

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020401.D
 Acq On : 24 Jun 2022 17:15
 Operator : CG/JU
 Sample : PB145725BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 25 00:55:16 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)

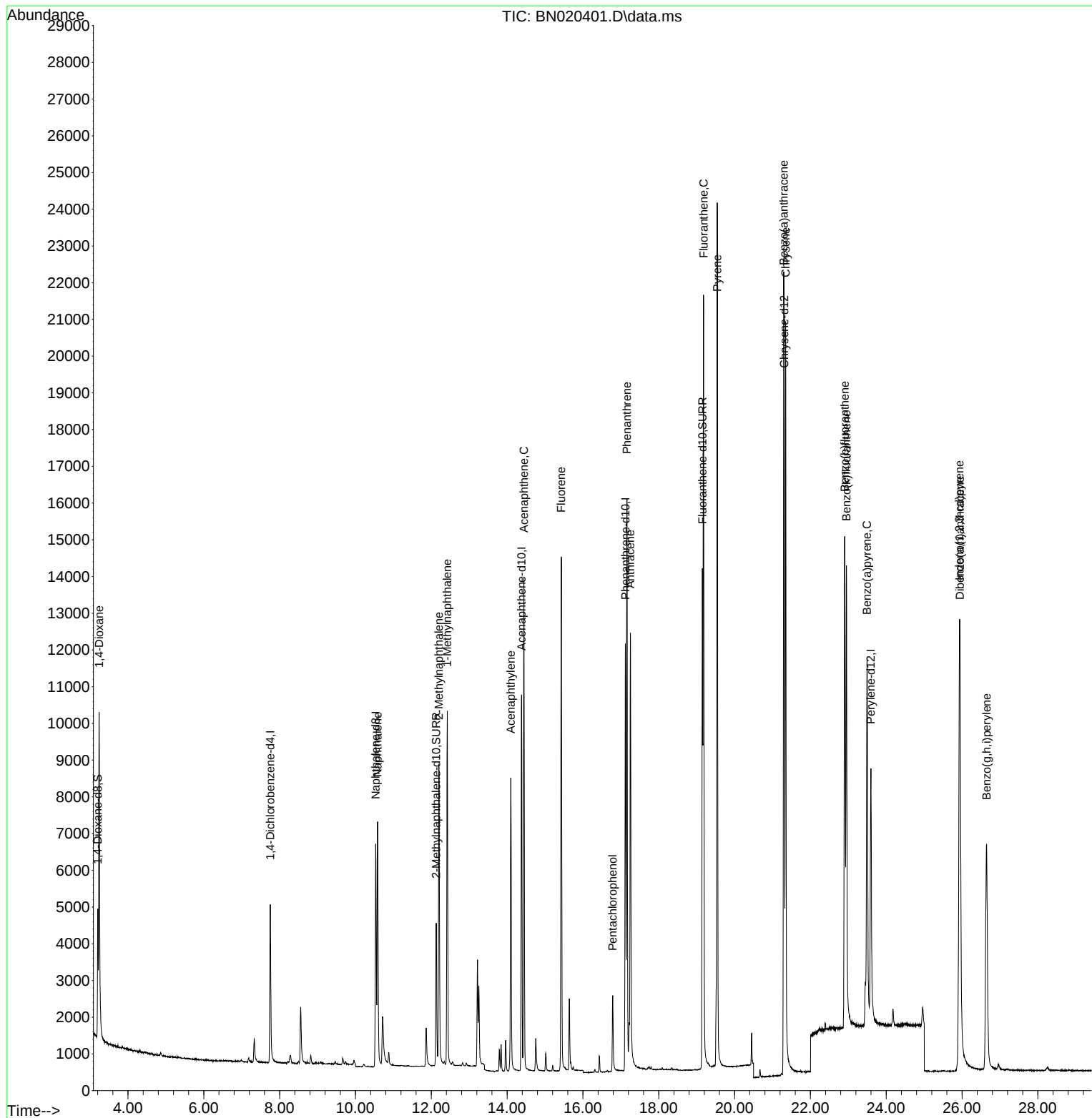
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	2690	0.400	ng/ul	0.00
4) Naphthalene-d8	10.535	136	8917	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.382	164	5918	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	13838	0.400	ng/ul	0.00
17) Chrysene-d12	21.309	240	12403	0.400	ng/ul	0.00
23) Perylene-d12	23.595	264	10002	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	2356	0.756	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.130	152	5732	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.151	212	15328	0.375	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	5928	1.863	ng/ul#	82
5) Naphthalene	10.584	128	9901	0.360	ng/ul	100
7) 2-Methylnaphthalene	12.201	142	6581	0.357	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	7013	0.401	ng/ul	100
10) Acenaphthylene	14.099	152	9982	0.356	ng/ul	100
11) Acenaphthene	14.442	153	8021	0.357	ng/ul	99
12) Fluorene	15.427	166	9539	0.358	ng/ul	98
14) Pentachlorophenol	16.786	266	1625	0.582	ng/ul	97
15) Phenanthrene	17.162	178	17092	0.355	ng/ul	100
16) Anthracene	17.251	178	14853	0.358	ng/ul	100
19) Fluoranthene	19.183	202	19762	0.349	ng/ul	98
20) Pyrene	19.541	202	20642	0.351	ng/ul	98
21) Benzo(a)anthracene	21.295	228	16761	0.376	ng/ul	100
22) Chrysene	21.347	228	19076	0.385	ng/ul	100
24) Benzo(b)fluoranthene	22.905	252	17825	0.385	ng/ul	99
25) Benzo(k)fluoranthene	22.949	252	17634	0.377	ng/ul	99
26) Benzo(a)pyrene	23.492	252	16154	0.384	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.933	276	16493	0.394	ng/ul	97
28) Dibenzo(a,h)anthracene	25.946	278	13400	0.396	ng/ul	98
29) Benzo(g,h,i)perylene	26.647	276	14178	0.395	ng/ul	100

