

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020380.D
 Acq On : 23 Jun 2022 20:24
 Operator : CG/JU
 Sample : SST0.411
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4211

Quant Time: Jun 24 00:03:26 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 : Thu Jun 23 23:59:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

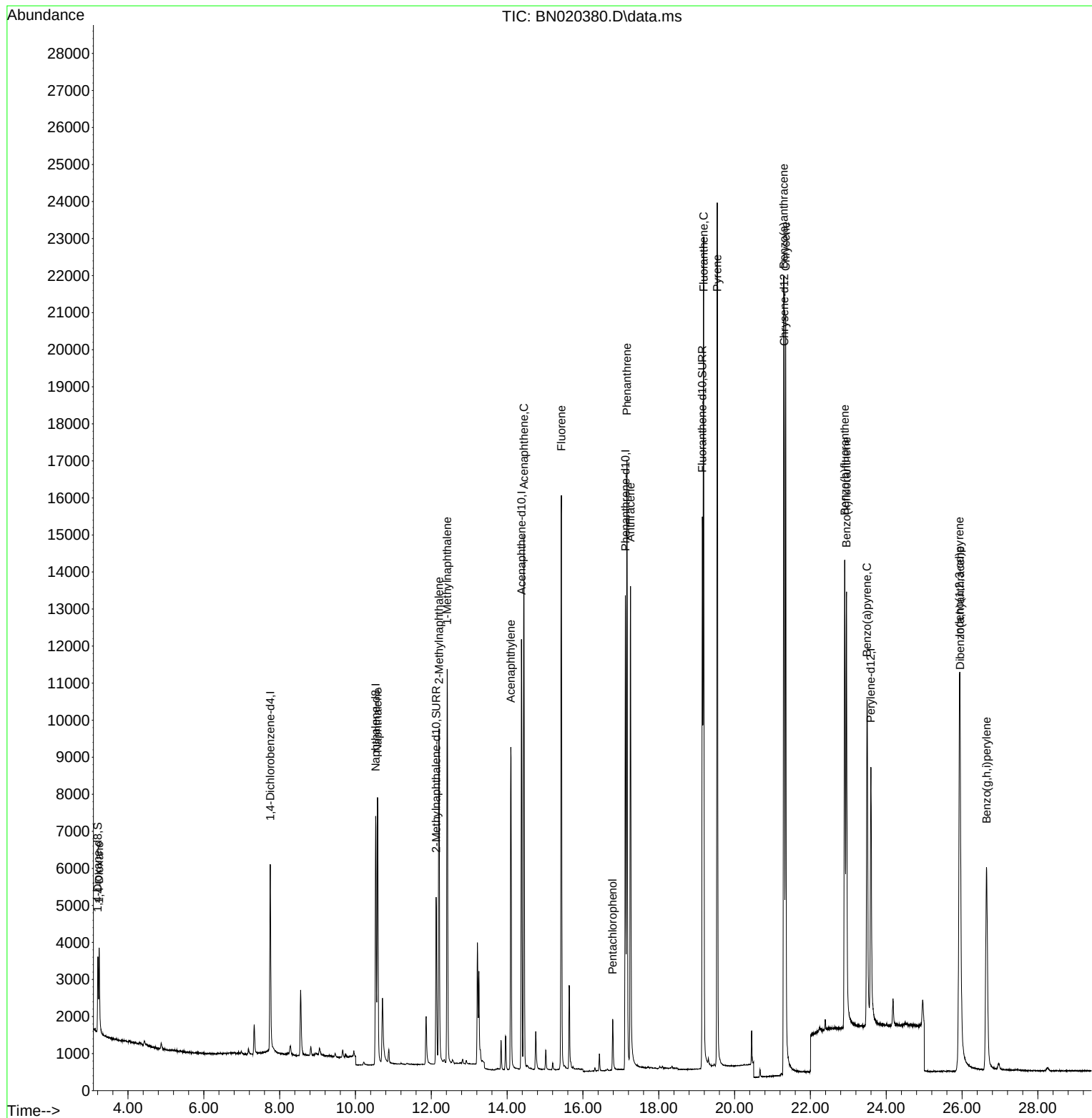
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	3003	0.400	ng/ul	0.00
4) Naphthalene-d8	10.533	136	9785	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.380	164	6571	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.119	188	15259	0.400	ng/ul	0.00
17) Chrysene-d12	21.309	240	13271	0.400	ng/ul	0.00
23) Perylene-d12	23.595	264	10109	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	1416	0.413	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.128	152	6448	0.398	ng/ul	0.00
18) Fluoranthene-d10	19.149	212	16832	0.614	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	1402	0.425	ng/ul	100
5) Naphthalene	10.583	128	10611	0.339	ng/ul	100
7) 2-Methylnaphthalene	12.205	142	7154	0.353	ng/ul	100
8) 1-Methylnaphthalene	12.420	142	7713	0.387	ng/ul	100
10) Acenaphthylene	14.098	152	10859	0.346	ng/ul	100
11) Acenaphthene	14.440	153	8766	0.292	ng/ul	100
12) Fluorene	15.430	166	10434	0.335	ng/ul	100
14) Pentachlorophenol	16.785	266	1050	0.358	ng/ul	100
15) Phenanthrene	17.161	178	18438	0.334	ng/ul	100
16) Anthracene	17.254	178	15830	0.339	ng/ul	100
19) Fluoranthene	19.181	202	20613	0.385	ng/ul	100
20) Pyrene	19.544	202	21519	0.371	ng/ul	100
21) Benzo(a)anthracene	21.294	228	16370	0.318	ng/ul	100
22) Chrysene	21.347	228	18622	0.290	ng/ul	100
24) Benzo(b)fluoranthene	22.905	252	16512	0.229	ng/ul	100
25) Benzo(k)fluoranthene	22.951	252	16470	0.245	ng/ul	100
26) Benzo(a)pyrene	23.492	252	14885	0.325	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.933	276	14799	0.199	ng/ul	100
28) Dibenzo(a,h)anthracene	25.950	278	12005	0.202	ng/ul	100
29) Benzo(g,h,i)perylene	26.647	276	12767	0.194	ng/ul	100

