

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020441.D
 Acq On : 25 Jun 2022 18:41
 Operator : CG/JU
 Sample : PB145680BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS680

Quant Time: Jun 27 03:43:01 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)

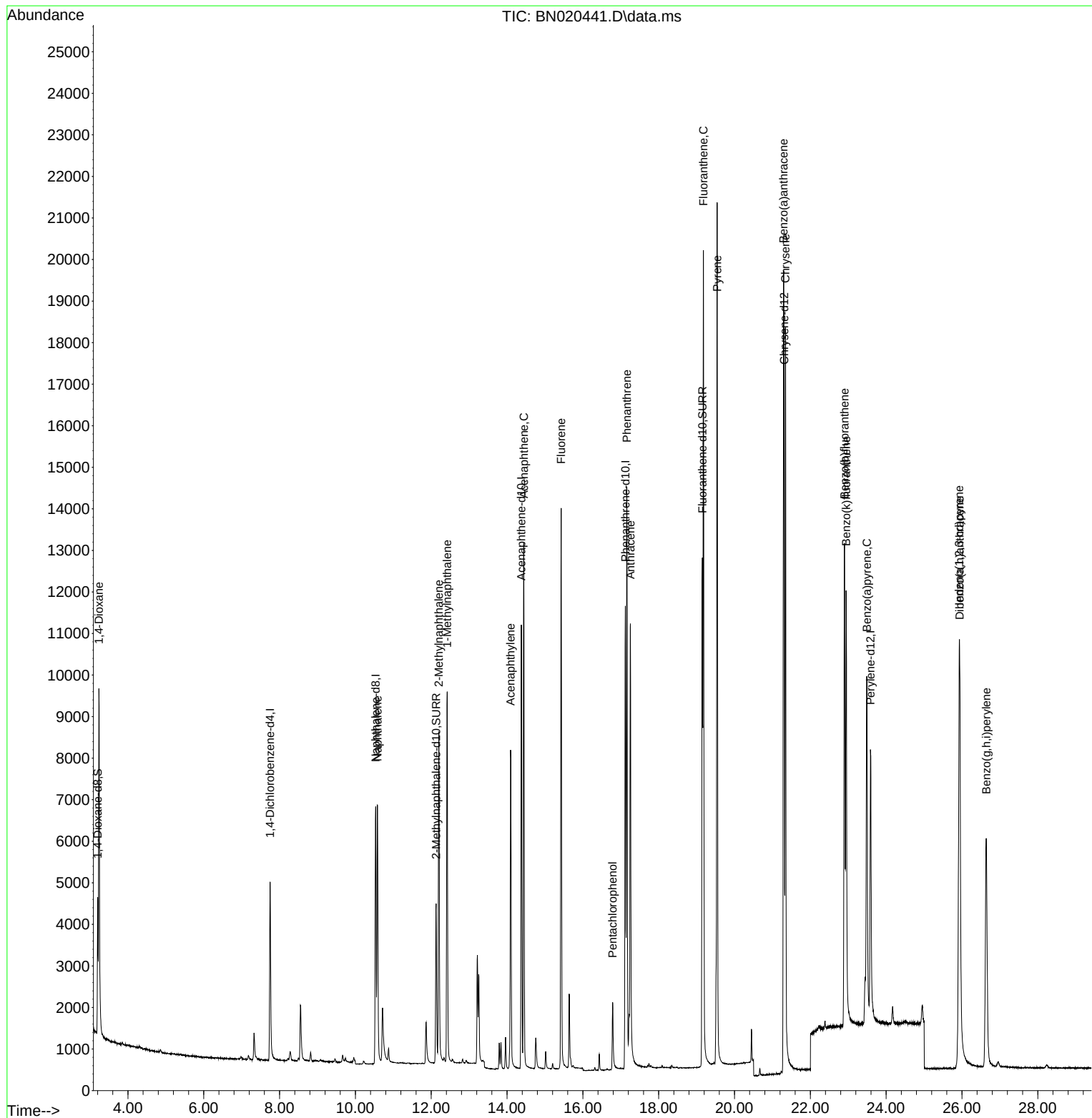
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	2680	0.400	ng/u1	0.00
4) Naphthalene-d8	10.535	136	9162	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.377	164	6172	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.120	188	13876	0.400	ng/u1	0.00
17) Chrysene-d12	21.308	240	11832	0.400	ng/u1	0.00
23) Perylene-d12	23.588	264	9559	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	2254	0.726	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.130	152	5647	0.376	ng/u1	0.00
18) Fluoranthene-d10	19.151	212	14251	0.365	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.235	88	5459	1.722	ng/u1#	81
5) Naphthalene	10.584	128	9456	0.334	ng/u1	99
7) 2-Methylnaphthalene	12.201	142	6316	0.334	ng/u1	99
8) 1-Methylnaphthalene	12.421	142	6740	0.376	ng/u1	99
10) Acenaphthylene	14.095	152	9733	0.333	ng/u1	100
11) Acenaphthene	14.442	153	7686	0.328	ng/u1	98
12) Fluorene	15.427	166	9015	0.325	ng/u1	99
14) Pentachlorophenol	16.786	266	1347	0.481	ng/u1	98
15) Phenanthrene	17.162	178	15714	0.326	ng/u1	100
16) Anthracene	17.255	178	13744	0.330	ng/u1	100
19) Fluoranthene	19.179	202	17728	0.328	ng/u1	100
20) Pyrene	19.541	202	18446	0.329	ng/u1	99
21) Benzo(a)anthracene	21.293	228	14733	0.347	ng/u1	99
22) Chrysene	21.343	228	16637	0.352	ng/u1	99
24) Benzo(b)fluoranthene	22.901	252	15386	0.348	ng/u1	98
25) Benzo(k)fluoranthene	22.945	252	15044	0.337	ng/u1	99
26) Benzo(a)pyrene	23.488	252	14075	0.350	ng/u1	97
27) Indeno(1,2,3-cd)pyrene	25.928	276	14295	0.357	ng/u1#	97
28) Dibenzo(a,h)anthracene	25.941	278	11565	0.358	ng/u1	99
29) Benzo(g,h,i)perylene	26.639	276	12390	0.361	ng/u1	99