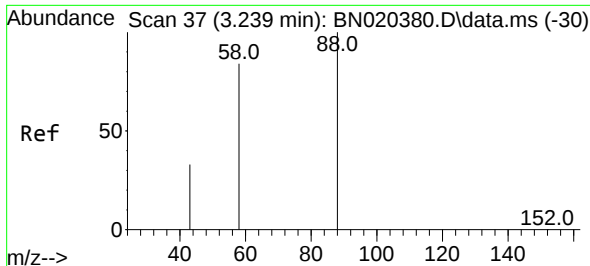
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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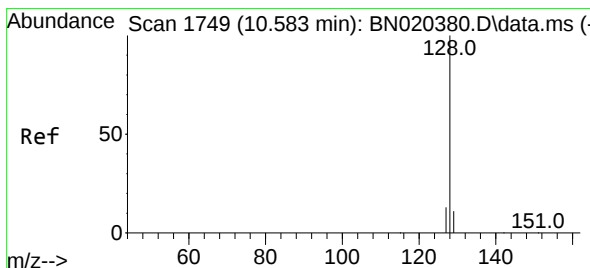
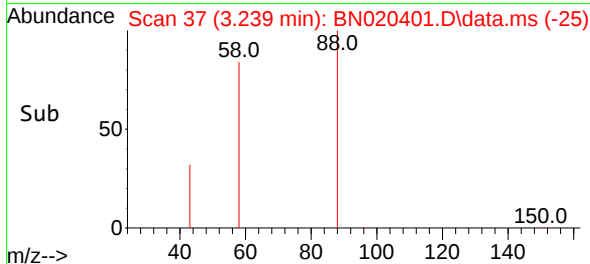
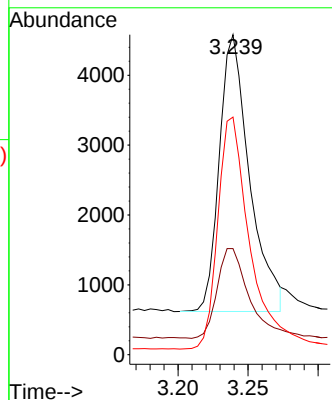
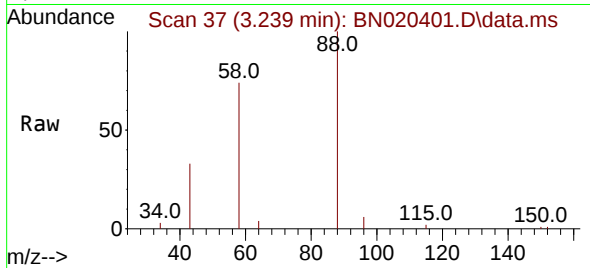




#2
1,4-Dioxane
Concen: 1.863 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

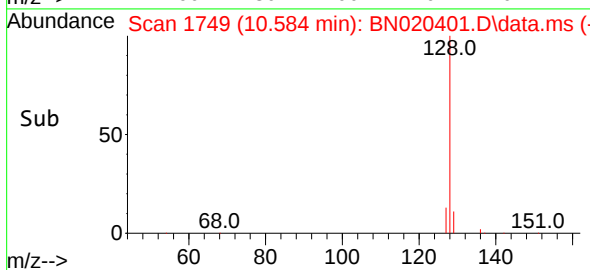
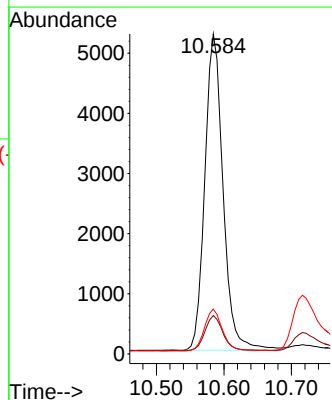
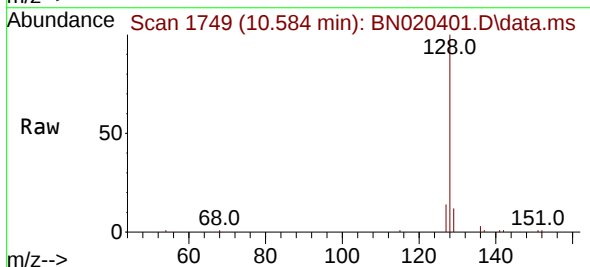
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BNA_N
ClientSampleId :

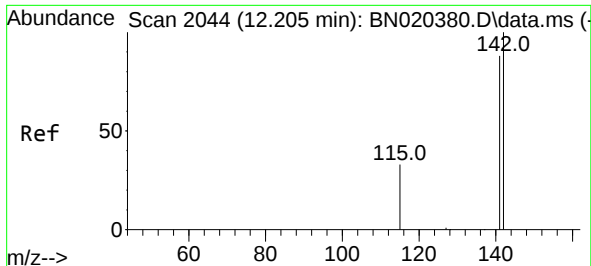
Tgt Ion: 88 Resp: 5928
Ion Ratio Lower Upper
88 100
43 33.2 32.5 48.7
58 74.3 46.2 69.2#



#5
Naphthalene
Concen: 0.360 ng/ul
RT: 10.584 min Scan# 1749
Delta R.T. 0.001 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

Tgt Ion: 128 Resp: 9901
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.0 11.3 16.9

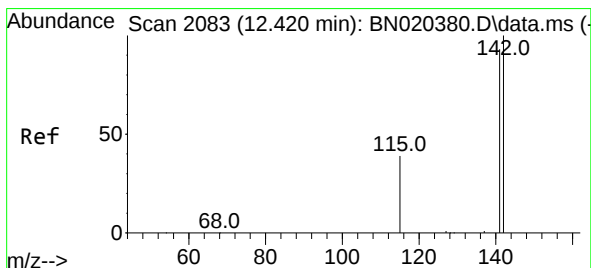
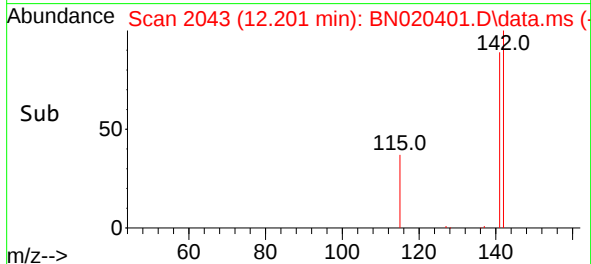
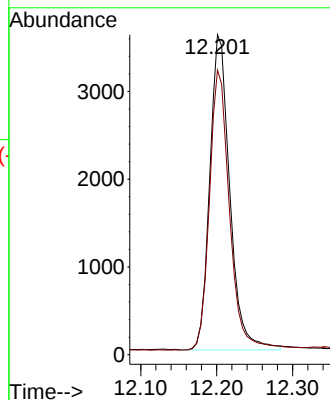
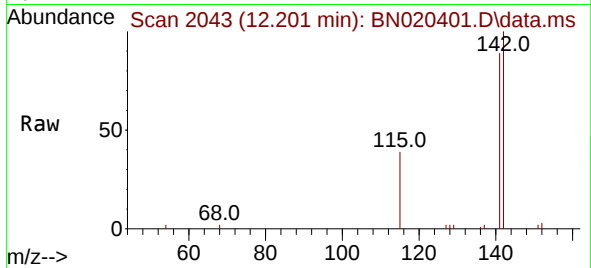




