

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020425.D
 Acq On : 25 Jun 2022 08:59
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 27 03:42:00 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)

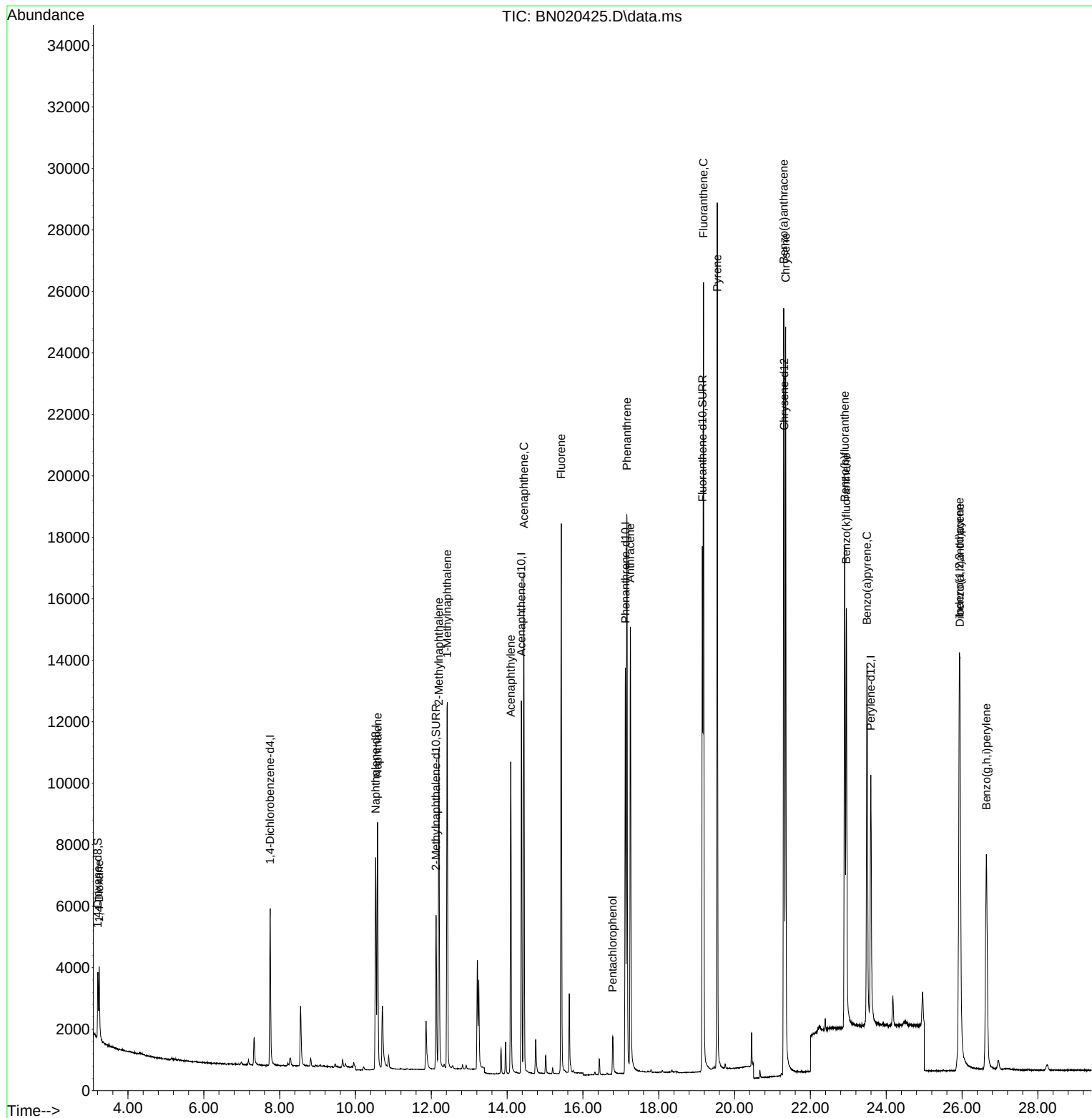
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	3016	0.400	ng/ul	0.00
4) Naphthalene-d8	10.535	136	10115	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.377	164	6932	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	15868	0.400	ng/ul	0.00
17) Chrysene-d12	21.309	240	14168	0.400	ng/ul	0.00
23) Perylene-d12	23.592	264	11716	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	1474	0.422	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.124	152	7281	0.439	ng/ul	0.00
18) Fluoranthene-d10	19.151	212	19139	0.410	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	1425	0.399	ng/ul	94
5) Naphthalene	10.584	128	11980	0.384	ng/ul	99
7) 2-Methylnaphthalene	12.201	142	8156	0.390	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	8770	0.443	ng/ul	100
10) Acenaphthylene	14.095	152	12702	0.387	ng/ul	100
11) Acenaphthene	14.442	153	9901	0.376	ng/ul	99
12) Fluorene	15.427	166	11790	0.378	ng/ul	99
14) Pentachlorophenol	16.787	266	1053	0.329	ng/ul	98
15) Phenanthrene	17.158	178	20415	0.370	ng/ul	100
16) Anthracene	17.251	178	18146	0.381	ng/ul	100
19) Fluoranthene	19.179	202	23377	0.361	ng/ul	99
20) Pyrene	19.541	202	25243	0.376	ng/ul	99
21) Benzo(a)anthracene	21.295	228	19582	0.385	ng/ul	99
22) Chrysene	21.347	228	21334	0.377	ng/ul	100
24) Benzo(b)fluoranthene	22.905	252	19407	0.358	ng/ul	99
25) Benzo(k)fluoranthene	22.946	252	19773	0.361	ng/ul	99
26) Benzo(a)pyrene	23.490	252	18433	0.374	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.930	276	18553	0.378	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.943	278	15014	0.379	ng/ul	100
29) Benzo(g,h,i)perylene	26.641	276	15897	0.378	ng/ul	99