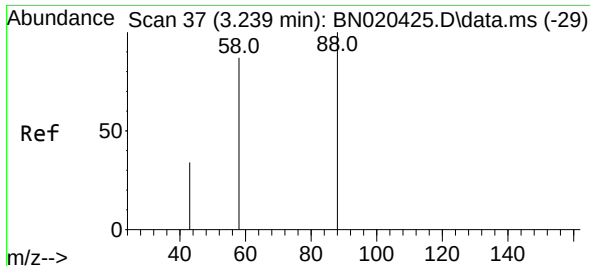
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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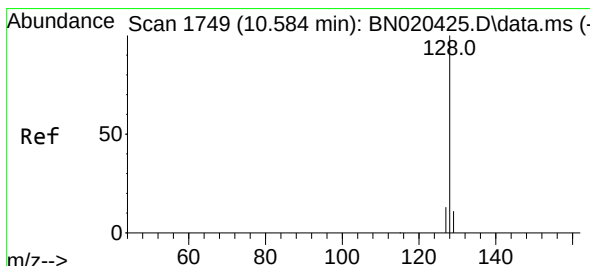
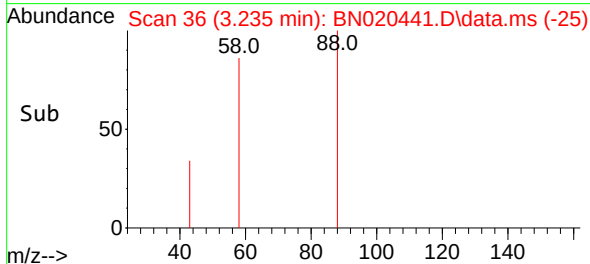
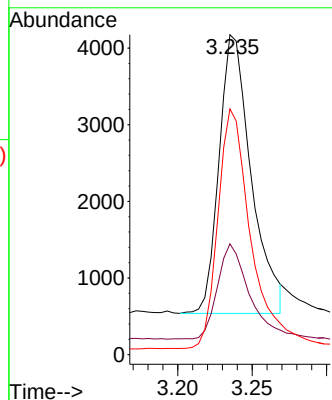
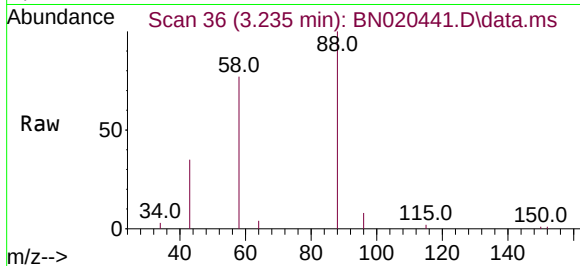




#2
1,4-Dioxane
Concen: 1.722 ng/ul
RT: 3.235 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

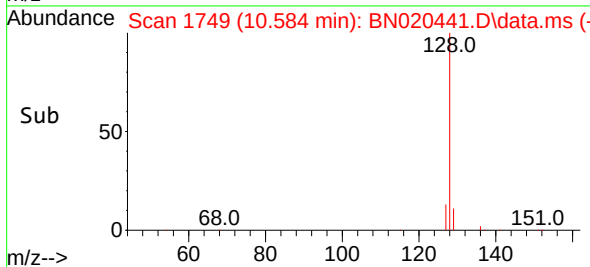
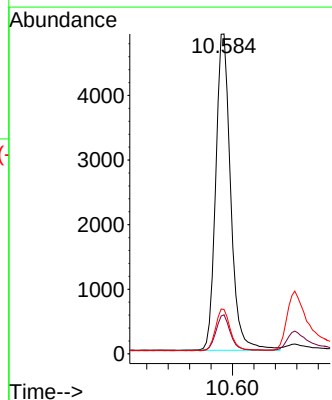
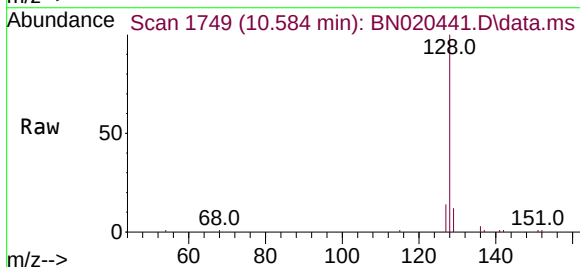
Instrument :
BNA_N
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SLCS680

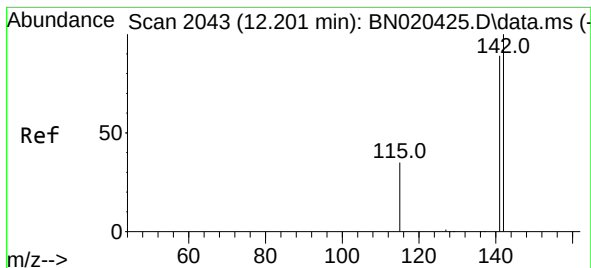
Tgt Ion: 88 Resp: 5459
Ion Ratio Lower Upper
88 100
43 34.7 32.5 48.7
58 76.8 46.2 69.2#



#5
Naphthalene
Concen: 0.334 ng/ul
RT: 10.584 min Scan# 1749
Delta R.T. 0.001 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

Tgt Ion:128 Resp: 9456
Ion Ratio Lower Upper
128 100
129 12.2 9.5 14.3
127 13.9 11.3 16.9

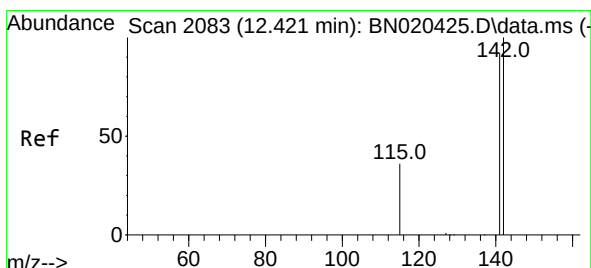
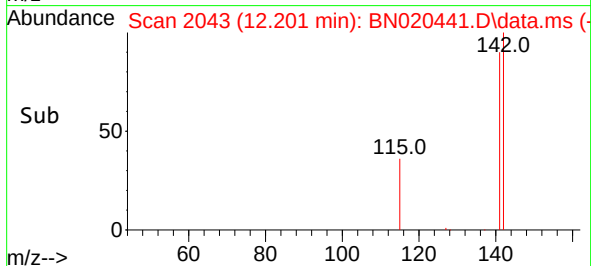
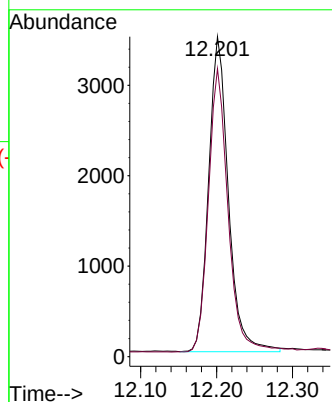
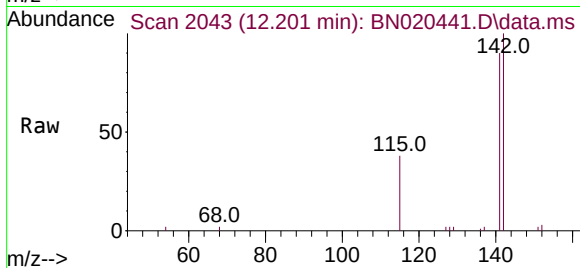