#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.201 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

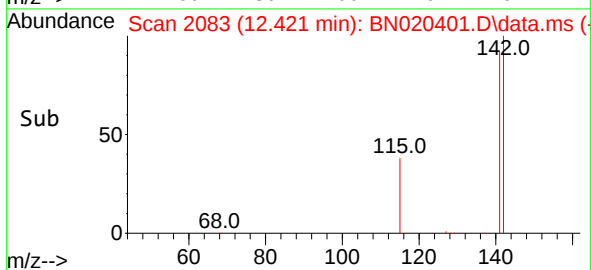
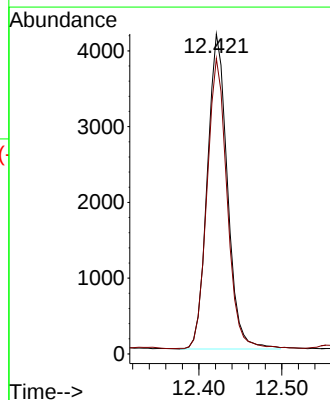
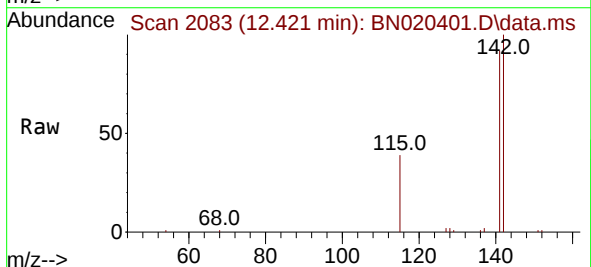
Instrument :
BNA_N
ClientSampleId :

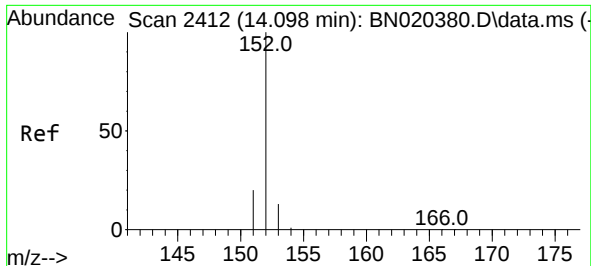
Tgt Ion:142 Resp: 6581
Ion Ratio Lower Upper
142 100
141 88.9 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.421 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

Tgt Ion:142 Resp: 7013
Ion Ratio Lower Upper
142 100
141 91.6 73.7 110.5

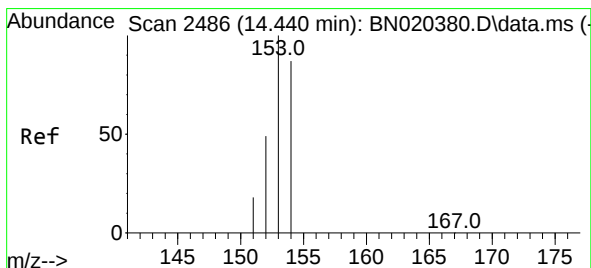
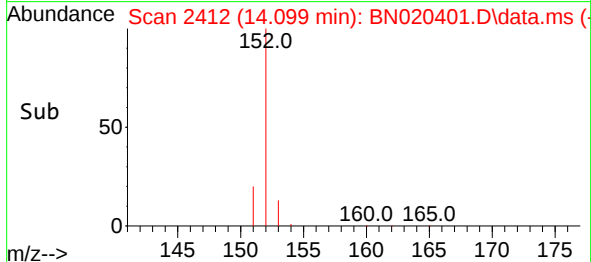
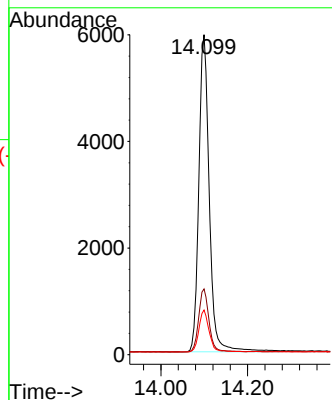
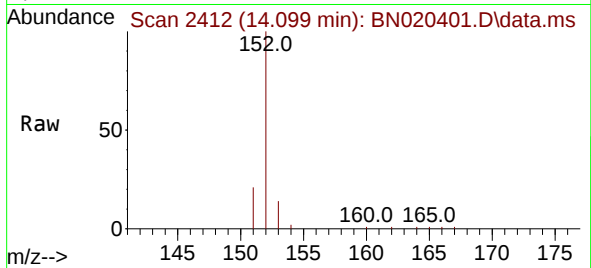




#10
Acenaphthylene
Concen: 0.356 ng/ul
RT: 14.099 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

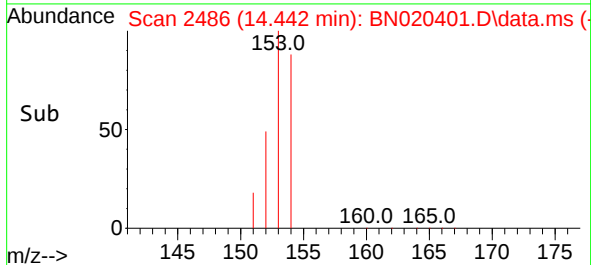
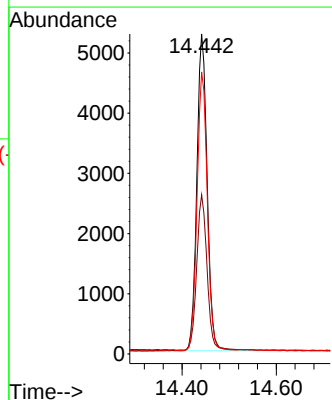
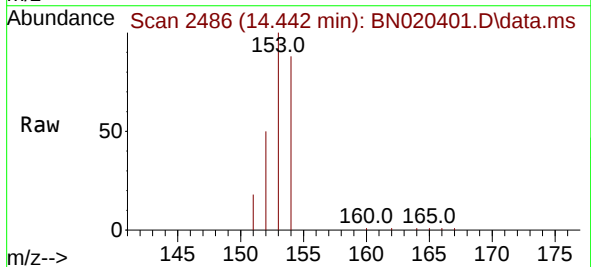
Instrument :
BNA_N
ClientSampleId :