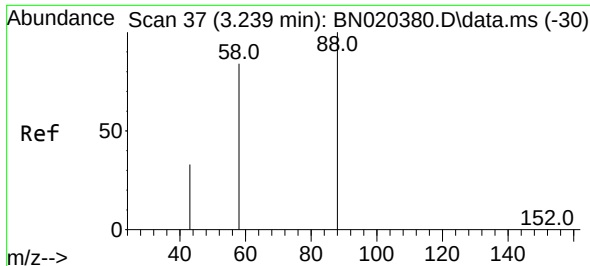
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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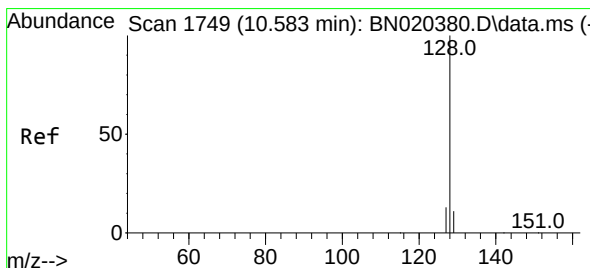
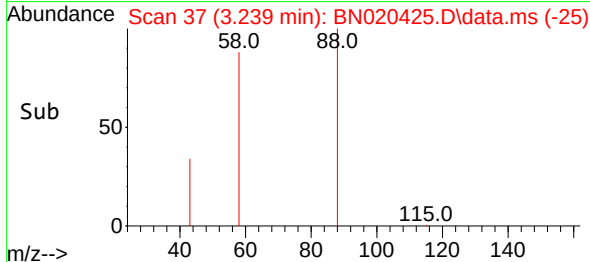
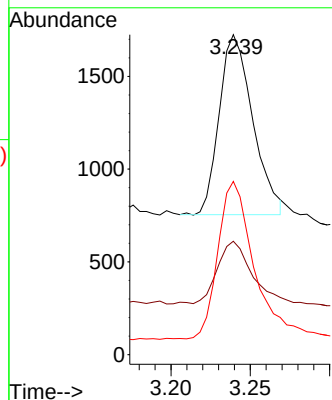
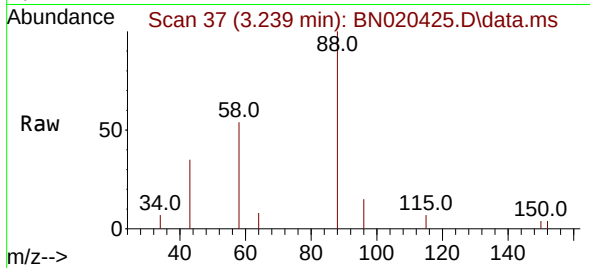




#2
1,4-Dioxane
Concen: 0.399 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

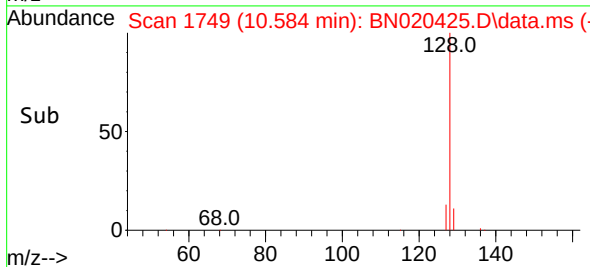
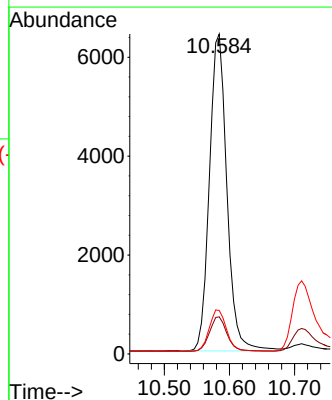
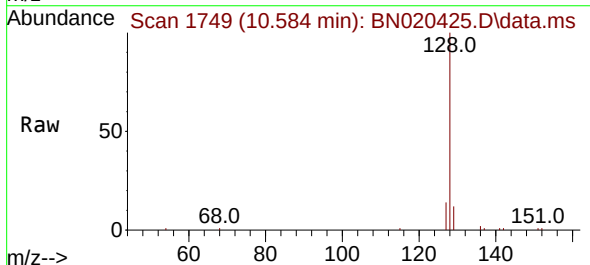
Instrument :
BNA_N
ClientSampleId :

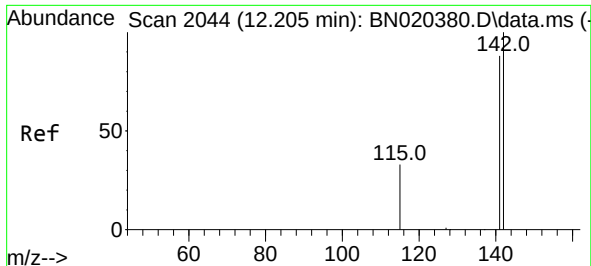
Tgt Ion: 88 Resp: 1425
Ion Ratio Lower Upper
88 100
43 35.4 32.5 48.7
58 54.1 46.2 69.2



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.584 min Scan# 1749
Delta R.T. 0.002 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

Tgt Ion:128 Resp: 11980
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.6 11.3 16.9

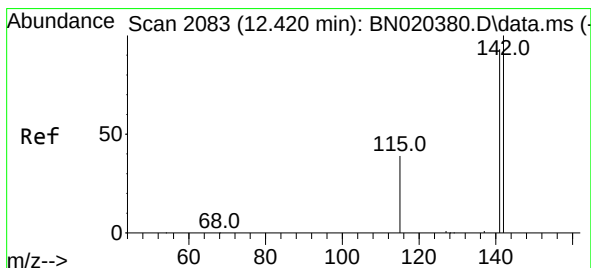
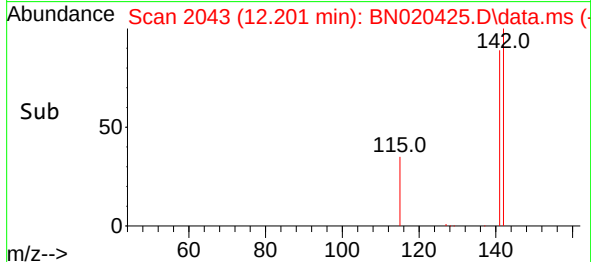
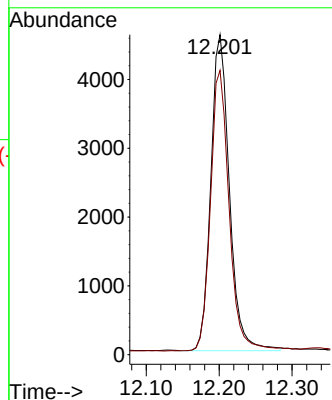
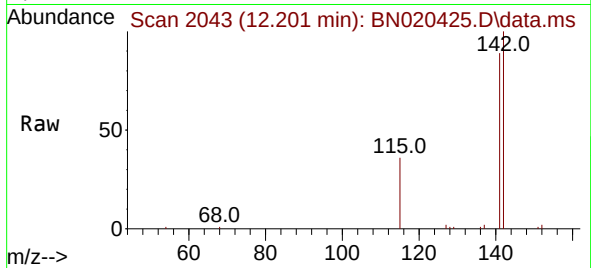




