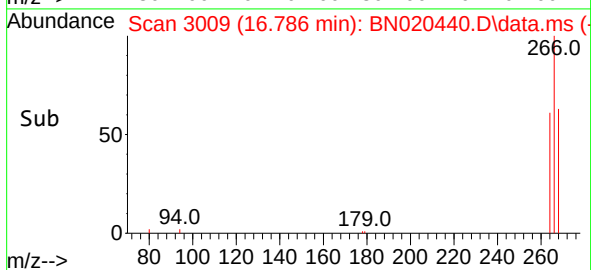
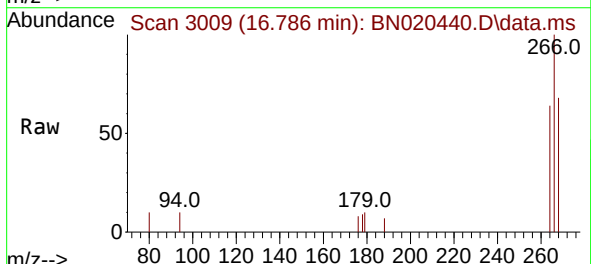
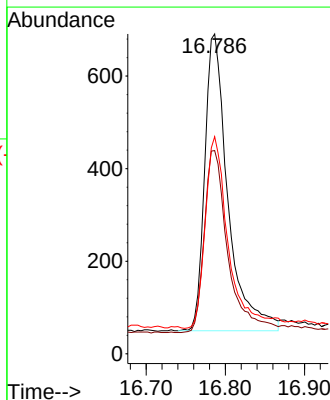


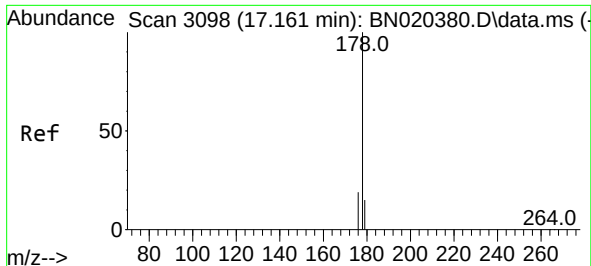
Tgt Ion:166 Resp: 8079
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.2
167 14.5 11.3 16.9



#14
Pentachlorophenol
Concen: 0.520 ng/ul
RT: 16.786 min Scan# 3009
Delta R.T. 0.001 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

Tgt Ion:266 Resp: 1302
Ion Ratio Lower Upper
266 100
264 62.9 51.6 77.4
268 64.9 51.5 77.3

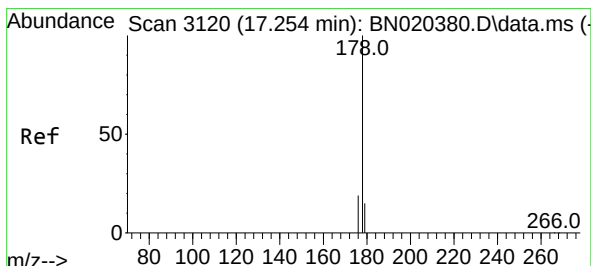
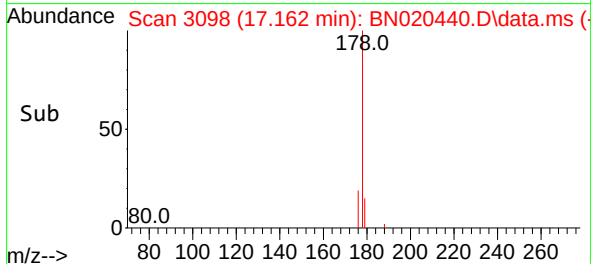
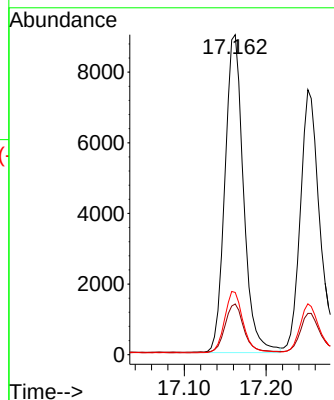
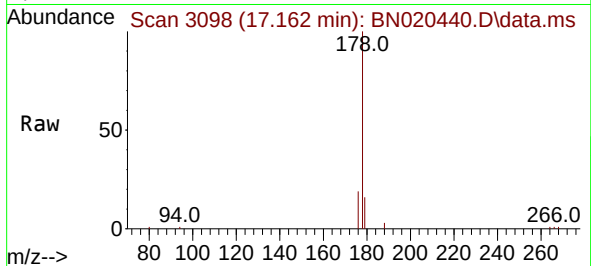