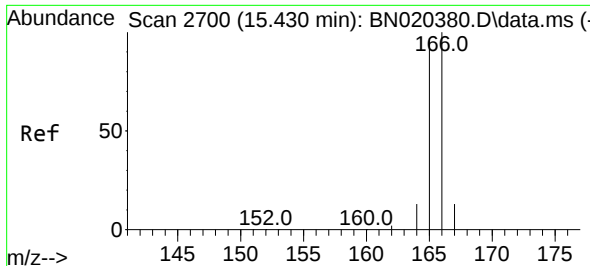
Tgt Ion:152 Resp: 9982
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.442 min Scan# 2486
Delta R.T. 0.001 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

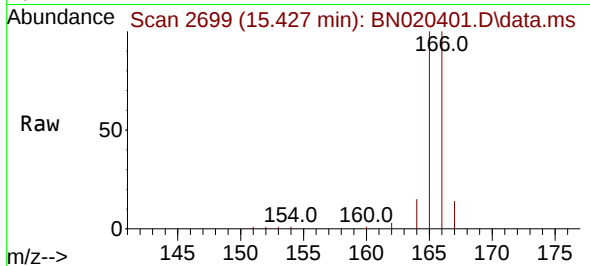
Tgt Ion:153 Resp: 8021
Ion Ratio Lower Upper
153 100
152 49.8 40.0 60.0
154 88.1 70.0 105.0



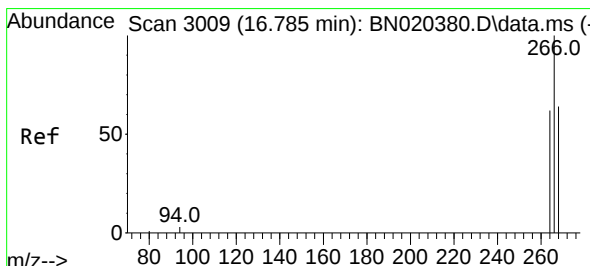
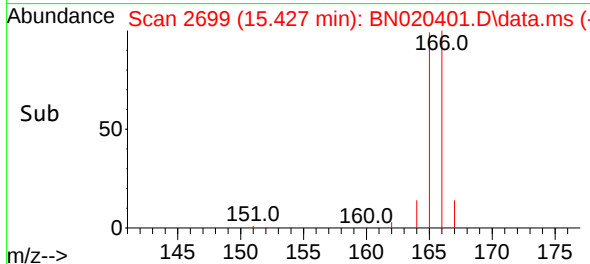
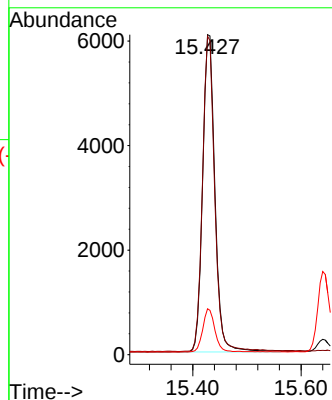


#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.427 min Scan# 2699
Delta R.T. -0.003 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

Instrument :
BNA_N
ClientSampleId :

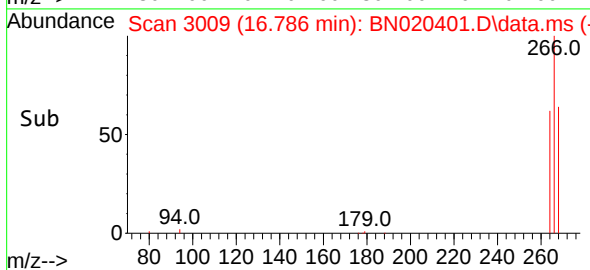
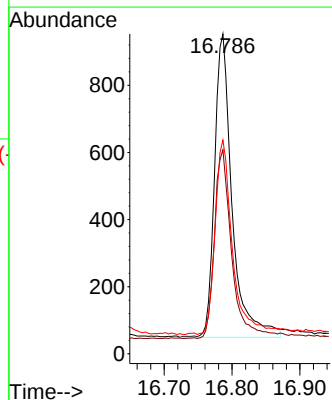
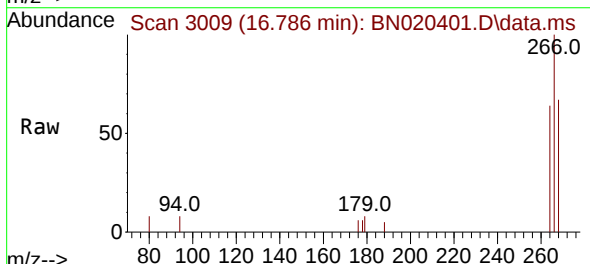


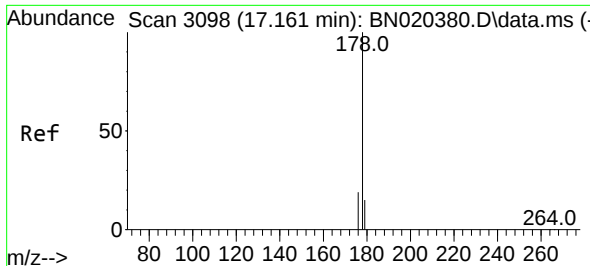
Tgt Ion:166 Resp: 9539
Ion Ratio Lower Upper
166 100
165 99.5 78.2 117.2
167 14.4 11.3 16.9



#14
Pentachlorophenol
Concen: 0.582 ng/ul
RT: 16.786 min Scan# 3009
Delta R.T. 0.001 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

Tgt Ion:266 Resp: 1625
Ion Ratio Lower Upper
266 100
264 61.2 51.6 77.4
268 63.4 51.5 77.3