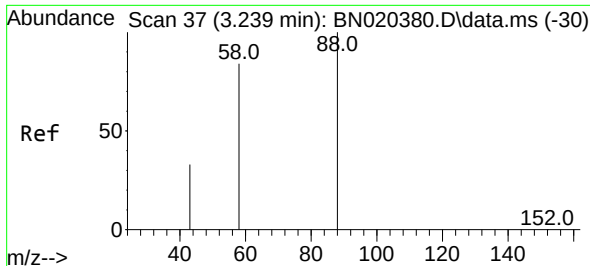
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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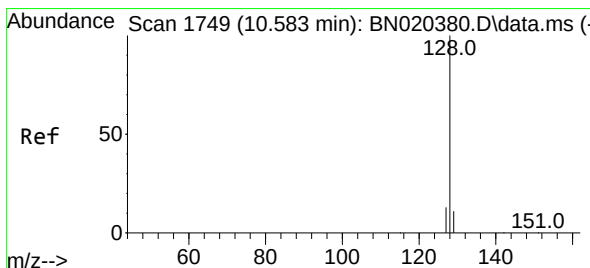
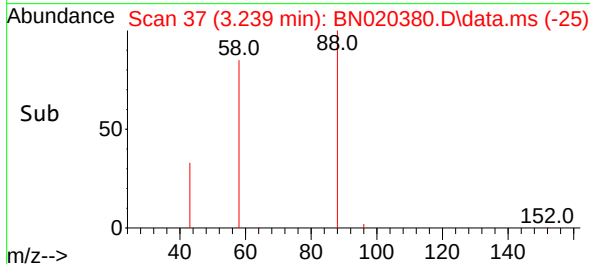
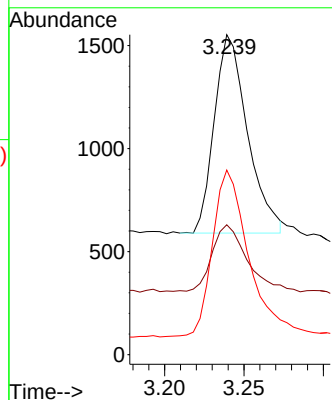
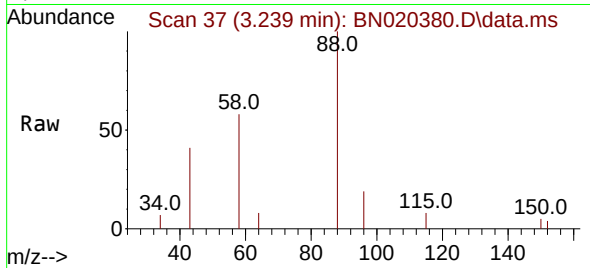




#2
 1,4-Dioxane
 Concen: 0.425 ng/ul
 RT: 3.239 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN020380.D
 Acq: 23 Jun 2022 20:24

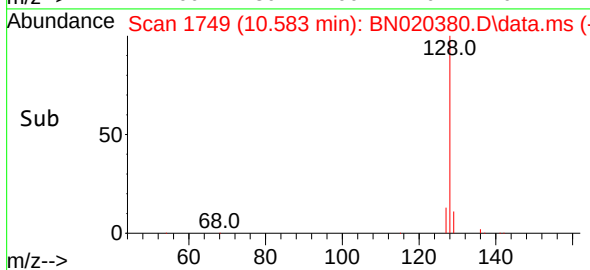
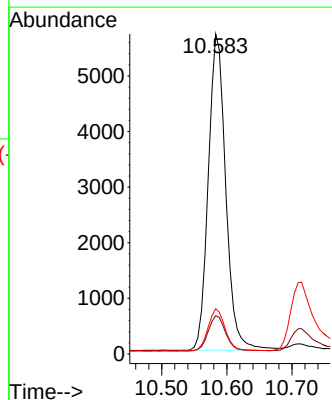
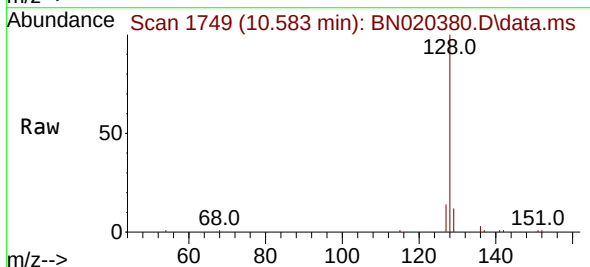
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4211

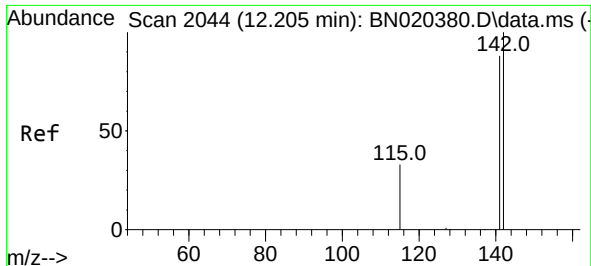
Tgt Ion: 88 Resp: 1402
 Ion Ratio Lower Upper
 88 100
 43 40.6 32.5 48.7
 58 57.7 46.2 69.2



#5
 Naphthalene
 Concen: 0.339 ng/ul
 RT: 10.583 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: BN020380.D
 Acq: 23 Jun 2022 20:24

Tgt Ion: 128 Resp: 10611
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.5 14.3
 127 14.1 11.3 16.9