#15
Phenanthrene
Concen: 0.329 ng/ul
RT: 17.162 min Scan# 3098
Delta R.T. 0.001 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

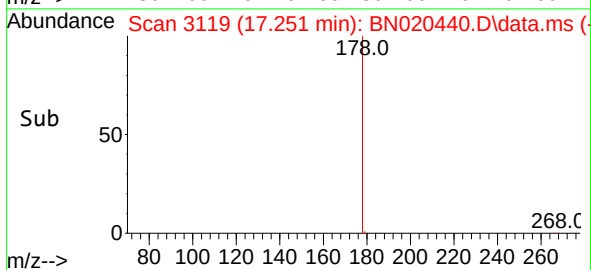
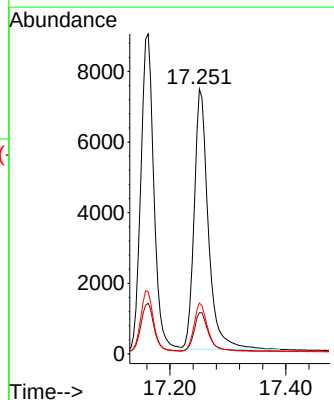
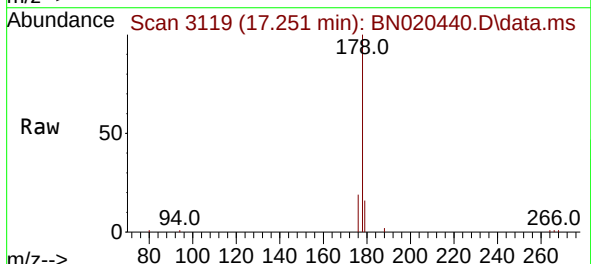
Instrument :
BNA_N
ClientSampleId :

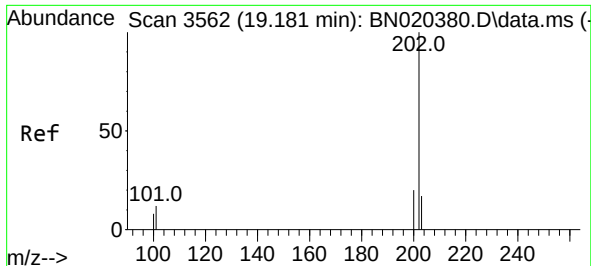
Tgt Ion:178 Resp: 14192
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.4 15.8 23.6



#16
Anthracene
Concen: 0.335 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

Tgt Ion:178 Resp: 12473
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.2 15.2 22.8

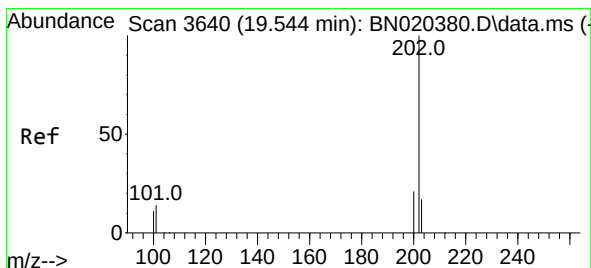
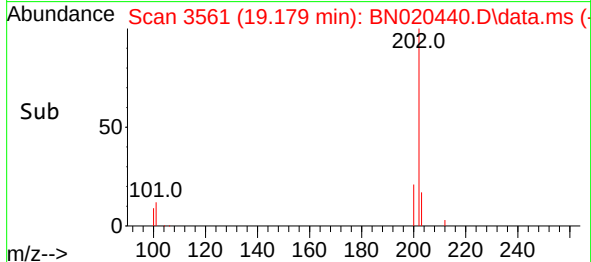
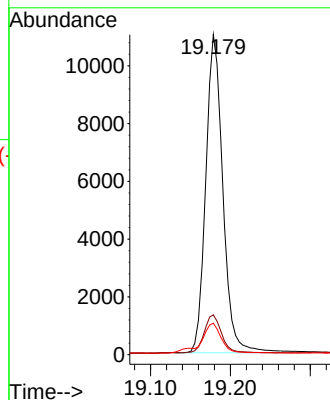
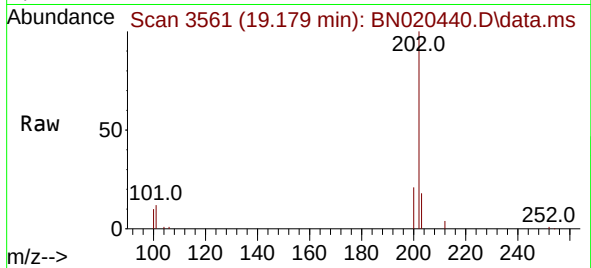