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.201 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

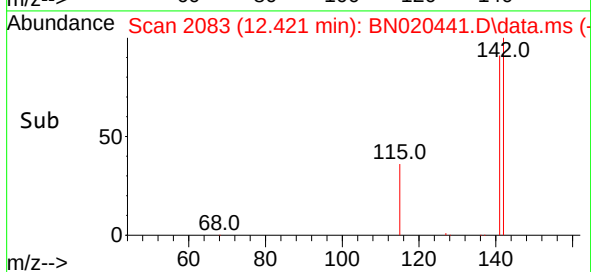
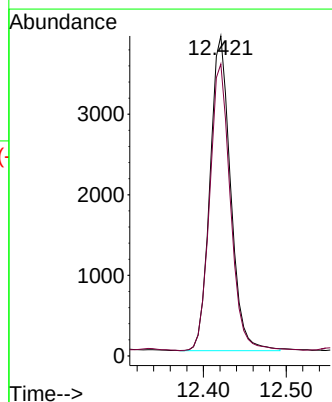
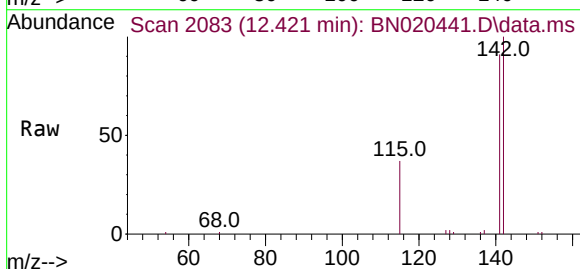
Instrument :
BNA_N
ClientSampleId :
SLCS680

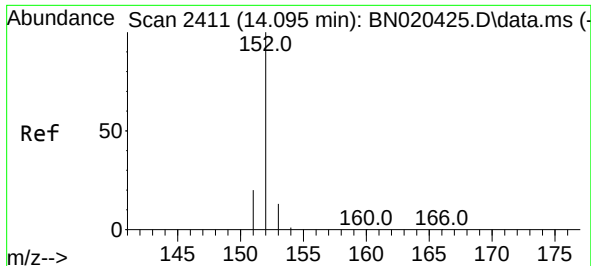
Tgt Ion:142 Resp: 6316
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.421 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

Tgt Ion:142 Resp: 6740
Ion Ratio Lower Upper
142 100
141 91.6 73.7 110.5

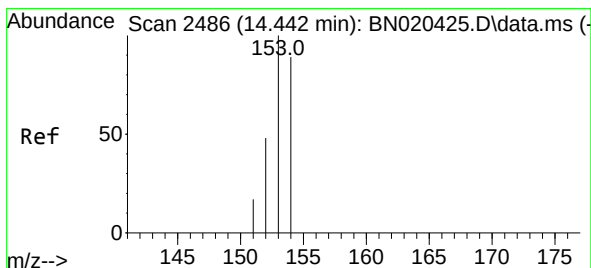
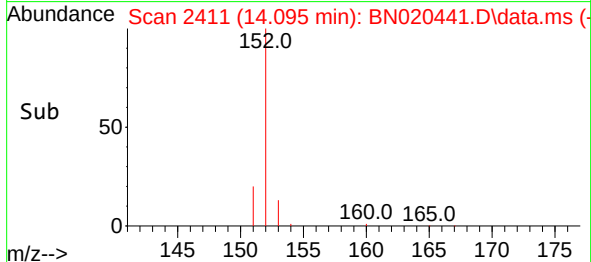
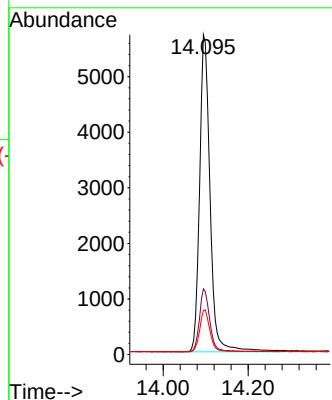
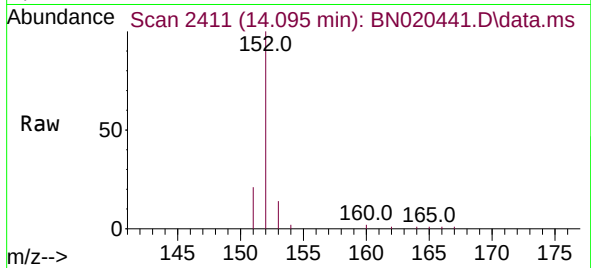




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.095 min Scan# 2411
Delta R.T. -0.003 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

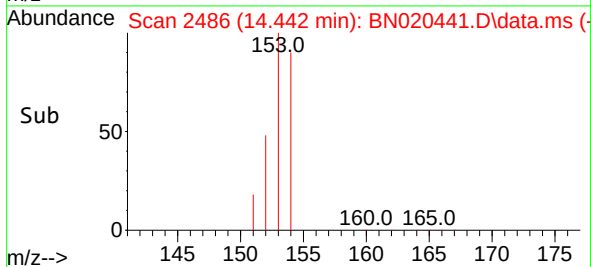
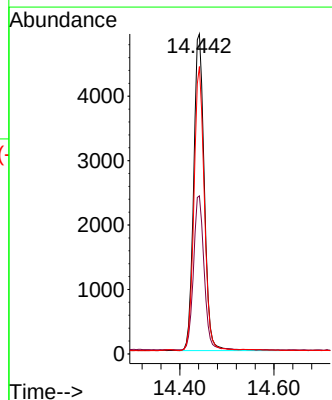
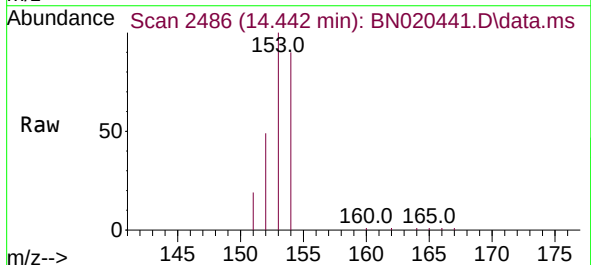
Instrument :
BNA_N
ClientSampleId :
SLCS680