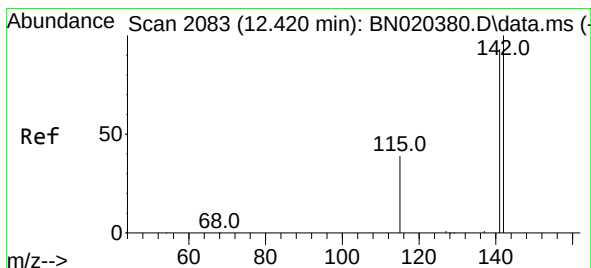
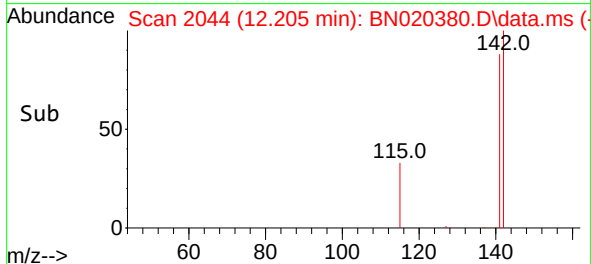
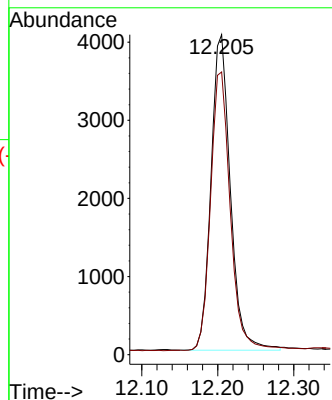
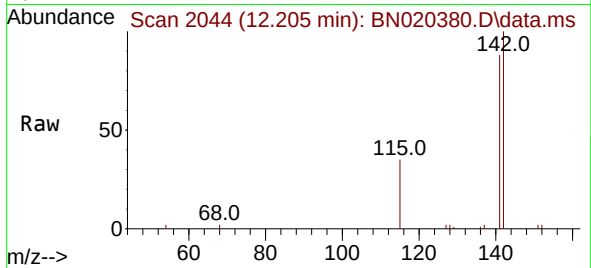




#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.205 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

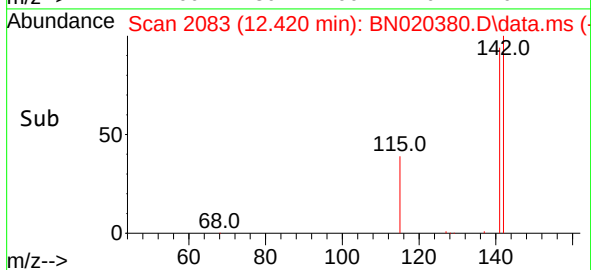
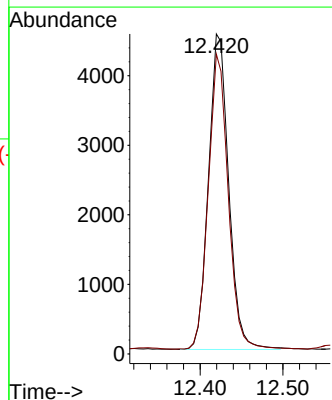
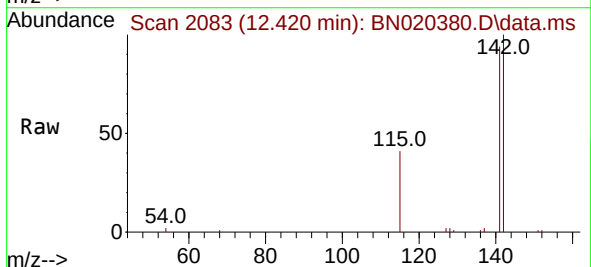
Instrument :
BNA_N
ClientSampleId :
SSTD0.4211

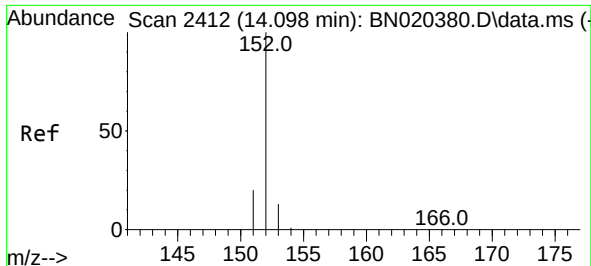
Tgt Ion:142 Resp: 7154
Ion Ratio Lower Upper
142 100
141 90.1 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

Tgt Ion:142 Resp: 7713
Ion Ratio Lower Upper
142 100
141 92.0 73.7 110.5

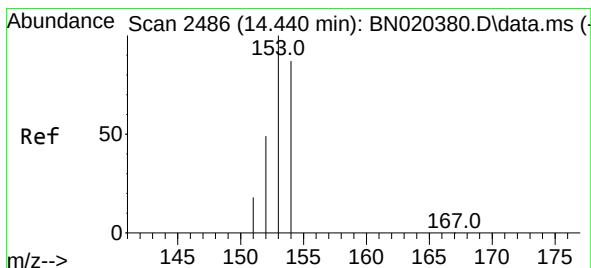
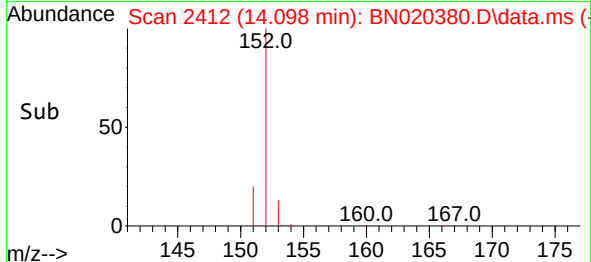
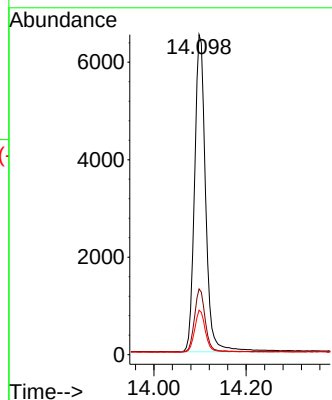
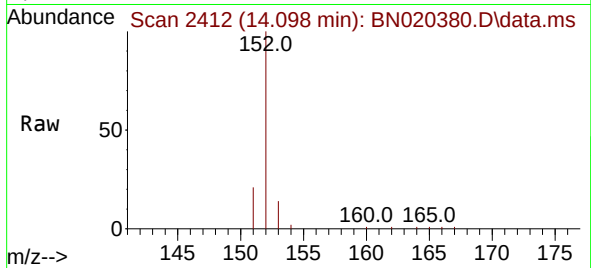