#19
Fluoranthene
Concen: 0.319 ng/ul
RT: 19.179 min Scan# 3561
Delta R.T. -0.003 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

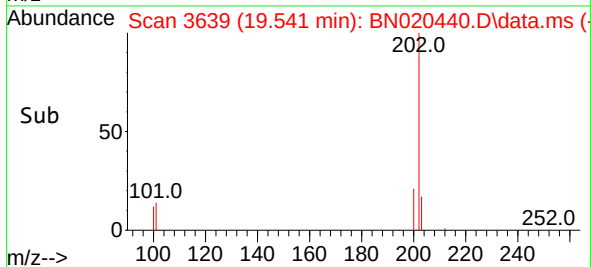
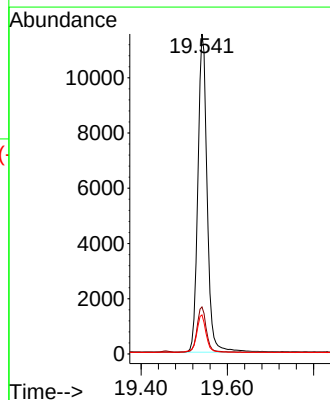
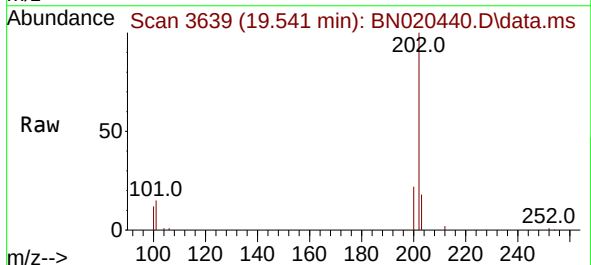
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BNA_N
ClientSampleId :

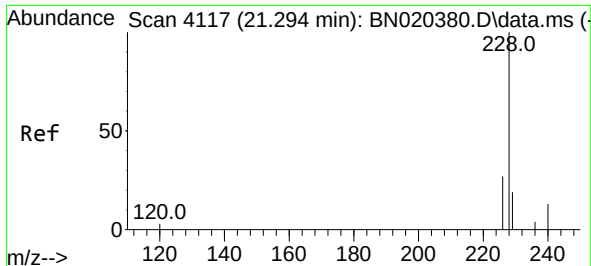
Tgt Ion:202 Resp: 16380
Ion Ratio Lower Upper
202 100
101 12.5 10.3 15.5
100 9.8 7.8 11.6



#20
Pyrene
Concen: 0.323 ng/ul
RT: 19.541 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

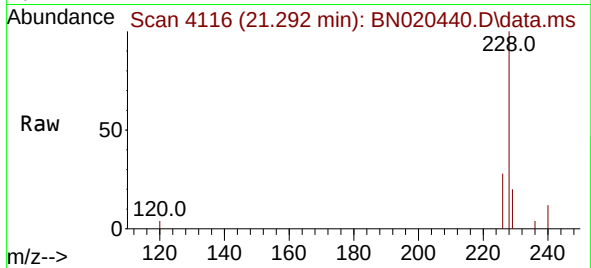
Tgt Ion:202 Resp: 17199
Ion Ratio Lower Upper
202 100
101 14.7 11.6 17.4
100 12.2 9.2 13.8