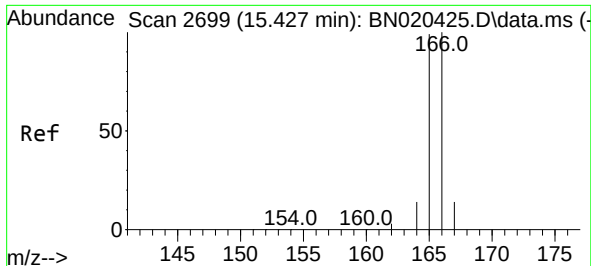
Tgt Ion:152 Resp: 9733
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.442 min Scan# 2486
Delta R.T. 0.001 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

Tgt Ion:153 Resp: 7686
Ion Ratio Lower Upper
153 100
152 49.4 40.0 60.0
154 89.8 70.0 105.0

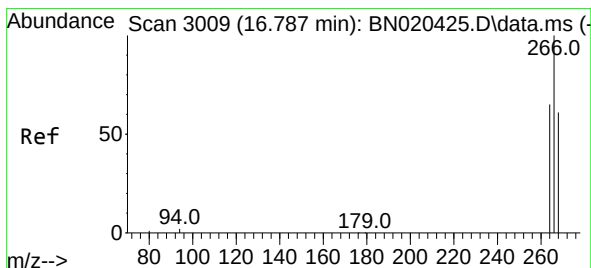
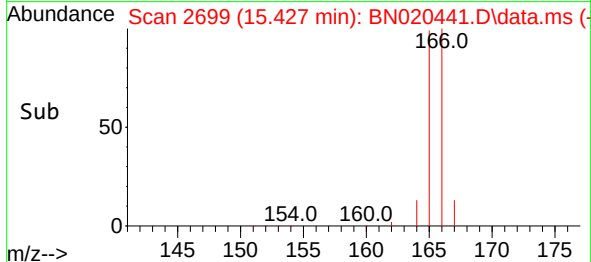
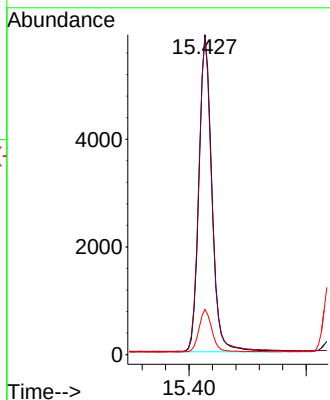
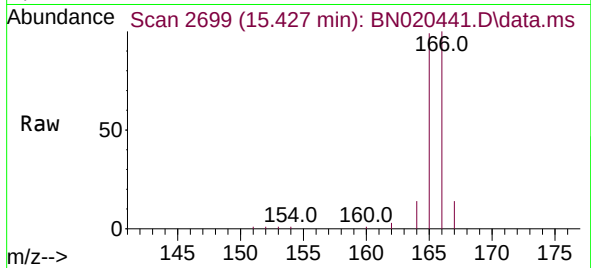




#12
Fluorene
Concen: 0.325 ng/ul
RT: 15.427 min Scan# 2699
Delta R.T. -0.003 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

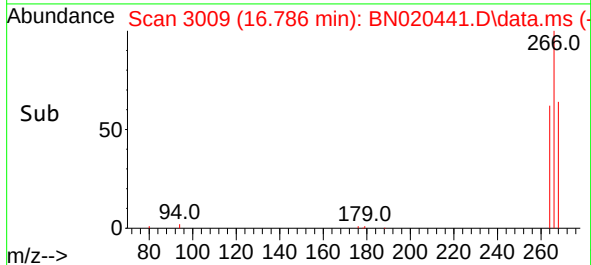
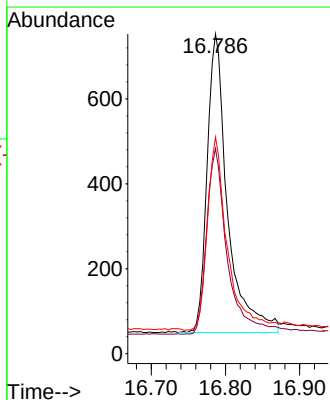
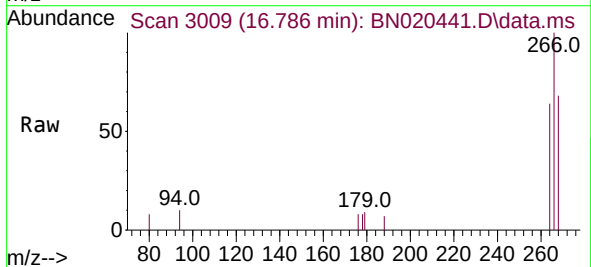
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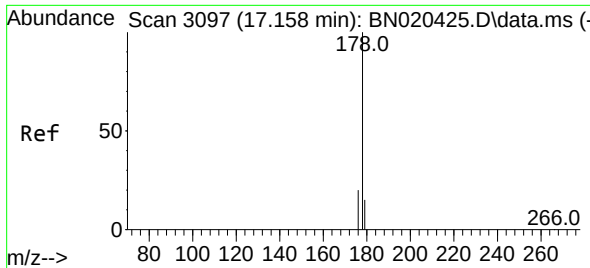
Tgt Ion:166 Resp: 9015
Ion Ratio Lower Upper
166 100
165 99.2 78.2 117.2
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.481 ng/ul
RT: 16.786 min Scan# 3009
Delta R.T. 0.001 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

Tgt Ion:266 Resp: 1347
Ion Ratio Lower Upper
266 100
264 62.7 51.6 77.4
268 63.7 51.5 77.3