#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 14.098 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

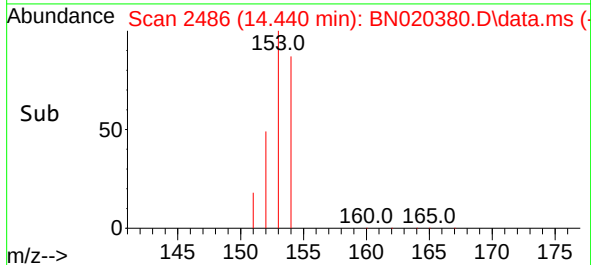
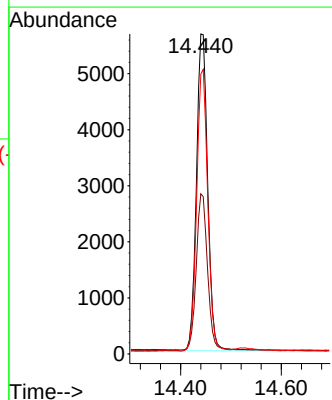
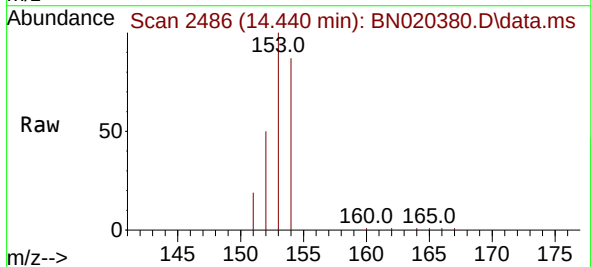
Instrument :
BNA_N
ClientSampleId :
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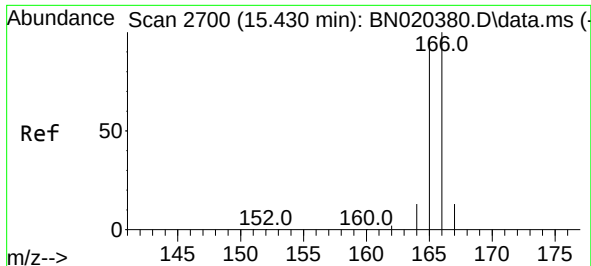
Tgt Ion:152 Resp: 10859
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.292 ng/ul
RT: 14.440 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

Tgt Ion:153 Resp: 8766
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 87.5 70.0 105.0

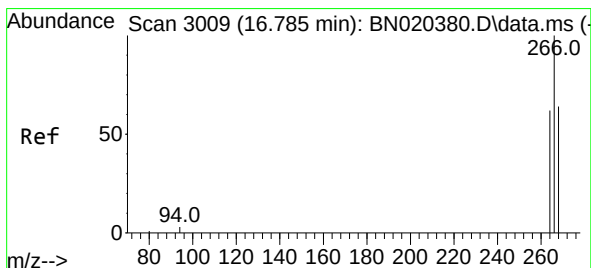
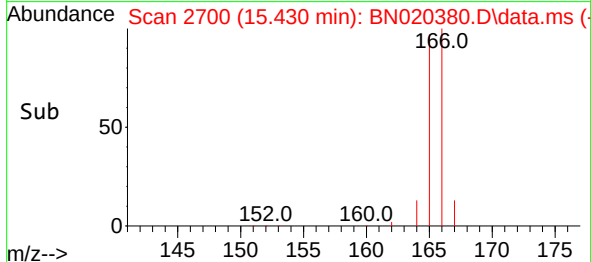
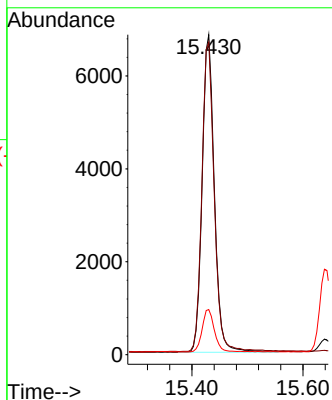
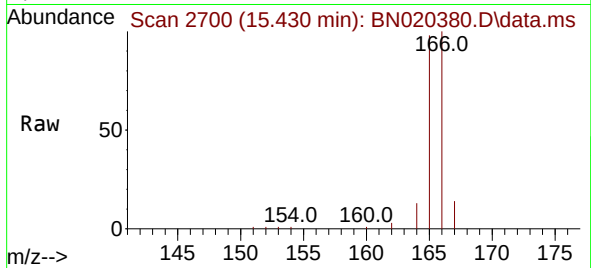




#12
 Fluorene
 Concen: 0.335 ng/ul
 RT: 15.430 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN020380.D
 Acq: 23 Jun 2022 20:24