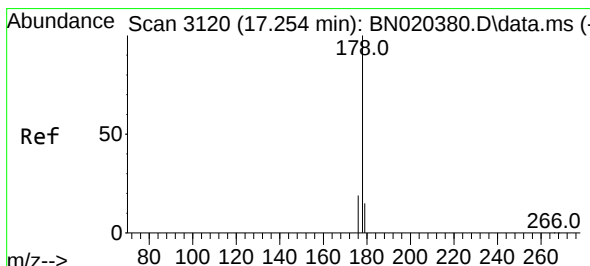
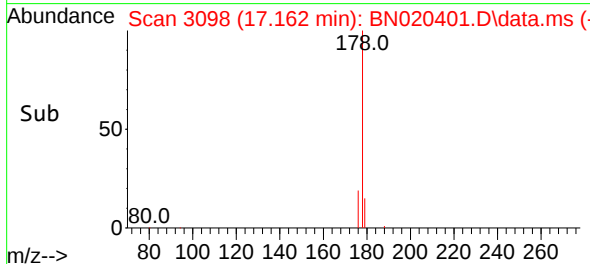
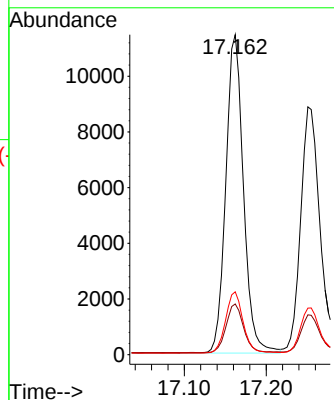
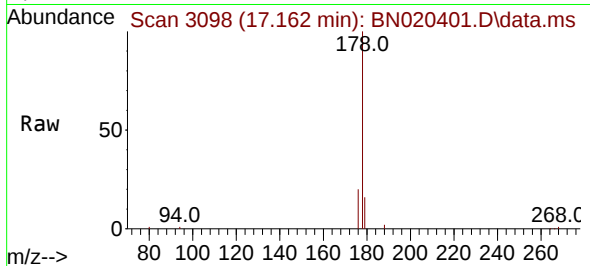




#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 17.162 min Scan# 3098
Delta R.T. 0.001 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

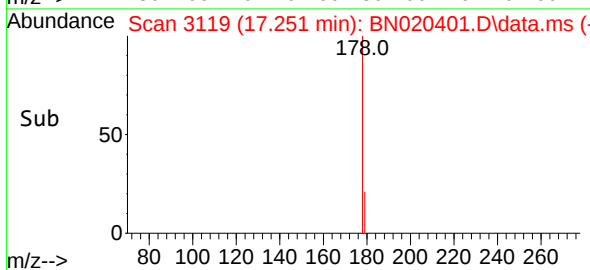
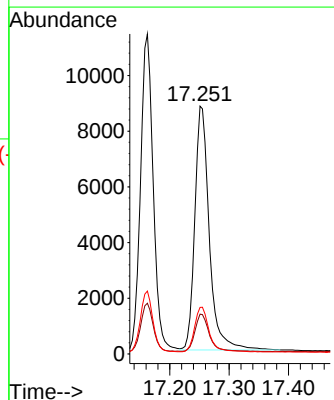
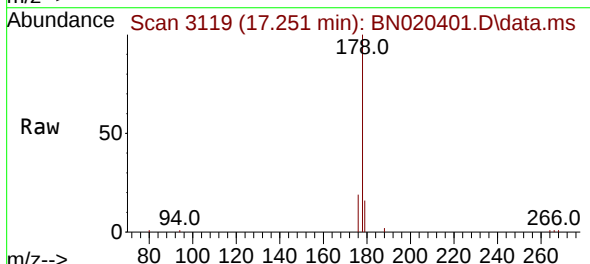
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BNA_N
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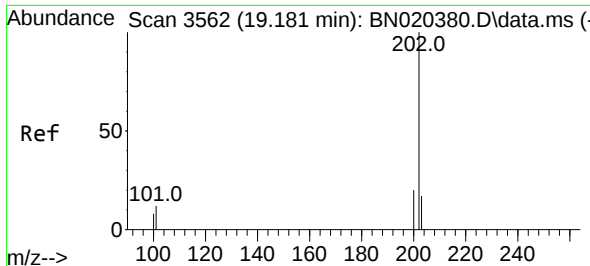
Tgt Ion:178 Resp: 17092
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.358 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

Tgt Ion:178 Resp: 14853
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 18.8 15.2 22.8

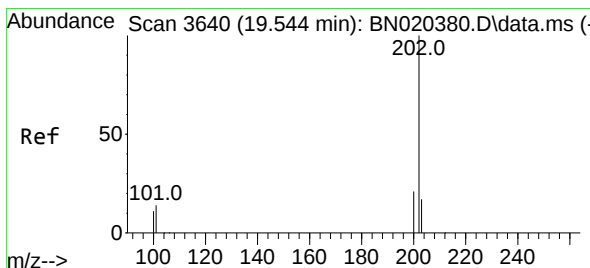
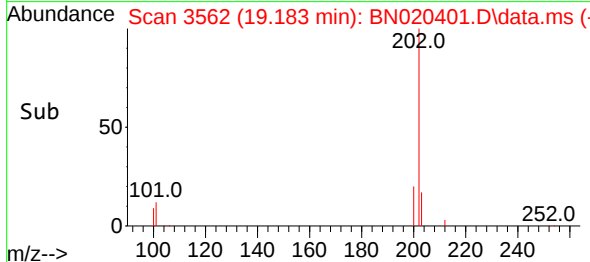
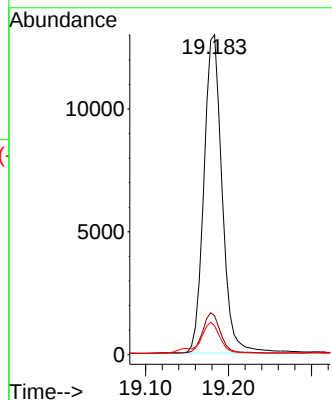
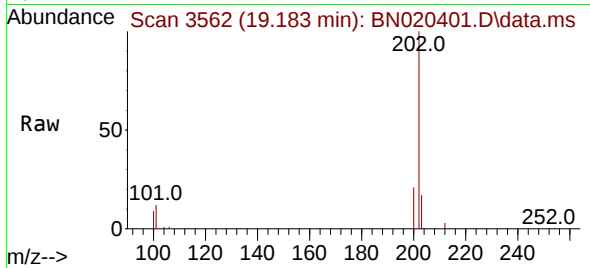