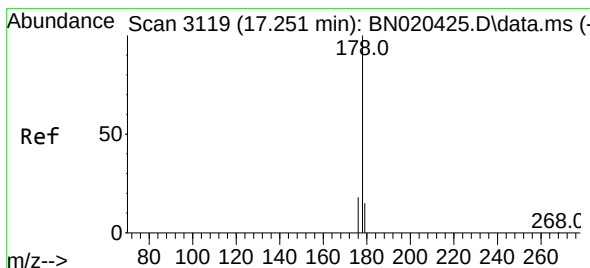
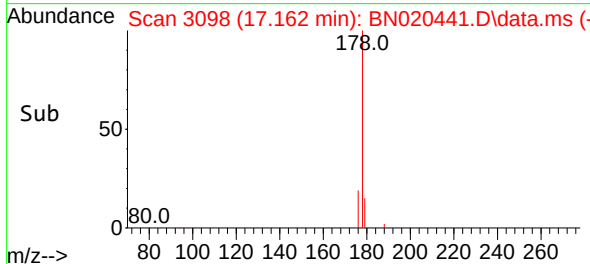
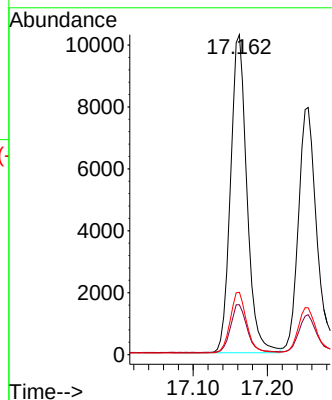
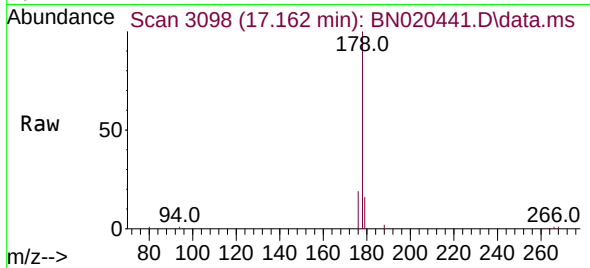




#15
Phenanthrene
Concen: 0.326 ng/ul
RT: 17.162 min Scan# 3098
Delta R.T. 0.001 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

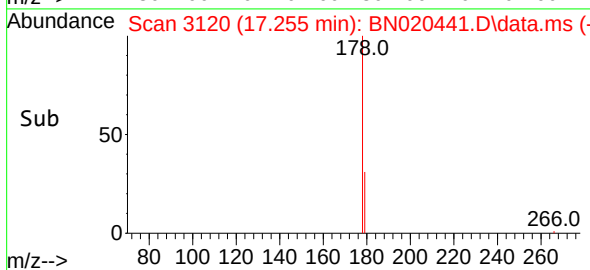
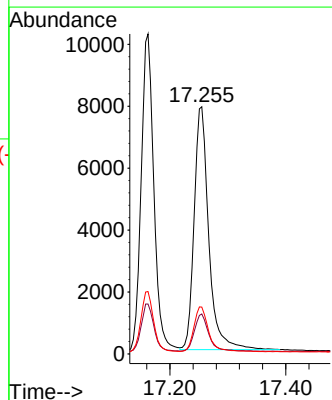
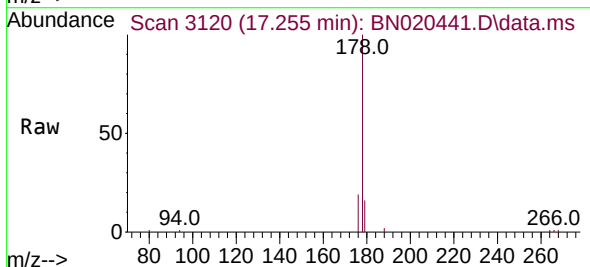
Instrument :
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ClientSampleId :
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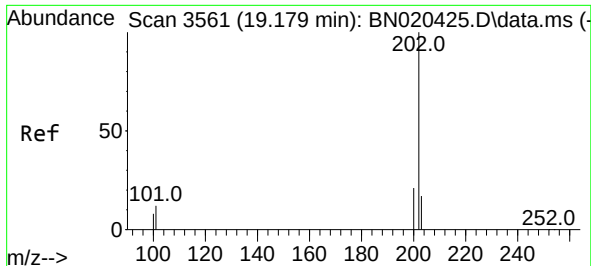
Tgt Ion:178	Resp:	15714
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.6 18.8
176	19.5	15.8 23.6



#16
Anthracene
Concen: 0.330 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

Tgt Ion:178	Resp:	13744
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.8 19.2
176	18.9	15.2 22.8

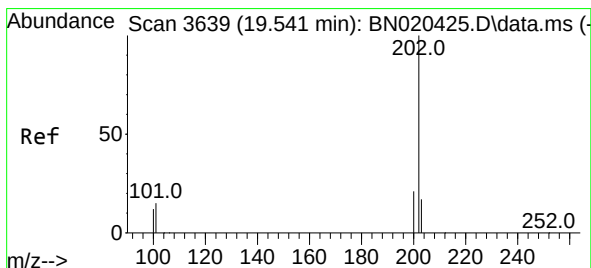
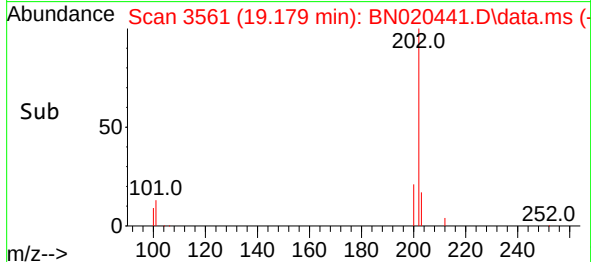
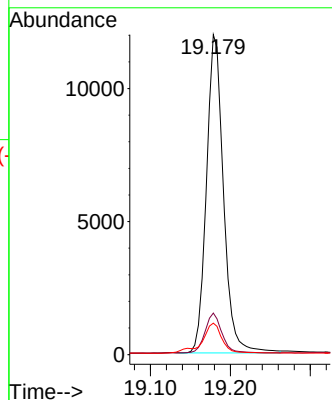
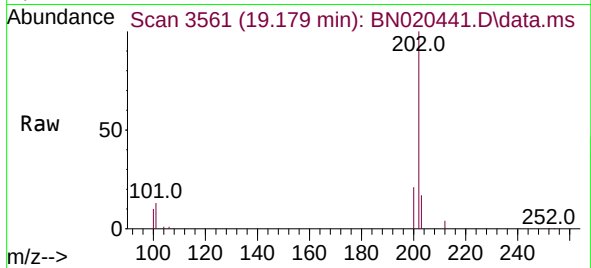




#19
Fluoranthene
Concen: 0.328 ng/ul
RT: 19.179 min Scan# 3561
Delta R.T. -0.003 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