#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.201 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

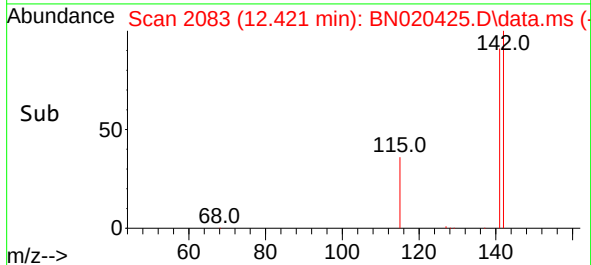
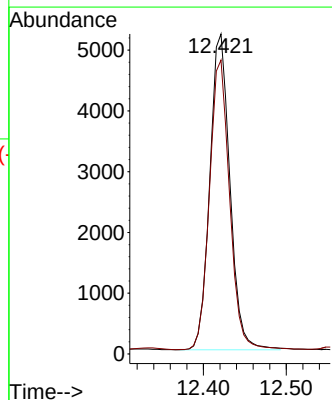
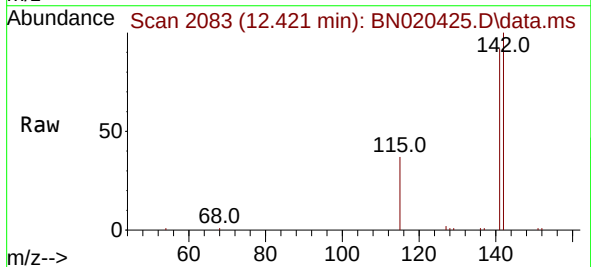
Instrument :
BNA_N
ClientSampleId :

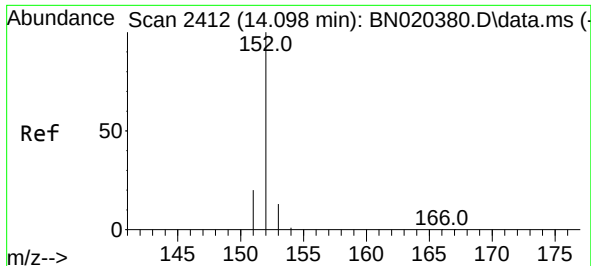
Tgt Ion:142 Resp: 8156
Ion Ratio Lower Upper
142 100
141 89.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.443 ng/ul
RT: 12.421 min Scan# 2083
Delta R.T. 0.002 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

Tgt Ion:142 Resp: 8770
Ion Ratio Lower Upper
142 100
141 91.7 73.7 110.5

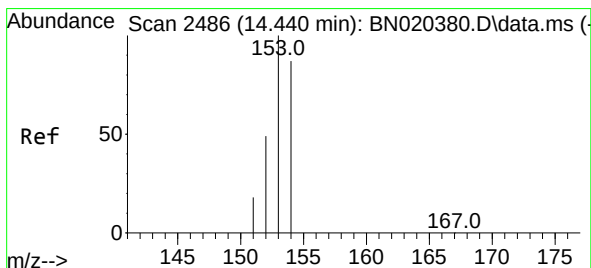
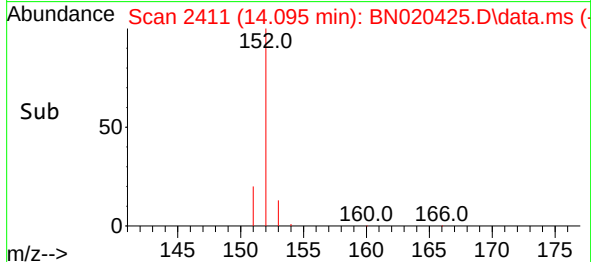
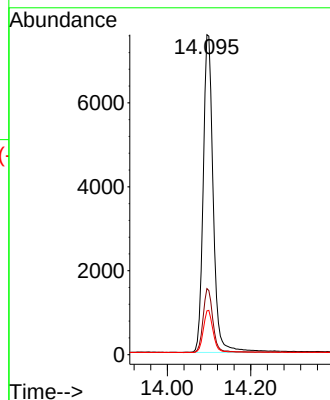
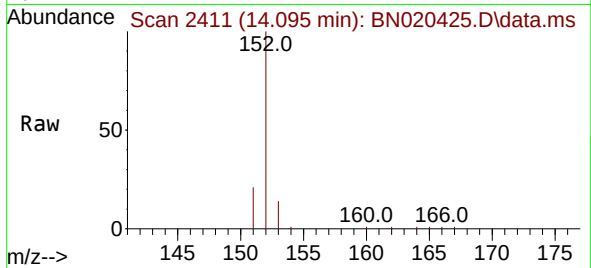




#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 14.095 min Scan# 2411
Delta R.T. -0.003 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

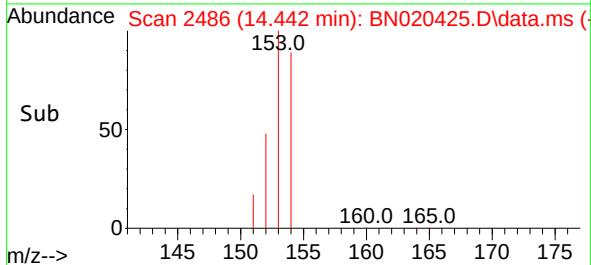
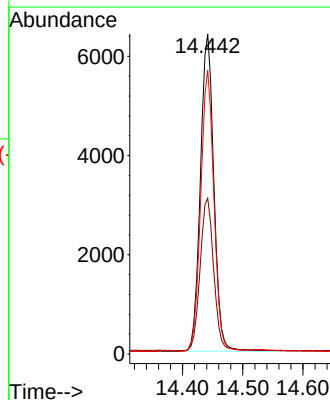
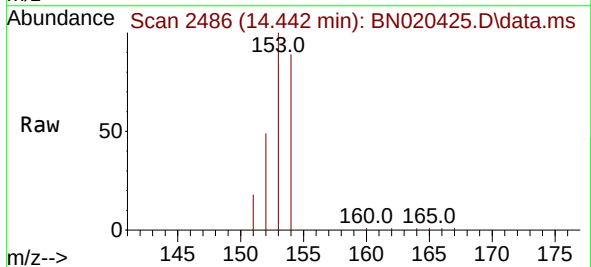
Instrument :
BNA_N
ClientSampleId :