#19
Fluoranthene
Concen: 0.349 ng/ul
RT: 19.183 min Scan# 3562
Delta R.T. 0.002 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

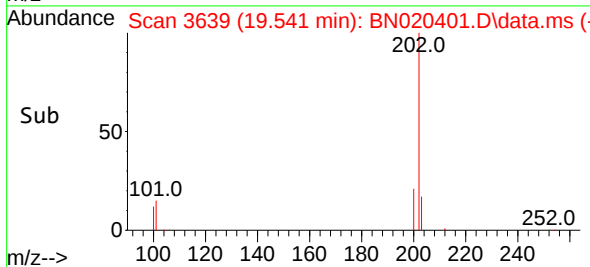
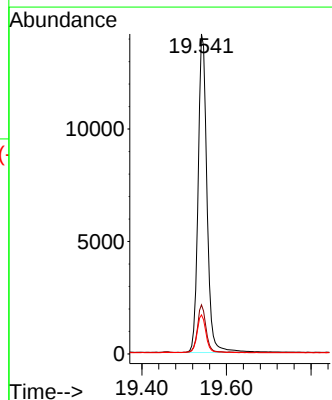
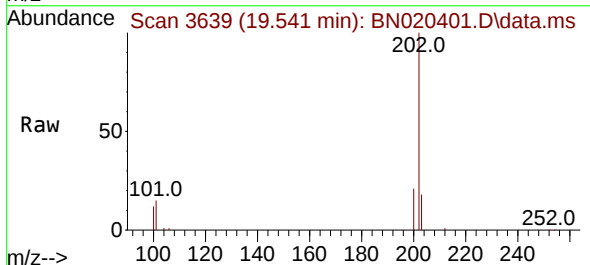
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BNA_N
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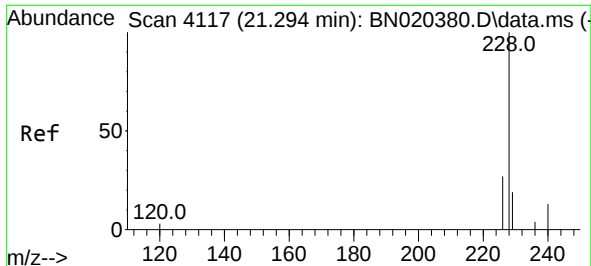
Tgt Ion:202 Resp: 19762
Ion Ratio Lower Upper
202 100
101 12.1 10.3 15.5
100 9.0 7.8 11.6



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.541 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

Tgt Ion:202 Resp: 20642
Ion Ratio Lower Upper
202 100
101 15.3 11.6 17.4
100 12.2 9.2 13.8

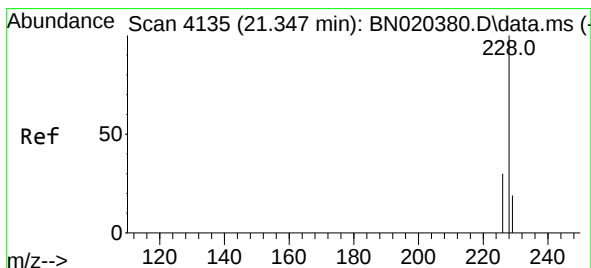
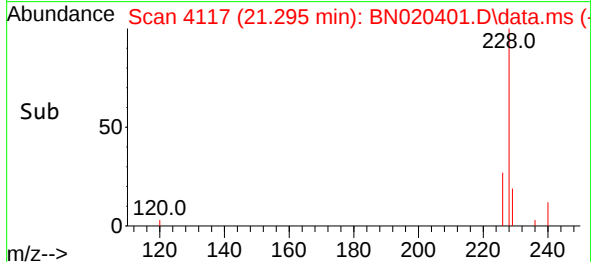
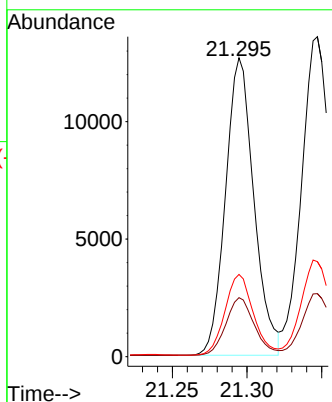
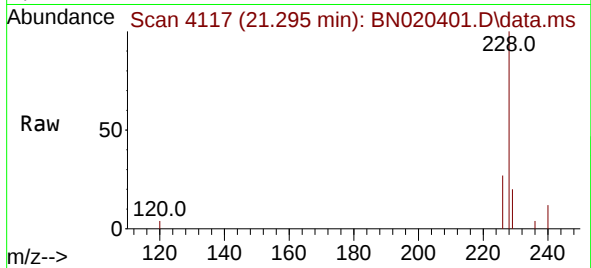




#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.295 min Scan# 4117
Delta R.T. 0.000 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

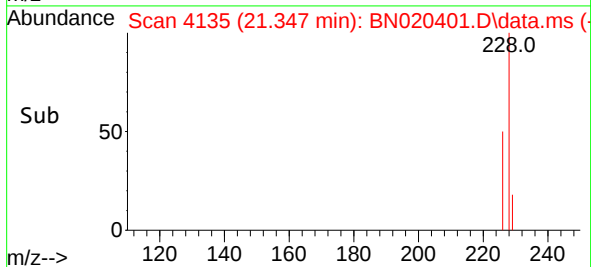
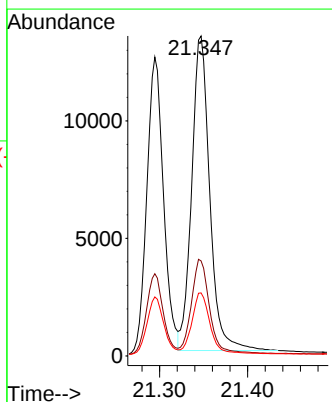
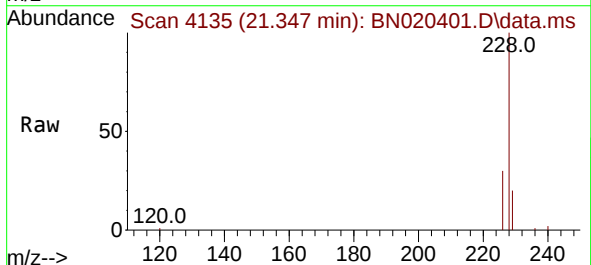
Instrument :
BNA_N
ClientSampleId :