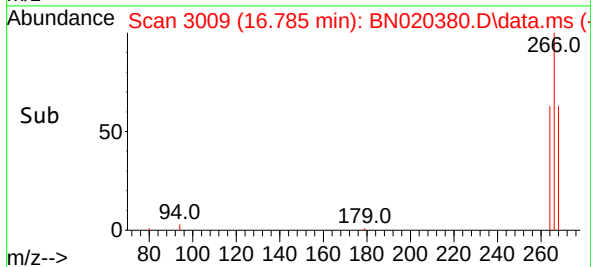
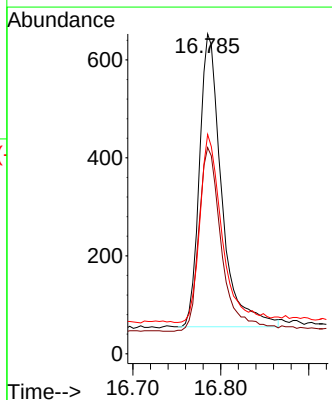
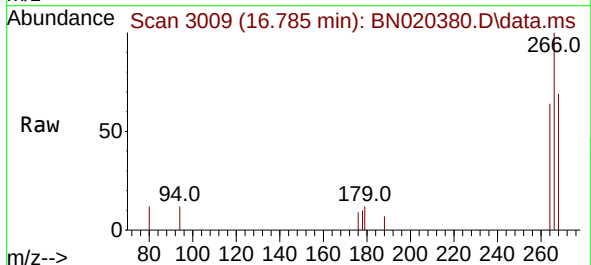
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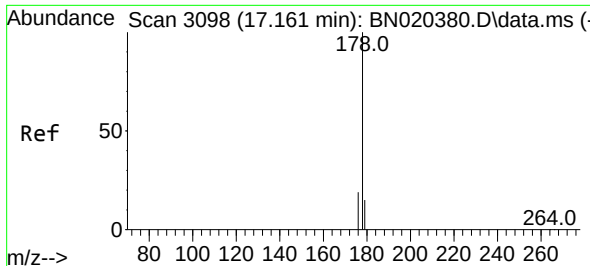
Tgt Ion:166 Resp: 10434
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.2 117.2
 167 14.1 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.358 ng/ul
 RT: 16.785 min Scan# 3009
 Delta R.T. 0.000 min
 Lab File: BN020380.D
 Acq: 23 Jun 2022 20:24

Tgt Ion:266 Resp: 1050
 Ion Ratio Lower Upper
 266 100
 264 64.5 51.6 77.4
 268 64.9 51.5 77.3

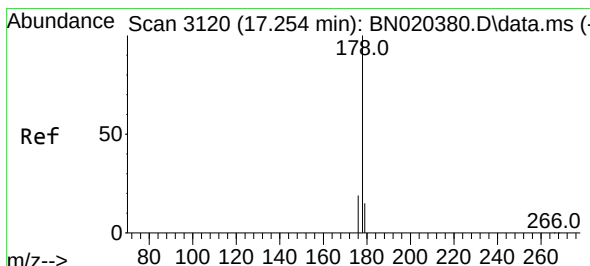
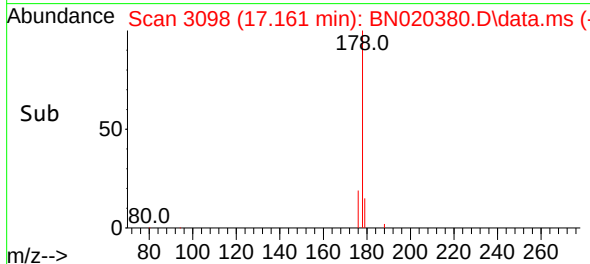
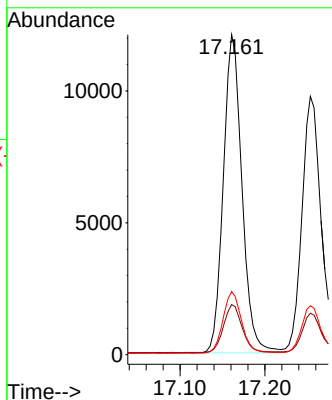
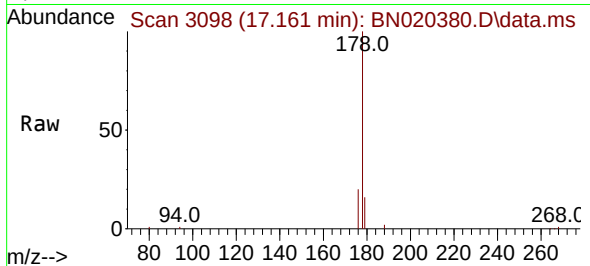




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.161 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

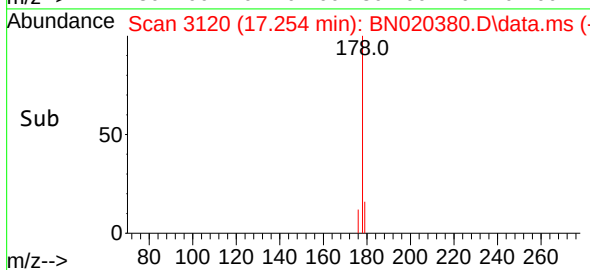
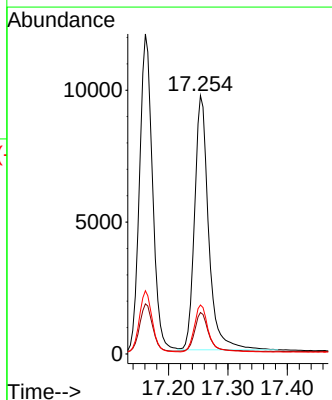
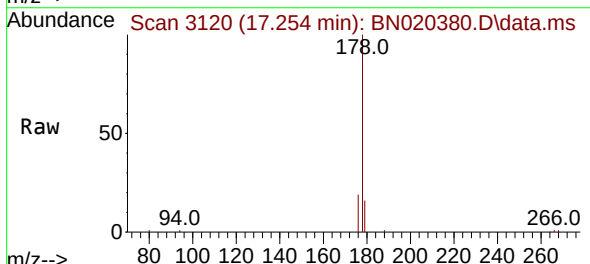
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ClientSampleId :
SSTD0.4211

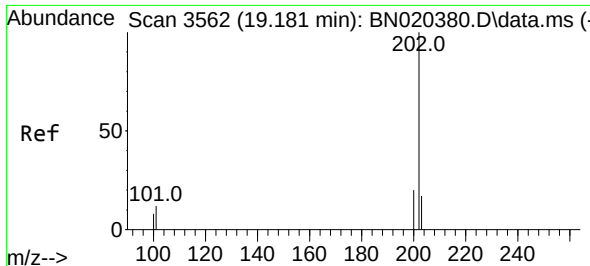
Tgt Ion:178 Resp: 18438
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.339 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