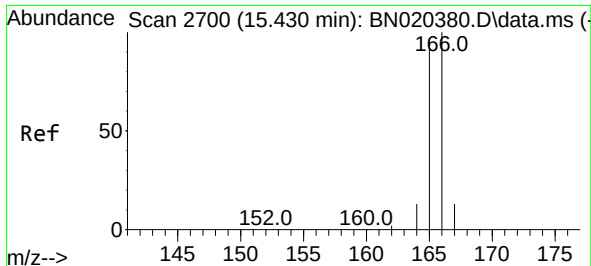
Tgt Ion:152 Resp: 12702
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.442 min Scan# 2486
Delta R.T. 0.002 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

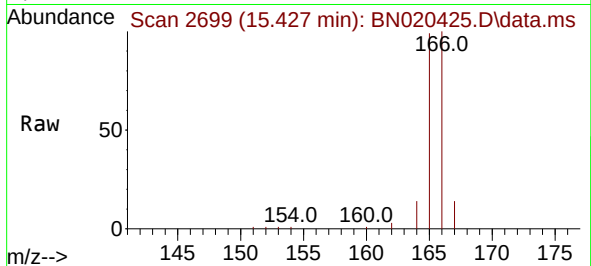
Tgt Ion:153 Resp: 9901
Ion Ratio Lower Upper
153 100
152 48.6 40.0 60.0
154 88.6 70.0 105.0



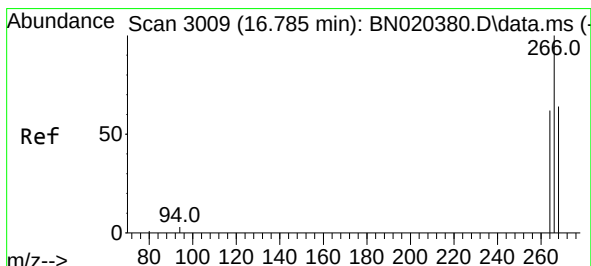
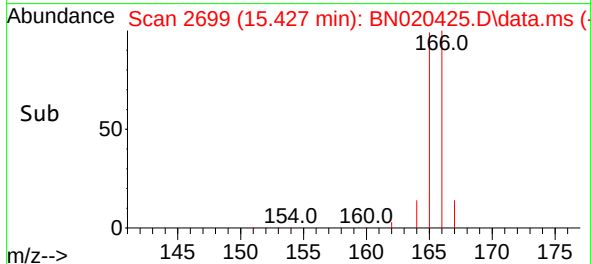
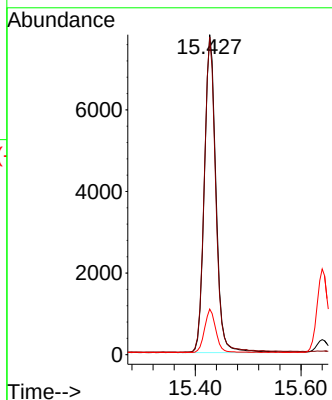


#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.427 min Scan# 2699
Delta R.T. -0.003 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

Instrument :
BNA_N
ClientSampleId :

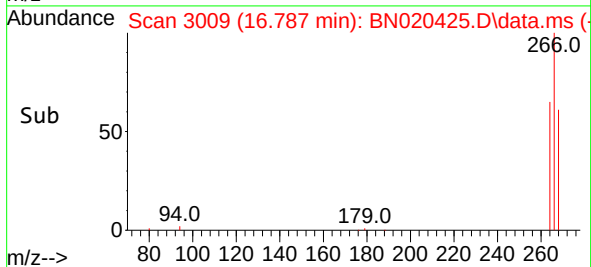
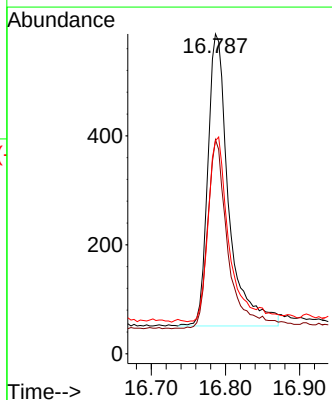
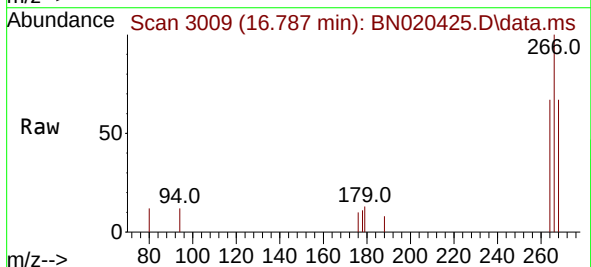


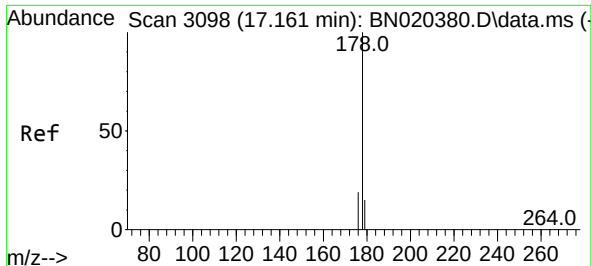
Tgt Ion:166 Resp: 11790
Ion Ratio Lower Upper
166 100
165 99.2 78.2 117.2
167 14.3 11.3 16.9



#14
Pentachlorophenol
Concen: 0.329 ng/ul
RT: 16.787 min Scan# 3009
Delta R.T. 0.002 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

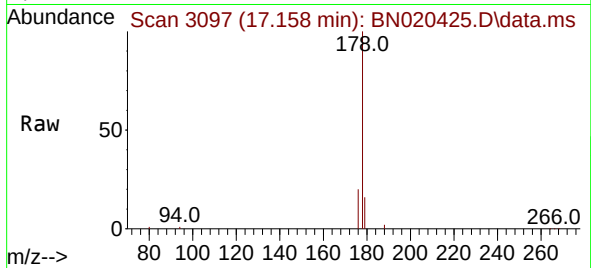
Tgt Ion:266 Resp: 1053
Ion Ratio Lower Upper
266 100
264 63.0 51.6 77.4
268 63.5 51.5 77.3