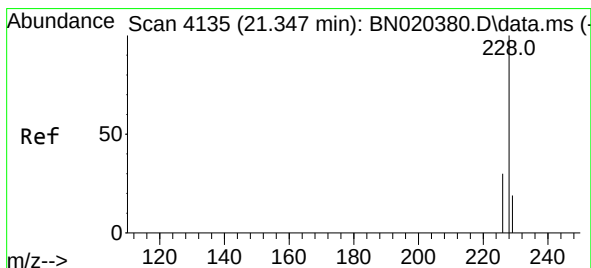
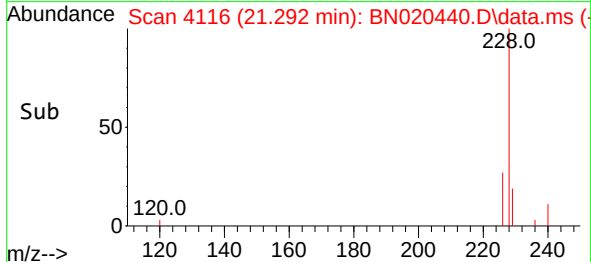
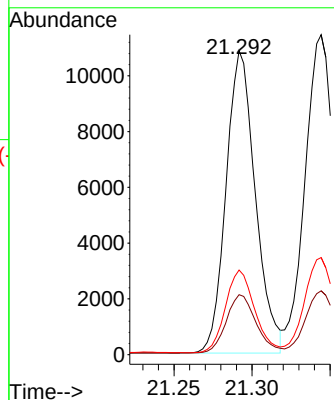


#21
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 21.292 min Scan# 4117
Delta R.T. -0.003 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

Instrument :
BNA_N
ClientSampleId :

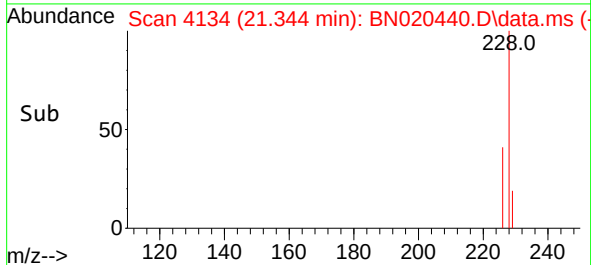
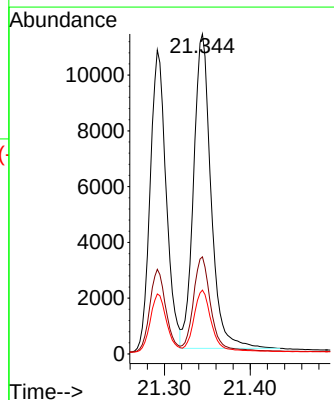
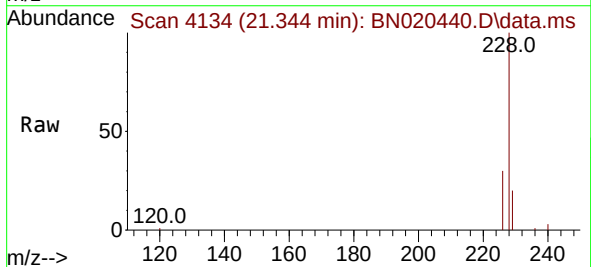


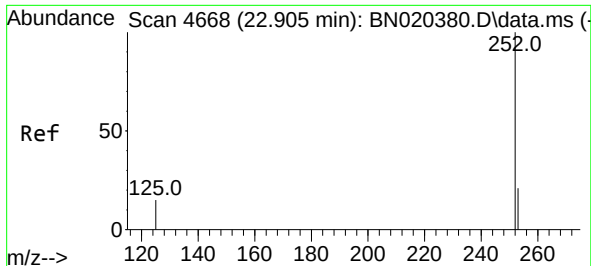
Tgt Ion:228 Resp: 14147
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.9 22.2 33.2



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.344 min Scan# 4134
Delta R.T. -0.003 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