Tgt Ion:178 Resp: 15830
Ion Ratio Lower Upper
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179 16.0 12.8 19.2
176 19.0 15.2 22.8

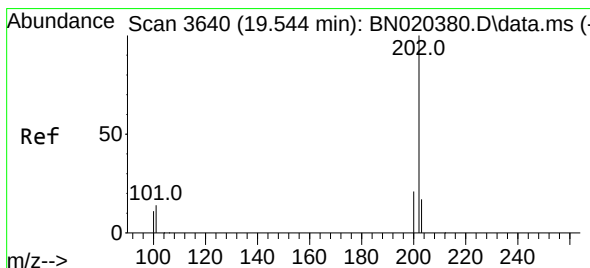
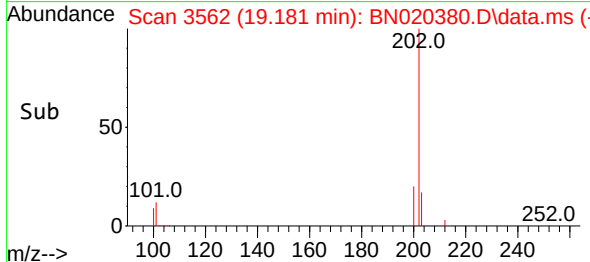
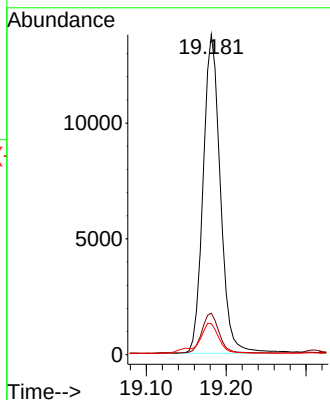
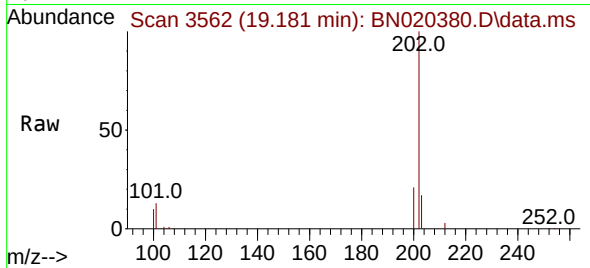




#19
Fluoranthene
Concen: 0.385 ng/u1
RT: 19.181 min Scan# 3562
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

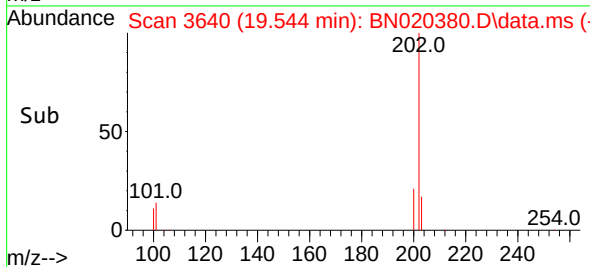
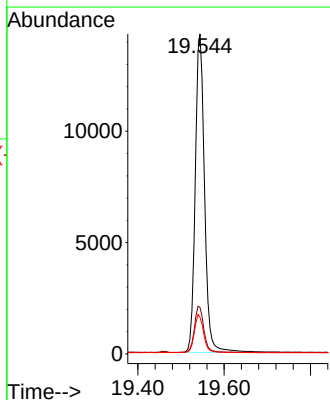
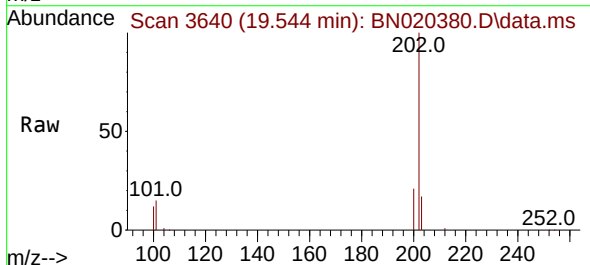
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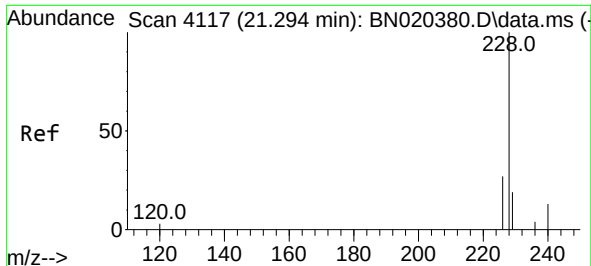
Tgt Ion:202 Resp: 20613
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 9.7 7.8 11.6



#20
Pyrene
Concen: 0.371 ng/u1
RT: 19.544 min Scan# 3640
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

Tgt Ion:202 Resp: 21519
Ion Ratio Lower Upper
202 100
101 14.5 11.6 17.4
100 11.5 9.2 13.8