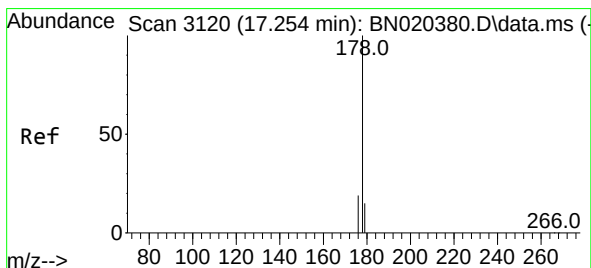
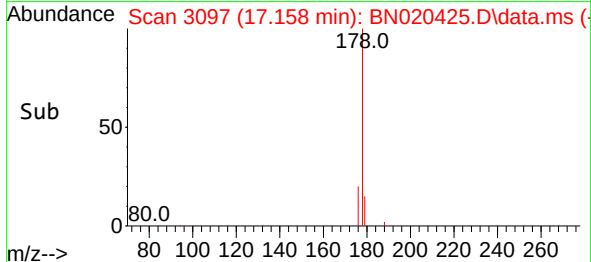
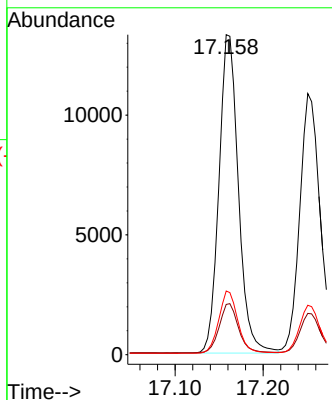


#15
Phenanthrene
Concen: 0.370 ng/ul
RT: 17.158 min Scan# 3097
Delta R.T. -0.003 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

Instrument :
BNA_N
ClientSampleId :

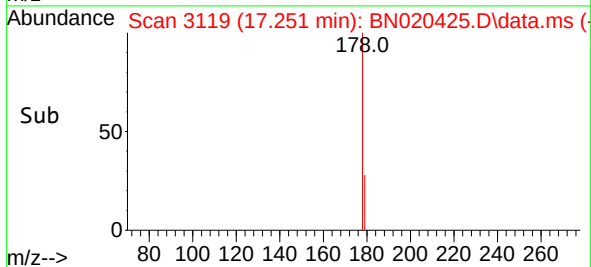
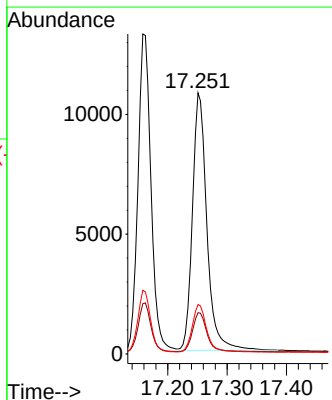
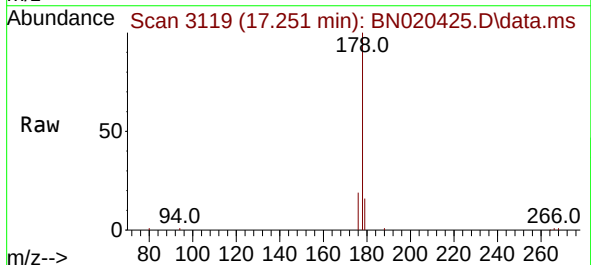


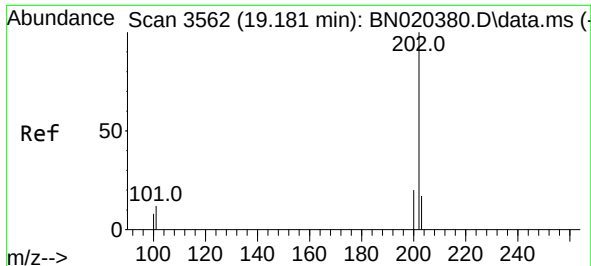
Tgt Ion:178 Resp: 20415
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.9 15.8 23.6



#16
Anthracene
Concen: 0.381 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

Tgt Ion:178 Resp: 18146
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 18.9 15.2 22.8

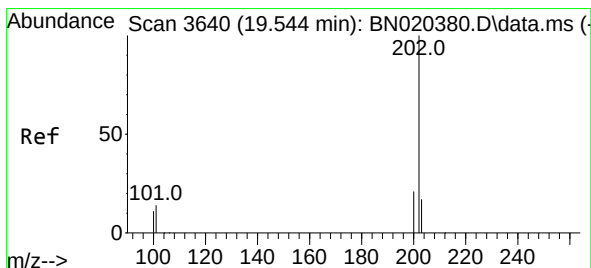
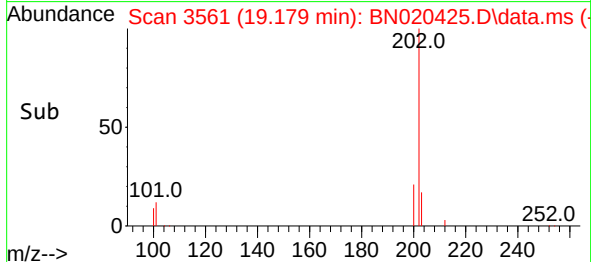
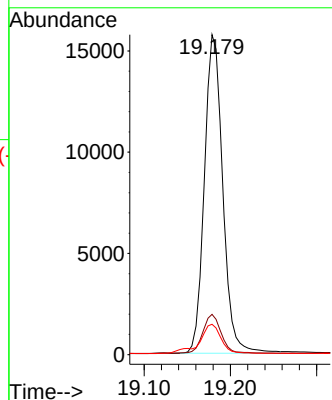
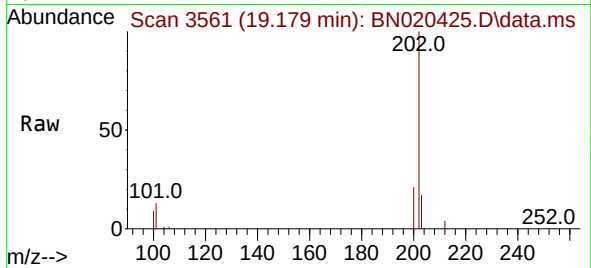




#19
Fluoranthene
Concen: 0.361 ng/u1
RT: 19.179 min Scan# 3561
Delta R.T. -0.003 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