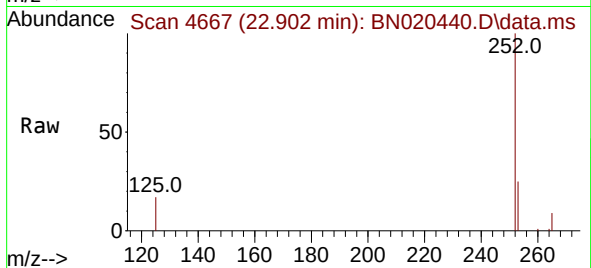
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Ion Ratio Lower Upper
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226 30.3 23.9 35.9
229 19.9 15.8 23.8



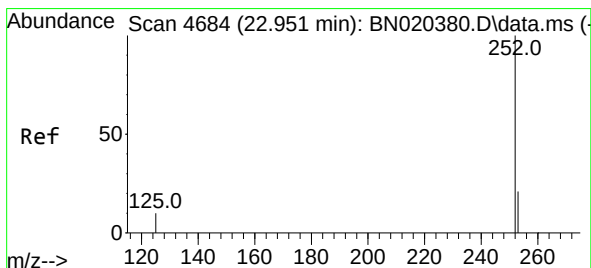
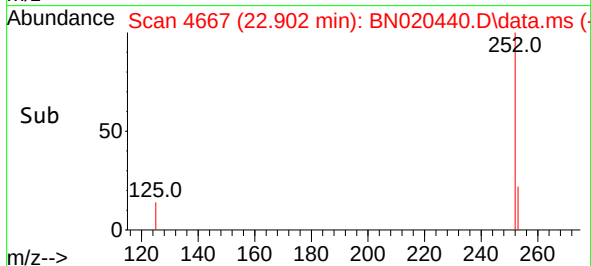
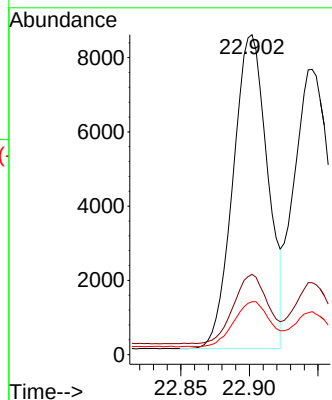


#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul
RT: 22.902 min Scan# 4667
Delta R.T. -0.003 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

Instrument :
BNA_N
ClientSampleId :

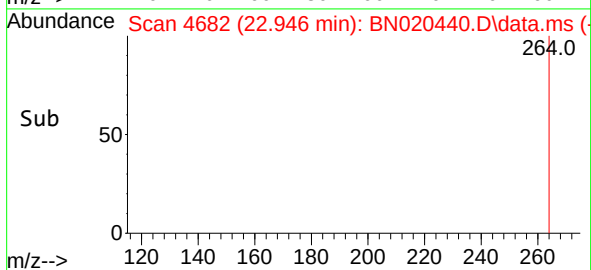
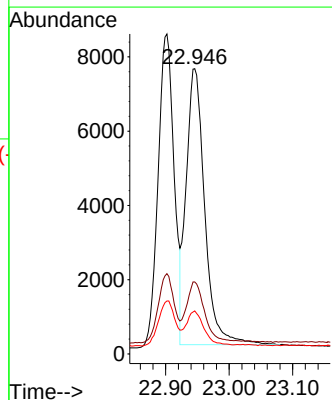
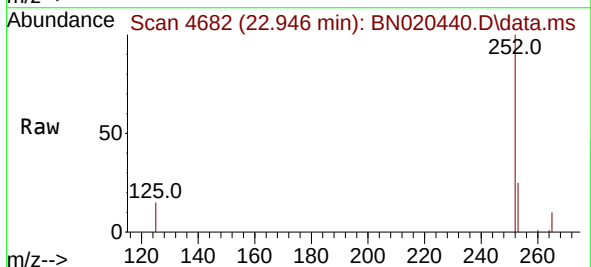