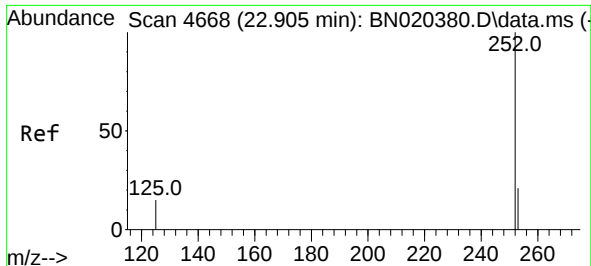
Tgt Ion:228 Resp: 16761
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.347 min Scan# 4135
Delta R.T. 0.000 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

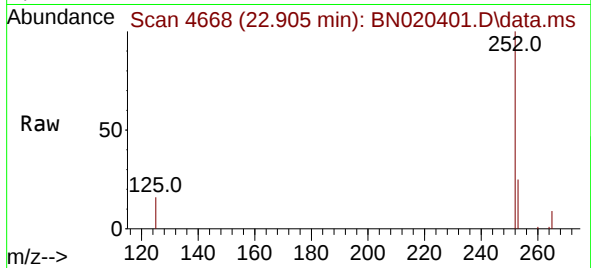
Tgt Ion:228 Resp: 19076
Ion Ratio Lower Upper
228 100
226 29.7 23.9 35.9
229 19.7 15.8 23.8



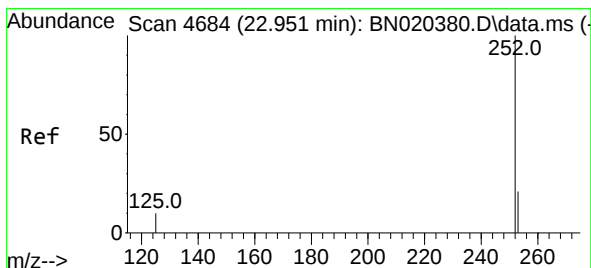
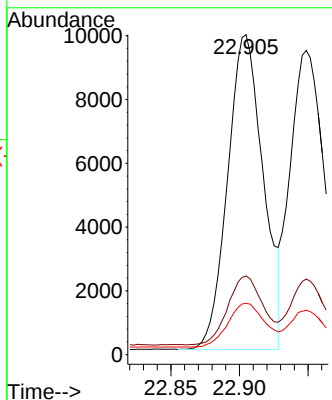


#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 22.905 min Scan# 4668
Delta R.T. 0.000 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

Instrument :
BNA_N
ClientSampleId :

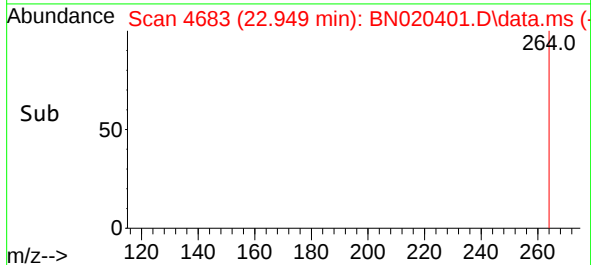
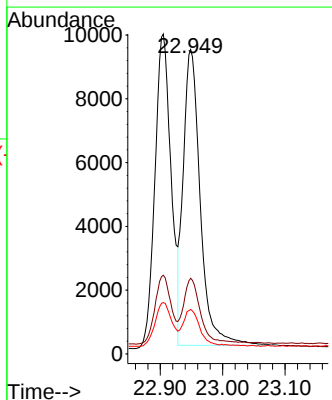
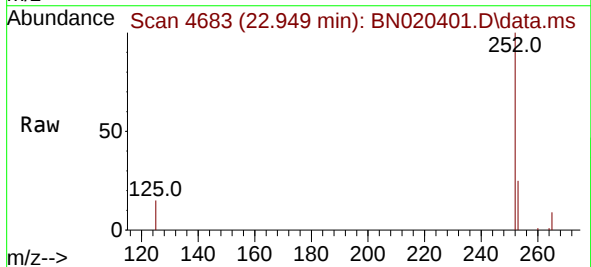


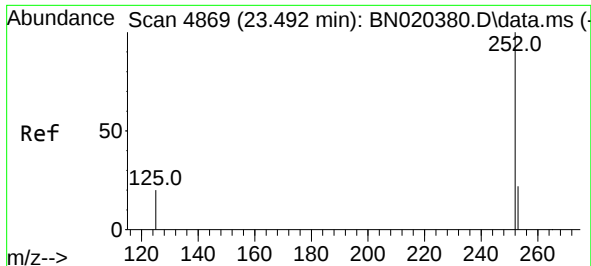
Tgt Ion:252 Resp: 17825
Ion Ratio Lower Upper
252 100
253 24.6 0.0 48.6
125 16.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 22.949 min Scan# 4683
Delta R.T. -0.003 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

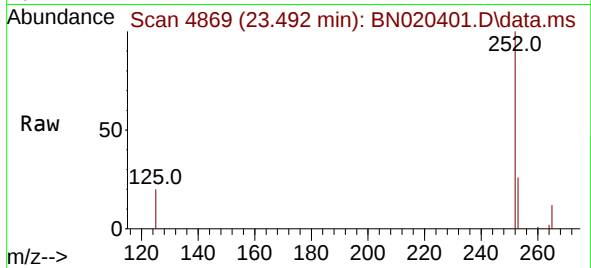
Tgt Ion:252 Resp: 17634
Ion Ratio Lower Upper
252 100
253 24.9 19.7 29.5
125 14.6 12.0 18.0