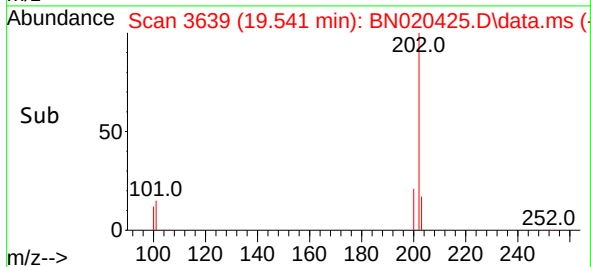
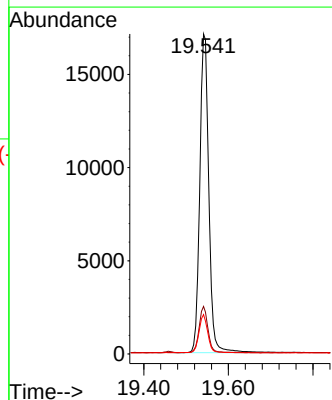
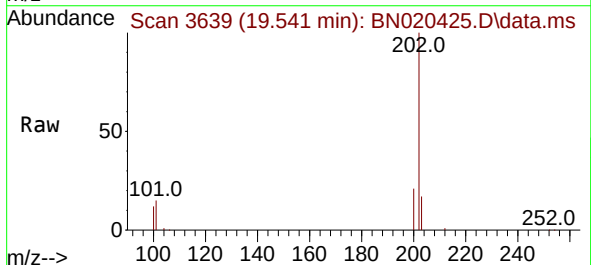
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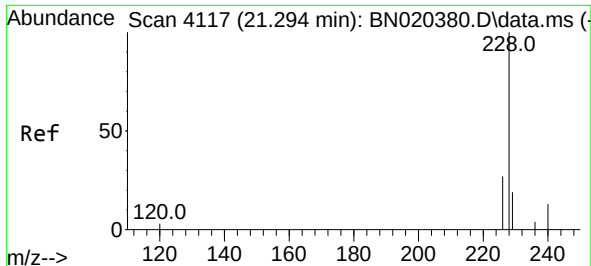
Tgt Ion:202 Resp: 23377
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.5 7.8 11.6



#20
Pyrene
Concen: 0.376 ng/u1
RT: 19.541 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

Tgt Ion:202 Resp: 25243
Ion Ratio Lower Upper
202 100
101 14.9 11.6 17.4
100 12.3 9.2 13.8

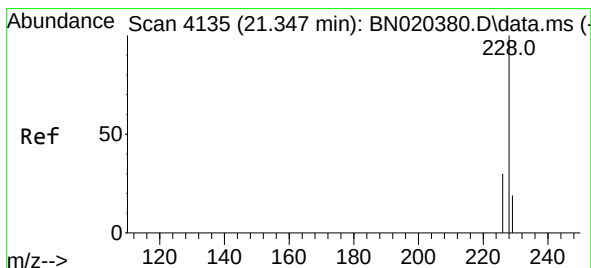
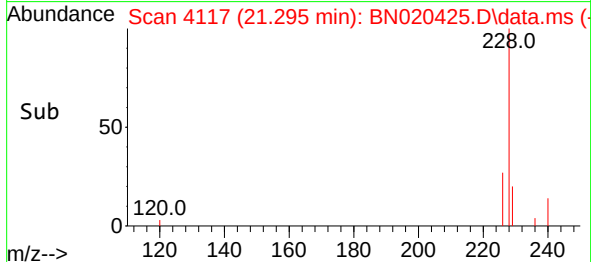
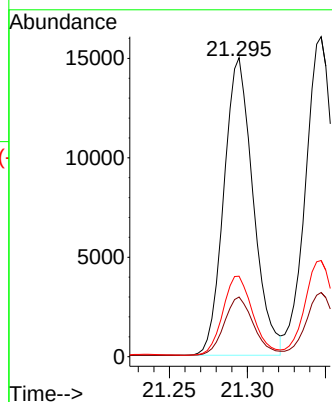
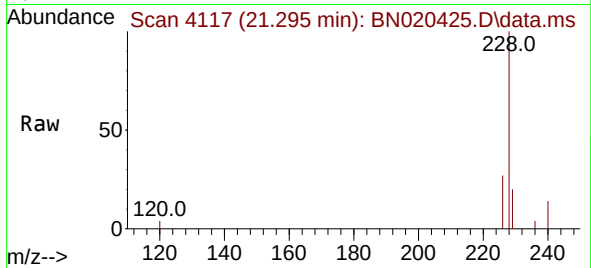




#21
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.295 min Scan# 4117
Delta R.T. 0.000 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

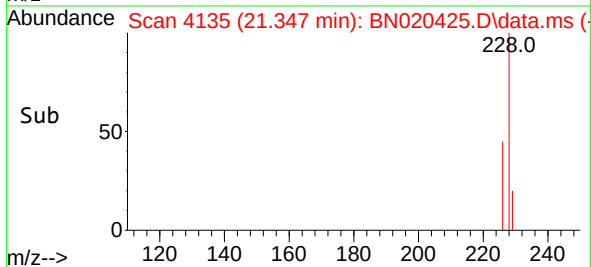
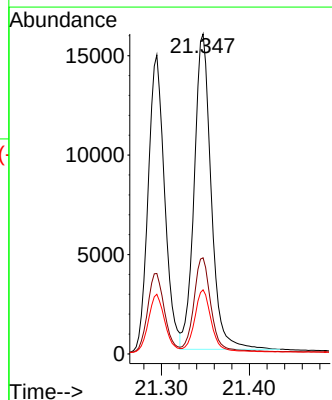
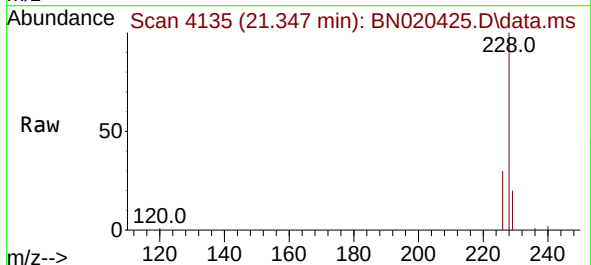
Instrument :
BNA_N
ClientSampleId :

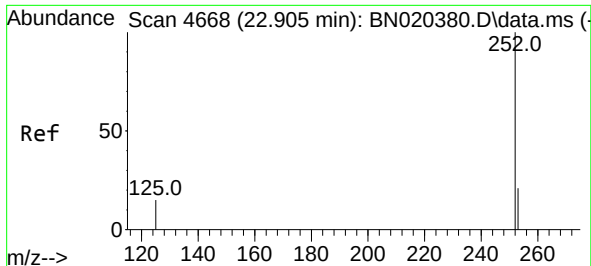
Tgt Ion:228 Resp: 19582
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 26.9 22.2 33.2