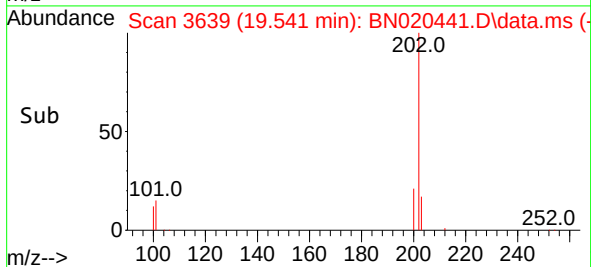
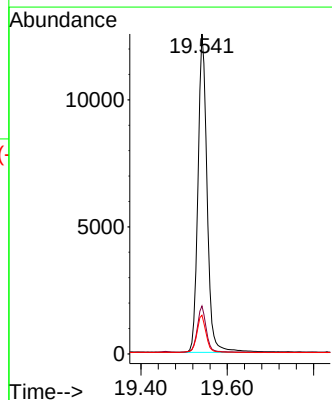
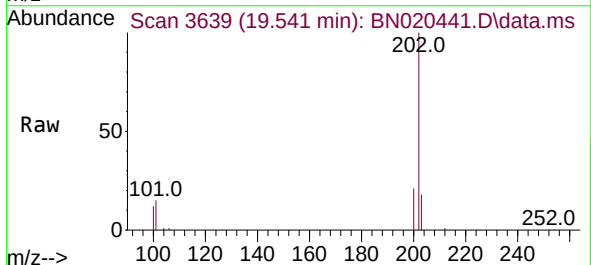
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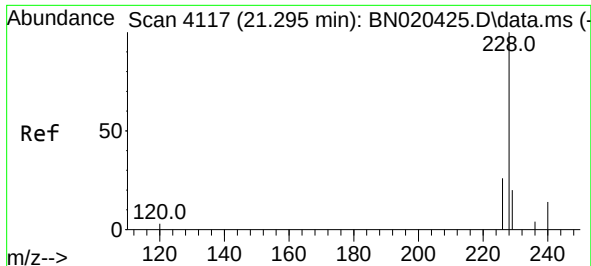
Tgt Ion:202 Resp: 17728
Ion Ratio Lower Upper
202 100
101 13.0 10.3 15.5
100 9.8 7.8 11.6



#20
Pyrene
Concen: 0.329 ng/ul
RT: 19.541 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

Tgt Ion:202 Resp: 18446
Ion Ratio Lower Upper
202 100
101 15.0 11.6 17.4
100 12.1 9.2 13.8

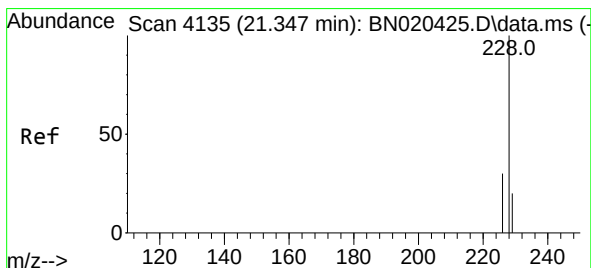
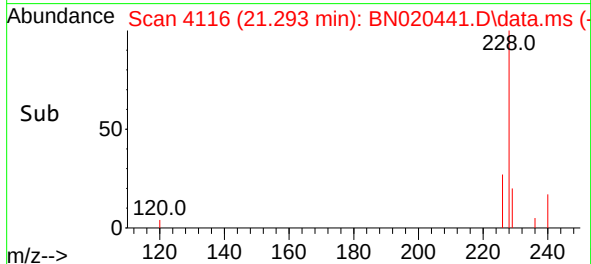
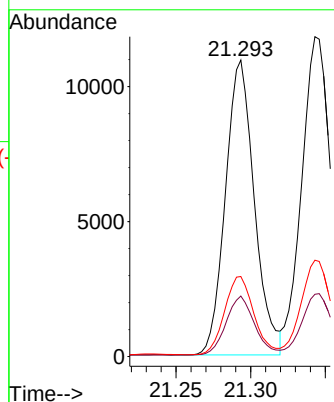
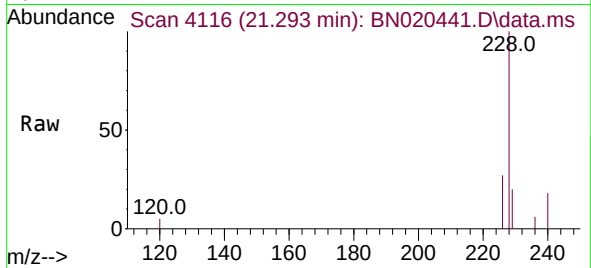




#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.293 min Scan# 4117
Delta R.T. -0.001 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

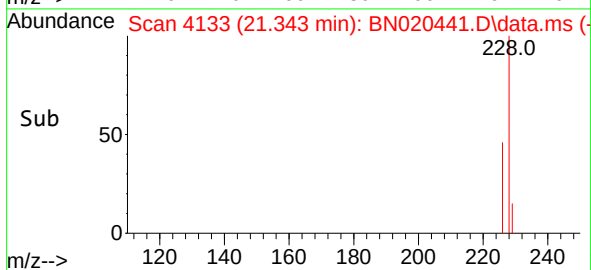
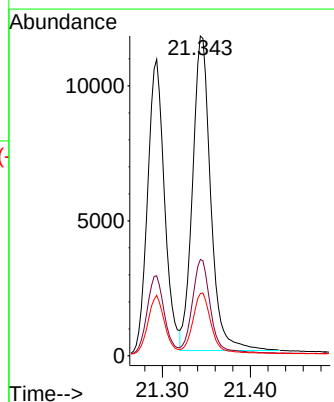
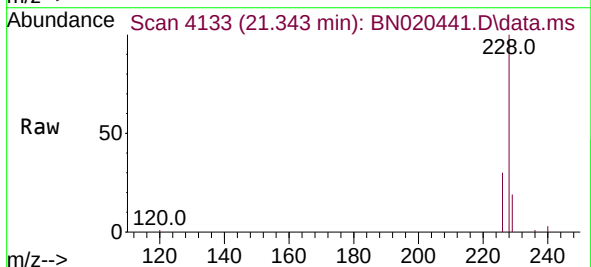
Instrument :
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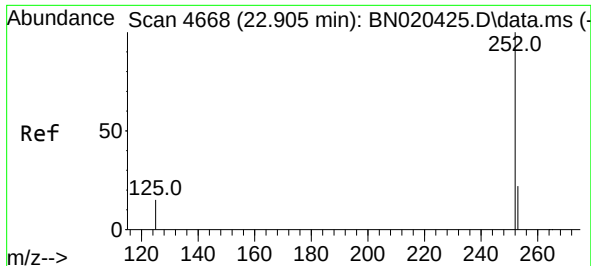
Tgt Ion:228 Resp: 14733
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 27.0 22.2 33.2