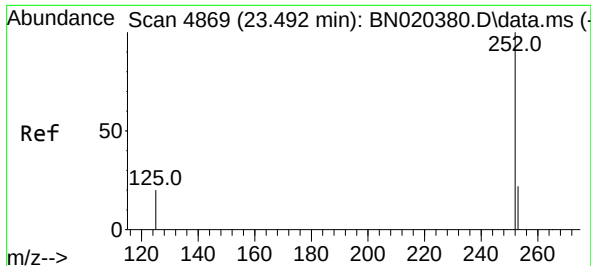
Tgt Ion:252 Resp: 14819
Ion Ratio Lower Upper
252 100
253 25.1 0.0 48.6
125 16.5 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul
RT: 22.946 min Scan# 4682
Delta R.T. -0.006 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

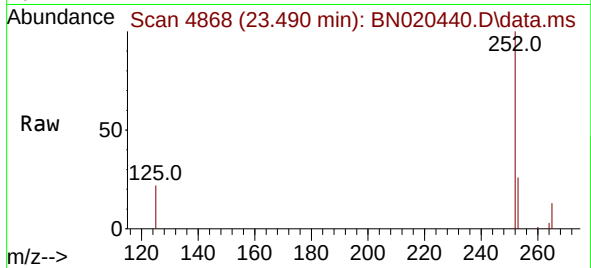
Tgt Ion:252 Resp: 15102
Ion Ratio Lower Upper
252 100
253 25.2 19.7 29.5
125 15.1 12.0 18.0



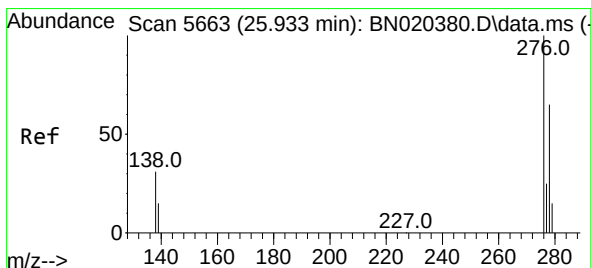
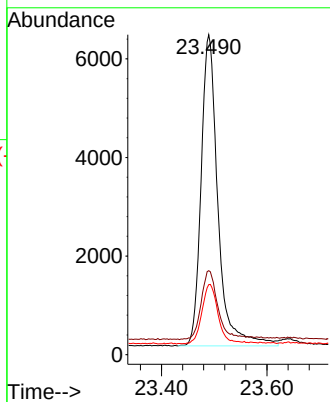
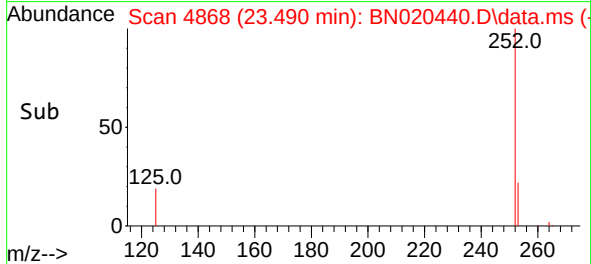


#26
Benzo(a)pyrene
Concen: 0.354 ng/ul
RT: 23.490 min Scan# 4869
Delta R.T. -0.003 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

Instrument :
BNA_N
ClientSampleId :

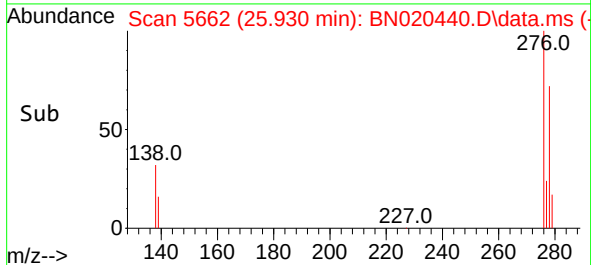
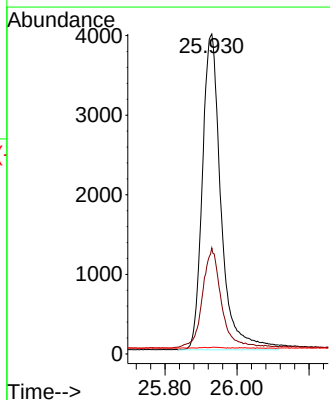
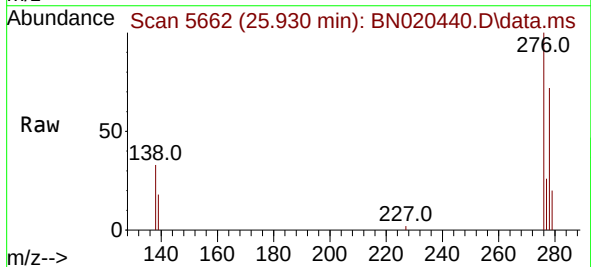