#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.347 min Scan# 4135
Delta R.T. 0.000 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

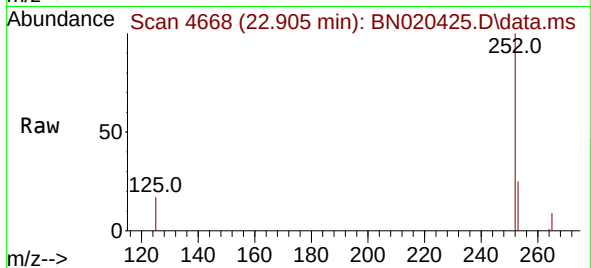
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Ion Ratio Lower Upper
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226 30.0 23.9 35.9
229 20.1 15.8 23.8



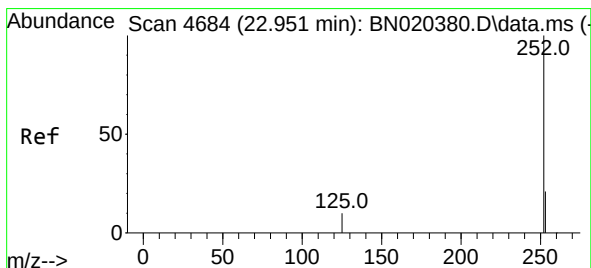
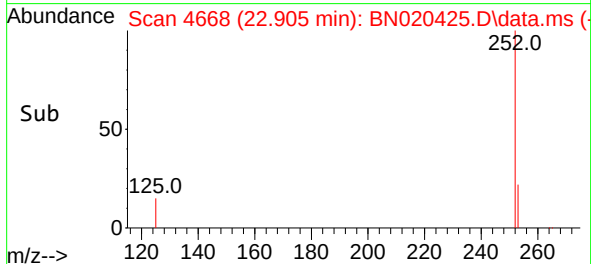
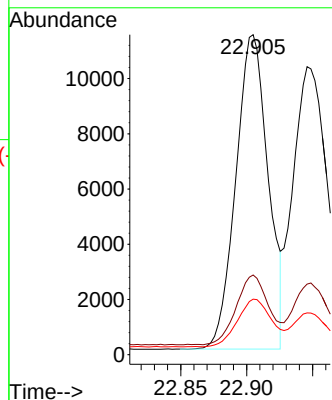


#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul
RT: 22.905 min Scan# 4668
Delta R.T. 0.000 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

Instrument :
BNA_N
ClientSampleId :

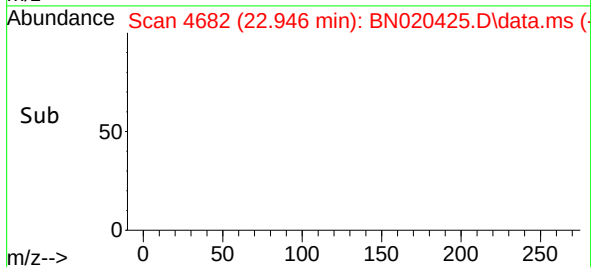
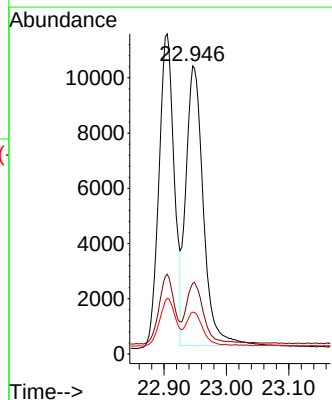
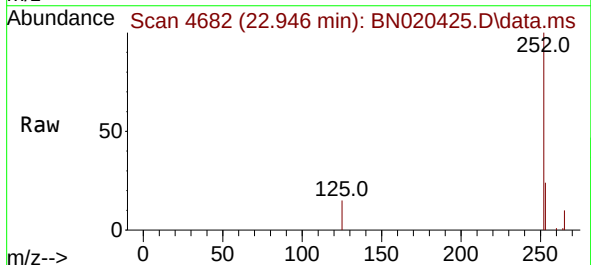


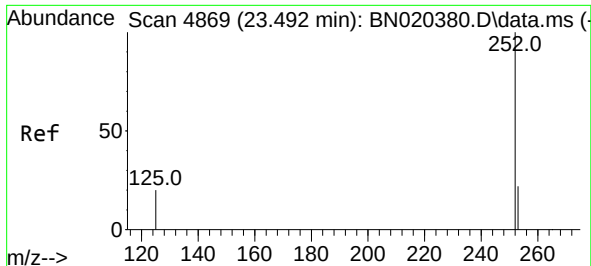
Tgt Ion:252 Resp: 19407
Ion Ratio Lower Upper
252 100
253 24.9 0.0 48.6
125 17.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 22.946 min Scan# 4682
Delta R.T. -0.006 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

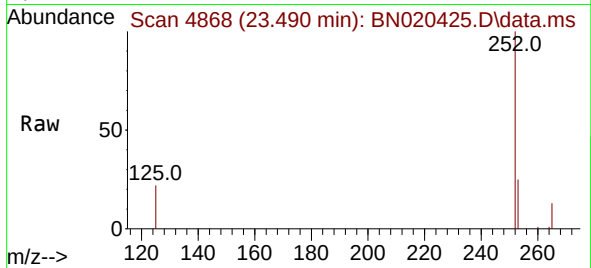
Tgt Ion:252 Resp: 19773
Ion Ratio Lower Upper
252 100
253 24.5 19.7 29.5
125 14.5 12.0 18.0