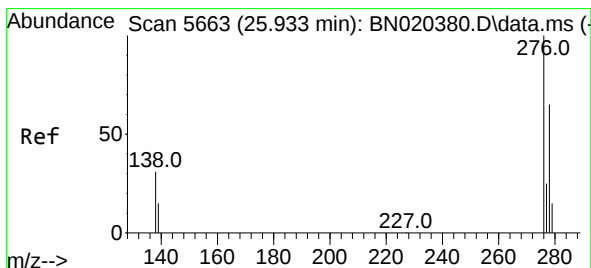
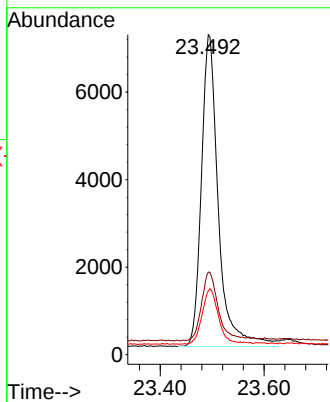
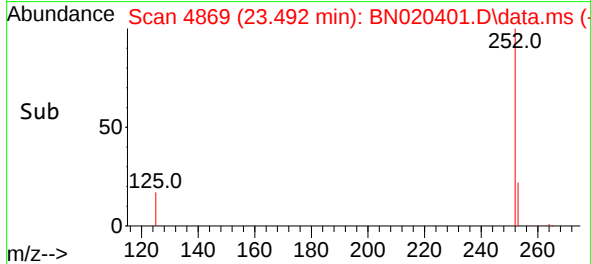


#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.492 min Scan# 4869
Delta R.T. 0.000 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

Instrument :
BNA_N
ClientSampleId :

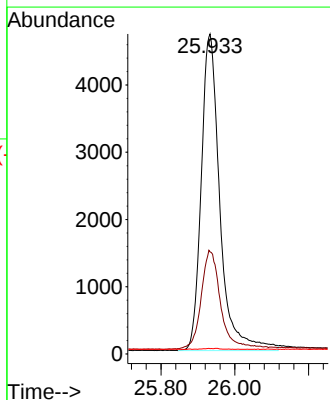
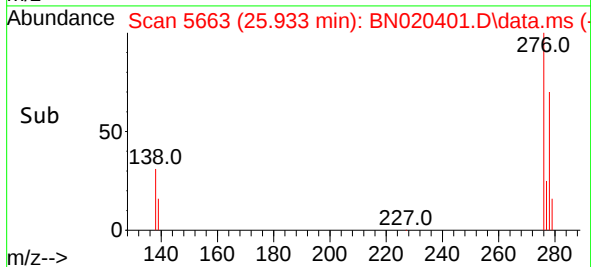
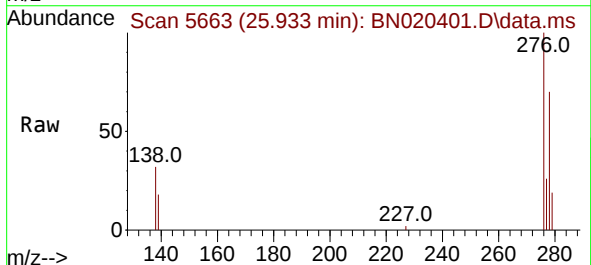


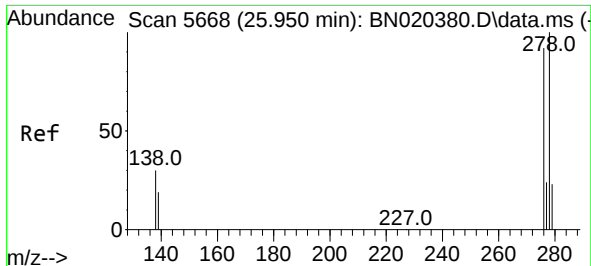
Tgt Ion:252 Resp: 16154
Ion Ratio Lower Upper
252 100
253 25.8 21.0 31.4
125 19.9 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng/ul
RT: 25.933 min Scan# 5663
Delta R.T. 0.000 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

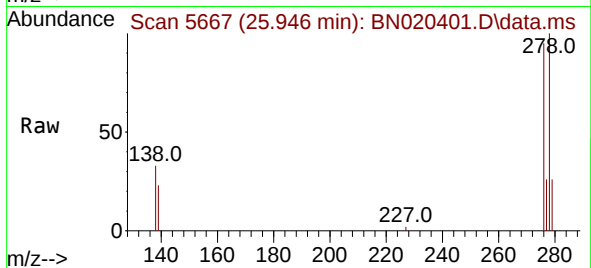
Tgt Ion:276 Resp: 16493
Ion Ratio Lower Upper
276 100
138 32.7 27.4 41.2
227 0.2 0.2 0.2



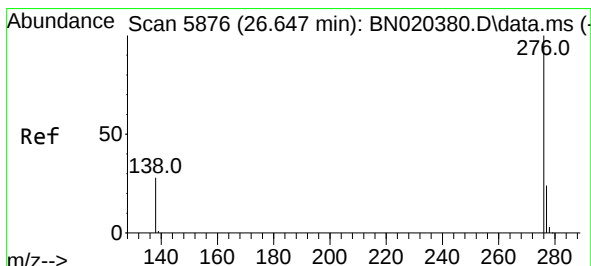
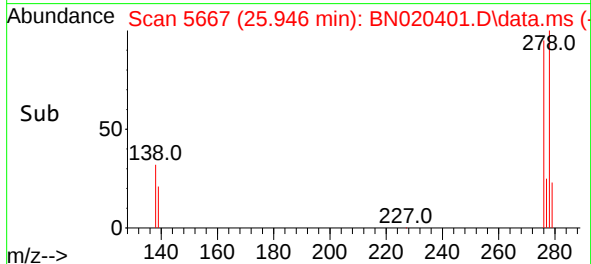
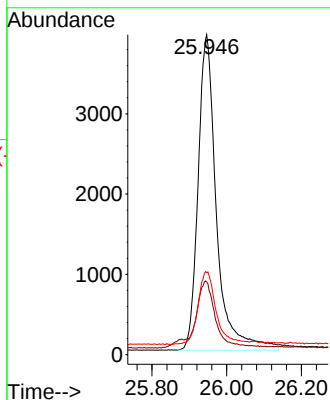


#28
Dibenzo(a,h)anthracene
Concen: 0.396 ng/ul
RT: 25.946 min Scan# 5667
Delta R.T. -0.003 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 13400
Ion Ratio Lower Upper
278 100
139 22.8 18.8 28.2
279 25.7 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 26.647 min Scan# 5876
Delta R.T. 0.000 min
Lab File: BN020401.D
Acq: 24 Jun 2022 17:15

Tgt Ion:276 Resp: 14178
Ion Ratio Lower Upper
276 100
138 29.2 23.5 35.3
277 24.9 20.1 30.1