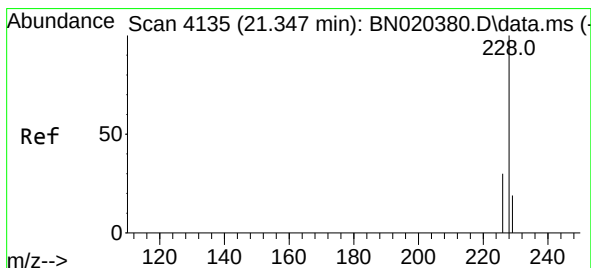
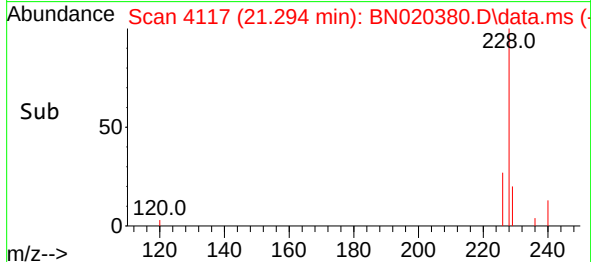
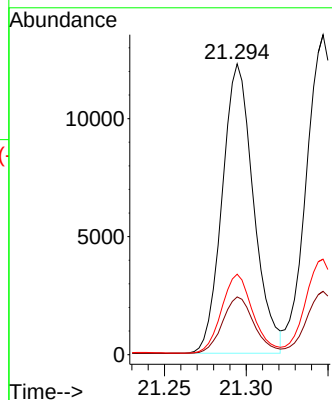
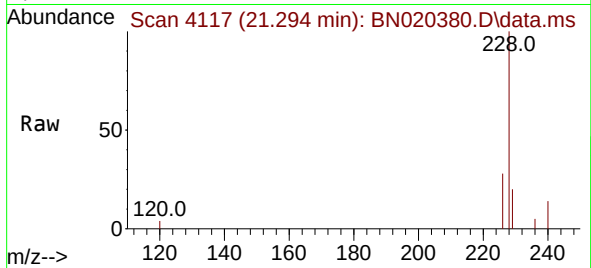




#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.294 min Scan# 4117
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

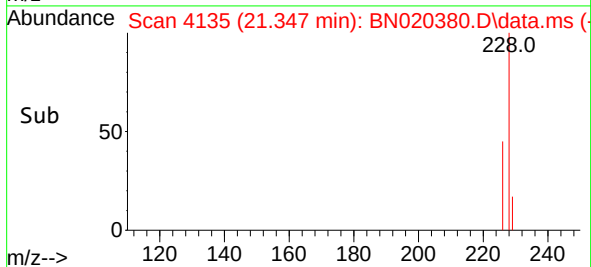
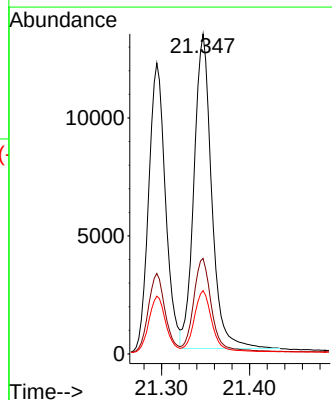
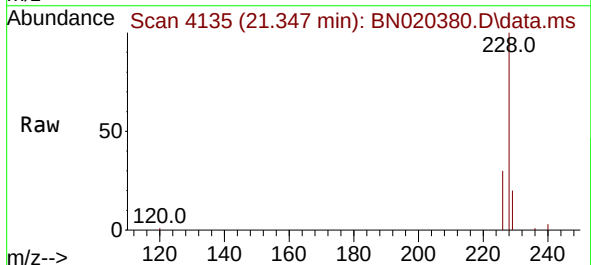
Instrument :
BNA_N
ClientSampleId :
SSTD0.4211

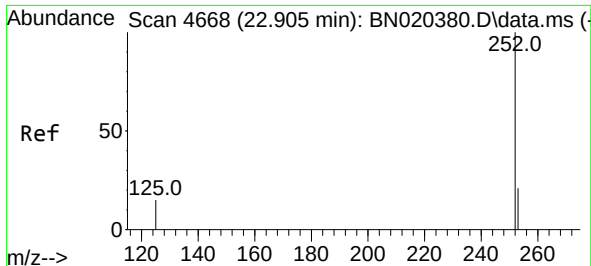
Tgt Ion:228 Resp: 16370
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.290 ng/ul
RT: 21.347 min Scan# 4135
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

Tgt Ion:228 Resp: 18622
Ion Ratio Lower Upper
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226 29.9 23.9 35.9
229 19.8 15.8 23.8

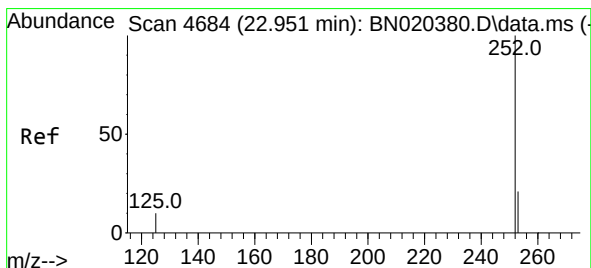
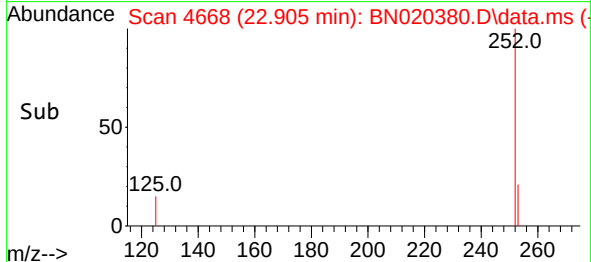
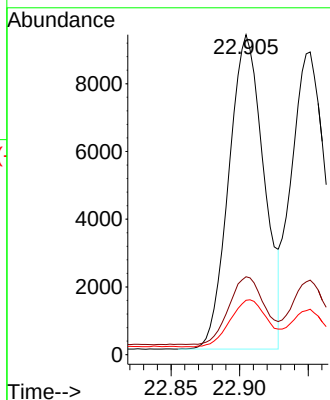
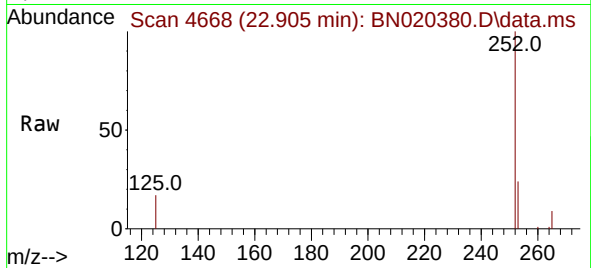