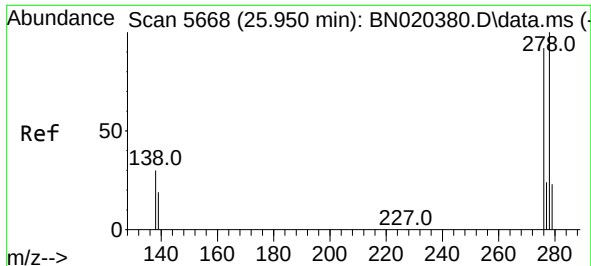
Tgt Ion:252 Resp: 13963
Ion Ratio Lower Upper
252 100
253 26.3 21.0 31.4
125 21.9 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 25.930 min Scan# 5662
Delta R.T. -0.003 min
Lab File: BN020440.D
Acq: 25 Jun 2022 18:05

Tgt Ion:276 Resp: 14280
Ion Ratio Lower Upper
276 100
138 32.6 27.4 41.2
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.364 ng/ul

RT: 25.940 min Scan# 5665

Delta R.T. -0.010 min

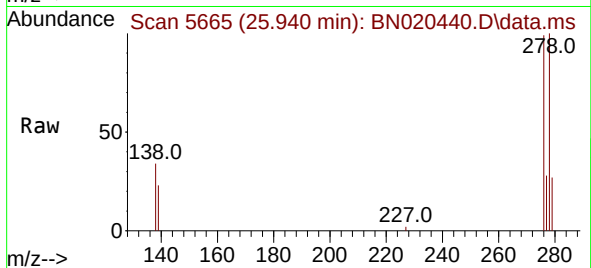
Lab File: BN020440.D

Acq: 25 Jun 2022 18:05

Instrument :

BNA_N

ClientSampleId :



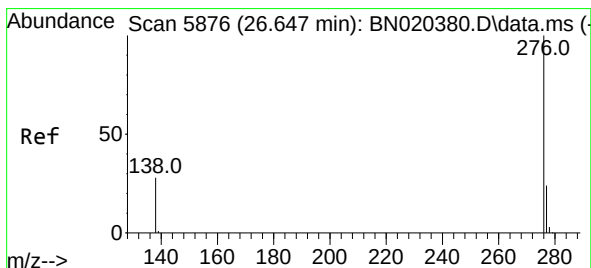
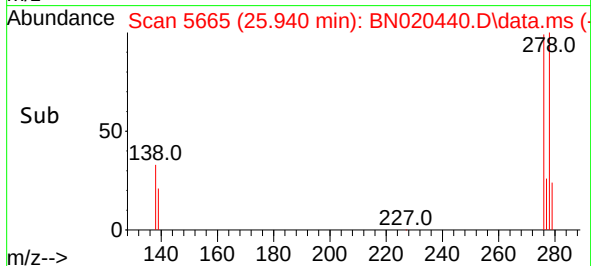
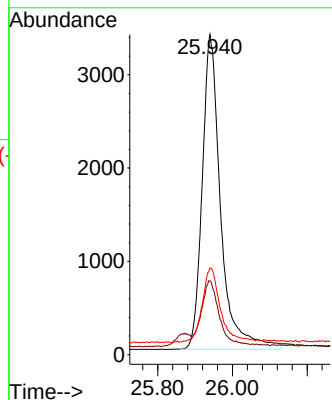
Tgt Ion:278 Resp: 11555

Ion Ratio Lower Upper

278 100

139 23.0 18.8 28.2

279 27.1 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.365 ng/ul

RT: 26.637 min Scan# 5873

Delta R.T. -0.010 min

Lab File: BN020440.D

Acq: 25 Jun 2022 18:05

Tgt Ion:276 Resp: 12310

Ion Ratio Lower Upper

276 100

138 28.2 23.5 35.3

277 25.0 20.1 30.1