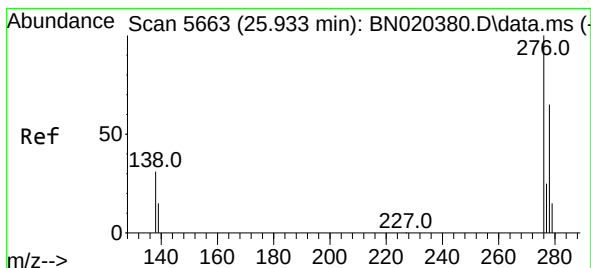
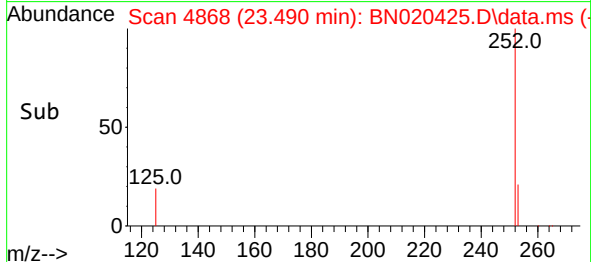
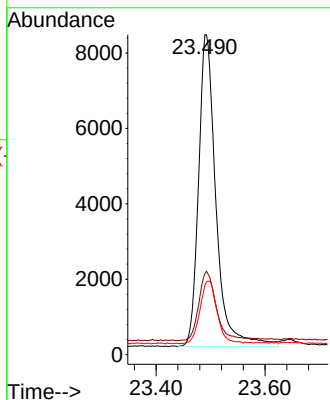


#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.490 min Scan# 4869
Delta R.T. -0.003 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

Instrument :
BNA_N
ClientSampleId :

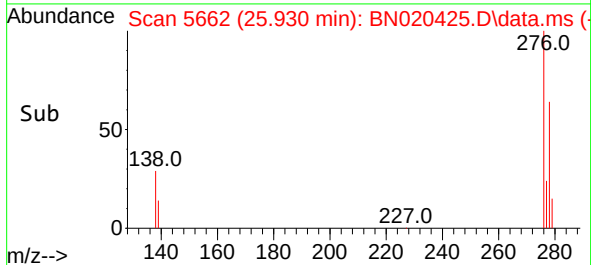
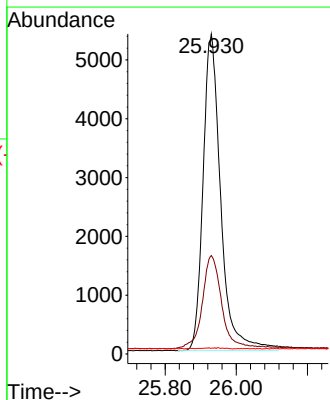
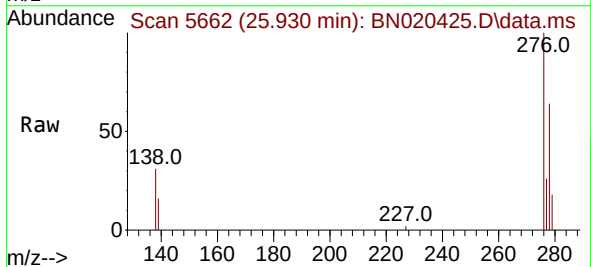


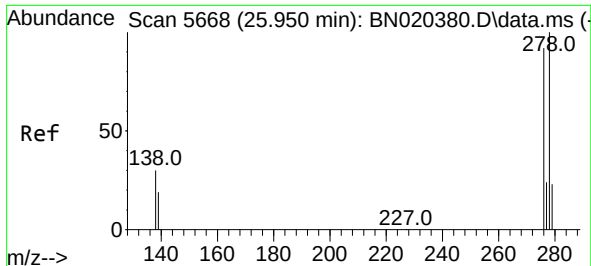
Tgt Ion:252 Resp: 18433
Ion Ratio Lower Upper
252 100
253 25.4 21.0 31.4
125 21.7 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/ul
RT: 25.930 min Scan# 5662
Delta R.T. -0.003 min
Lab File: BN020425.D
Acq: 25 Jun 2022 08:59

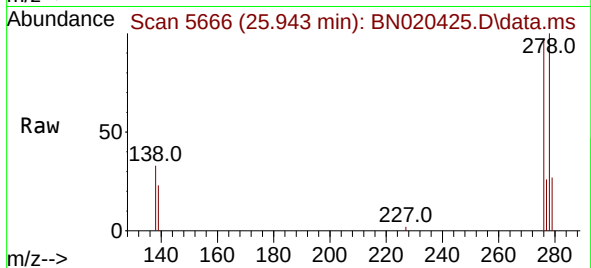
Tgt Ion:276 Resp: 18553
Ion Ratio Lower Upper
276 100
138 32.6 27.4 41.2
227 0.1 0.2 0.2#



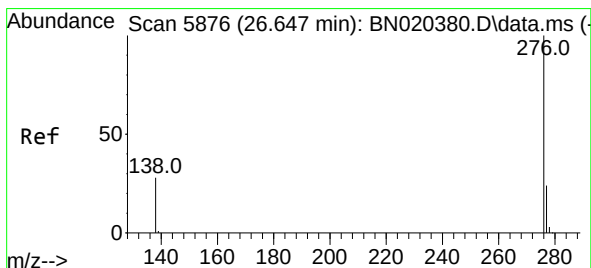
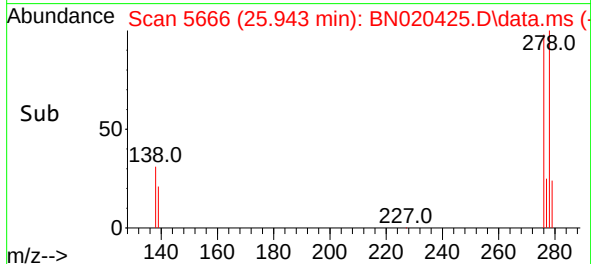
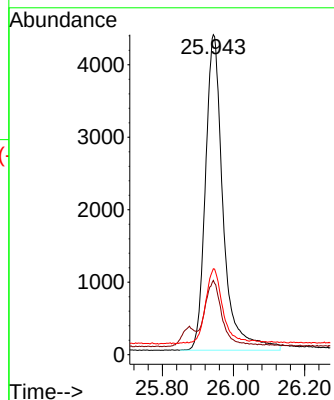


#28
 Dibenzo(a,h)anthracene
 Concen: 0.379 ng/ul
 RT: 25.943 min Scan# 5666
 Delta R.T. -0.006 min
 Lab File: BN020425.D
 Acq: 25 Jun 2022 08:59

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 15014
 Ion Ratio Lower Upper
 278 100
 139 23.2 18.8 28.2
 279 26.9 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.378 ng/ul
 RT: 26.641 min Scan# 5874
 Delta R.T. -0.006 min
 Lab File: BN020425.D
 Acq: 25 Jun 2022 08:59

Tgt Ion:276 Resp: 15897
 Ion Ratio Lower Upper
 276 100
 138 28.5 23.5 35.3
 277 25.2 20.1 30.1