#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.343 min Scan# 4133
Delta R.T. -0.004 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

Tgt Ion:228 Resp: 16637
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.5 15.8 23.8

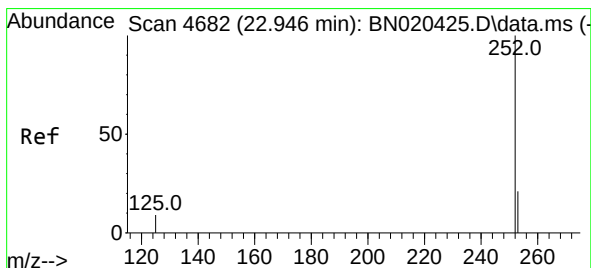
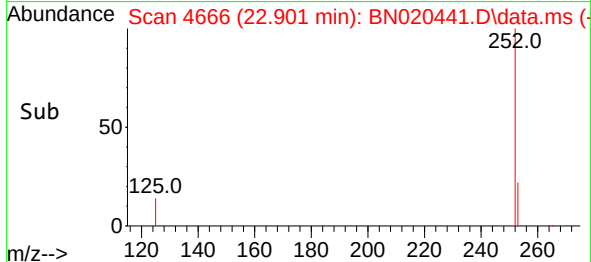
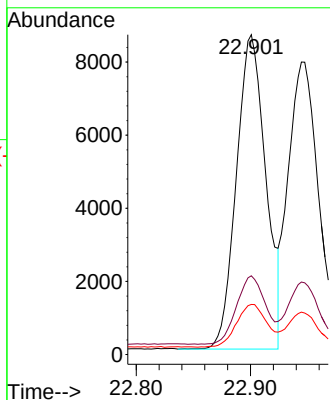
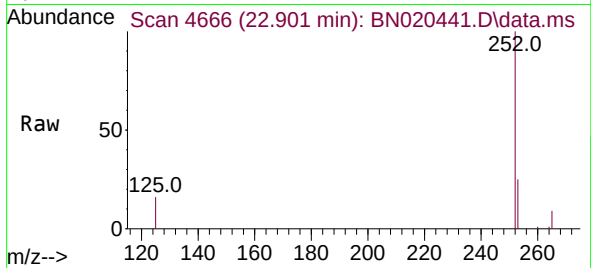




#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 22.901 min Scan# 4666
Delta R.T. -0.004 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

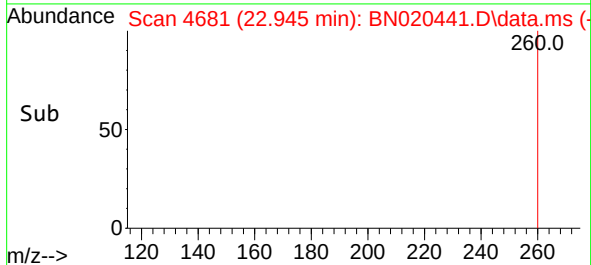
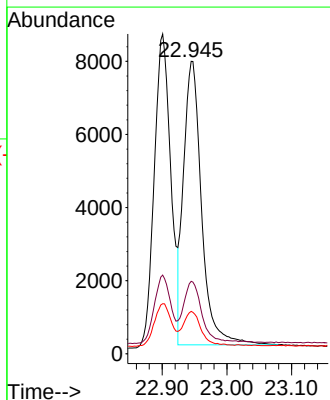
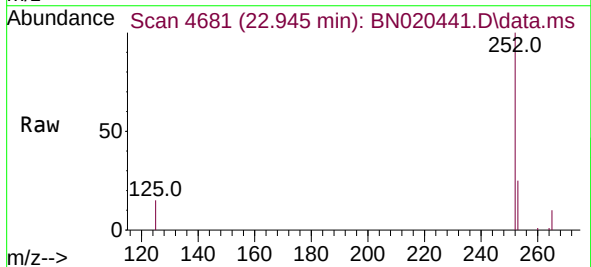
Instrument :
BNA_N
ClientSampleId :
SLCS680

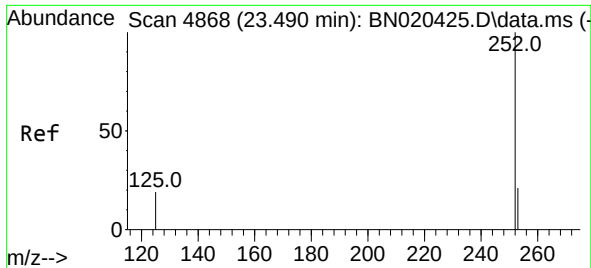
Tgt Ion:252 Resp: 15386
Ion Ratio Lower Upper
252 100
253 24.6 0.0 48.6
125 15.7 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul
RT: 22.945 min Scan# 4681
Delta R.T. -0.007 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

Tgt Ion:252 Resp: 15044
Ion Ratio Lower Upper
252 100
253 24.8 19.7 29.5
125 14.5 12.0 18.0

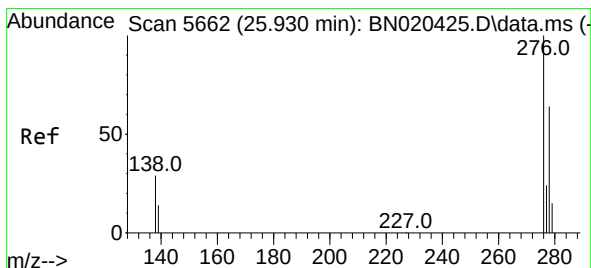
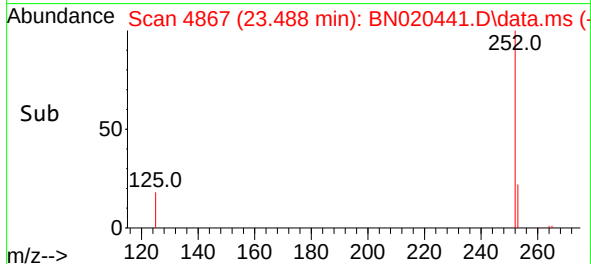
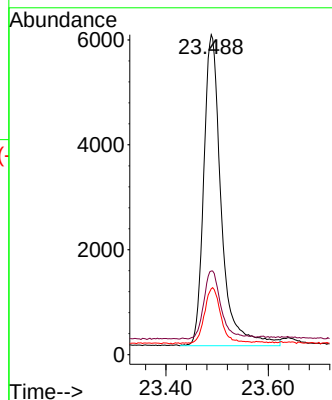
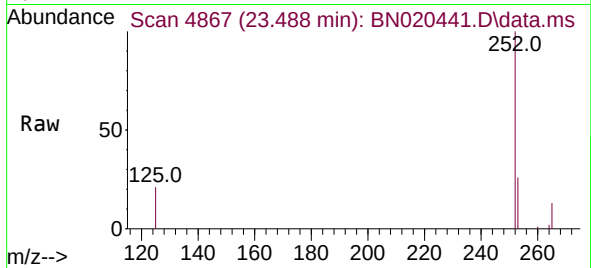




#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.488 min Scan# 4867
Delta R.T. -0.004 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

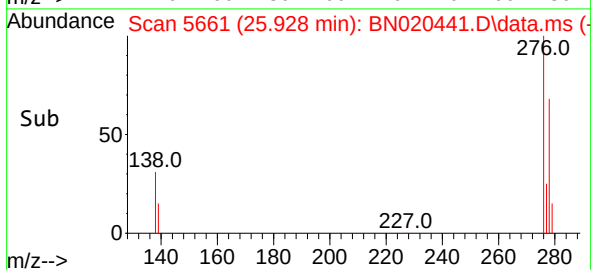
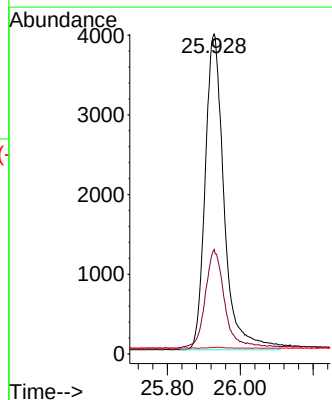
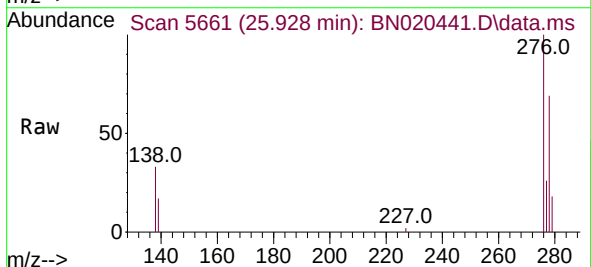
Instrument :
BNA_N
ClientSampleId :
SLCS680

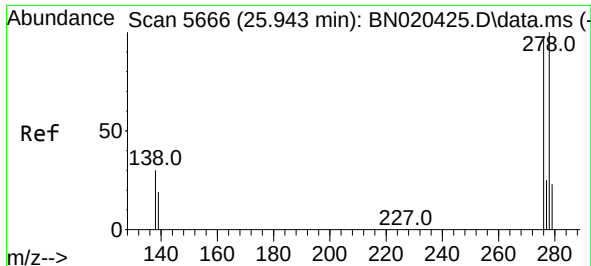
Tgt Ion:252	Resp:	14075
Ion Ratio	Lower	Upper
252	100	
253	26.1	21.0 31.4
125	20.6	18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 25.928 min Scan# 5661
Delta R.T. -0.005 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

Tgt Ion:276	Resp:	14295
Ion Ratio	Lower	Upper
276	100	
138	32.5	27.4 41.2
227	0.2	0.2 0.2

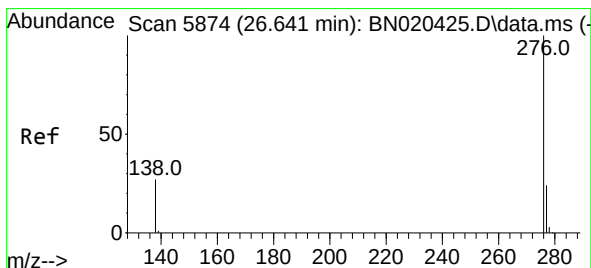
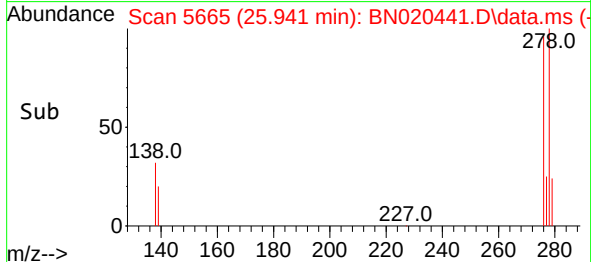
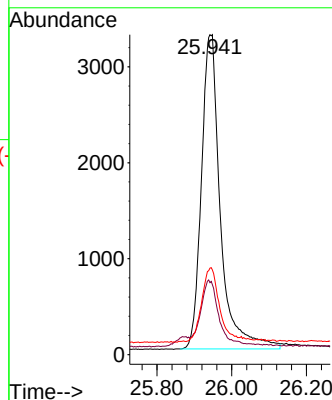
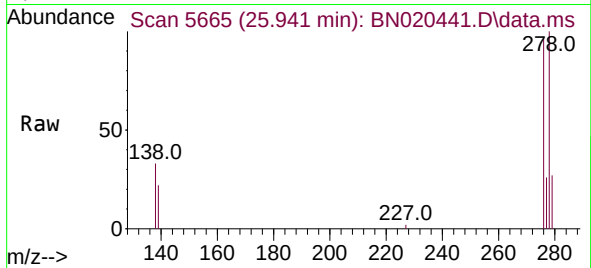




#28
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 25.941 min Scan# 5665
Delta R.T. -0.008 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

Instrument :
BNA_N
ClientSampleId :
SLCS680

Tgt Ion:278 Resp: 11565
Ion Ratio Lower Upper
278 100
139 22.5 18.8 28.2
279 27.0 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.361 ng/ul
RT: 26.639 min Scan# 5873
Delta R.T. -0.008 min
Lab File: BN020441.D
Acq: 25 Jun 2022 18:41

Tgt Ion:276 Resp: 12390
Ion Ratio Lower Upper
276 100
138 29.0 23.5 35.3
277 25.4 20.1 30.1