#24
Benzo(b)fluoranthene
Concen: 0.229 ng/ul
RT: 22.905 min Scan# 4668
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

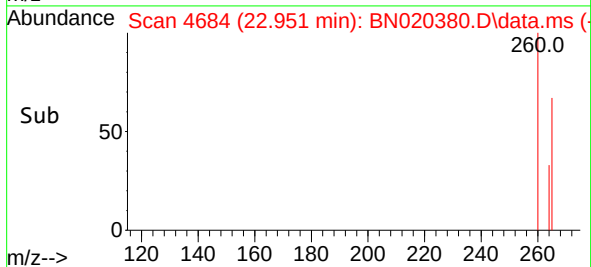
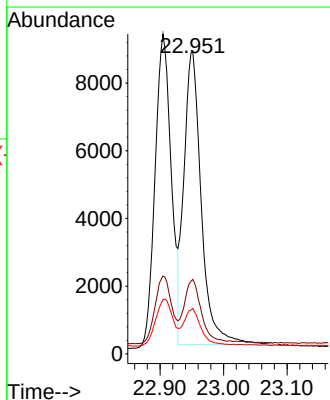
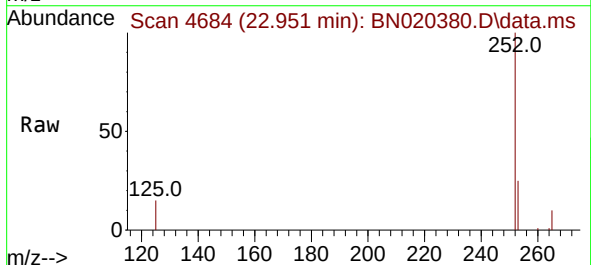
Instrument :
BNA_N
ClientSampleId :
SSTD0.4211

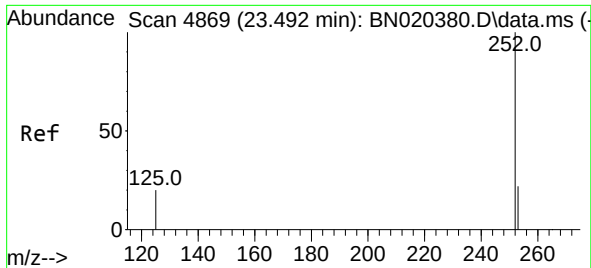
Tgt Ion:252 Resp: 16512
Ion Ratio Lower Upper
252 100
253 24.3 0.0 48.6
125 17.0 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.245 ng/ul
RT: 22.951 min Scan# 4684
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

Tgt Ion:252 Resp: 16470
Ion Ratio Lower Upper
252 100
253 24.6 19.7 29.5
125 15.0 12.0 18.0

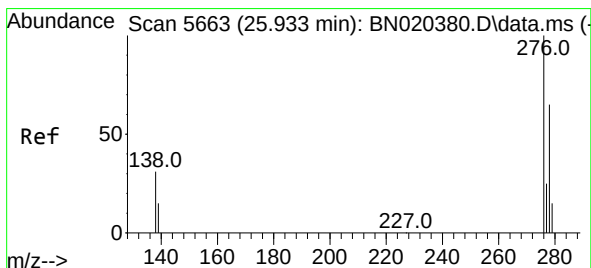
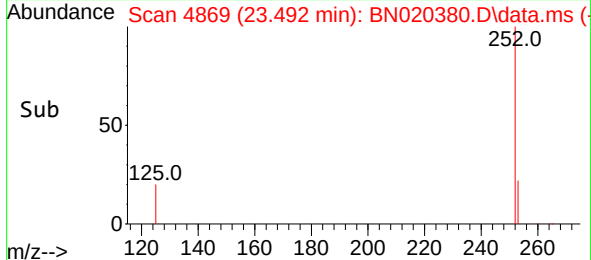
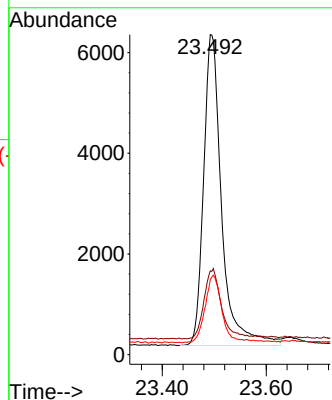
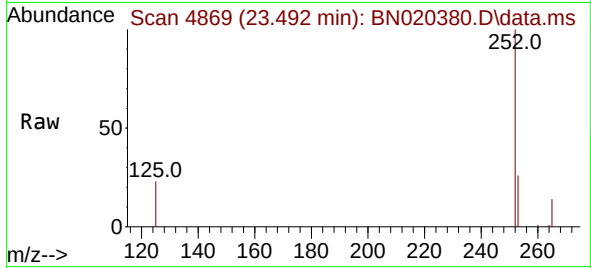




#26
Benzo(a)pyrene
Concen: 0.325 ng/ul
RT: 23.492 min Scan# 4869
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

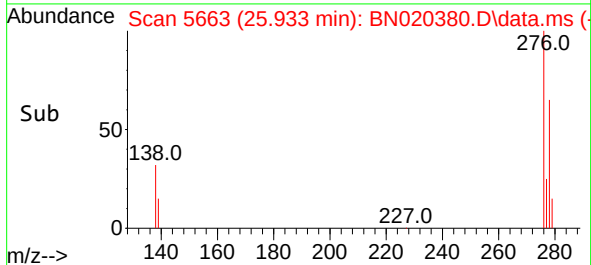
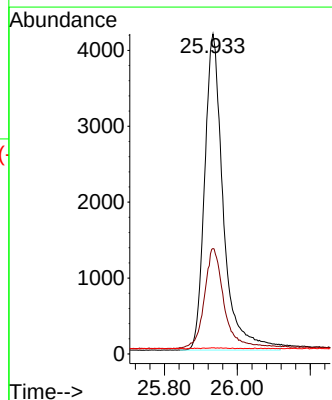
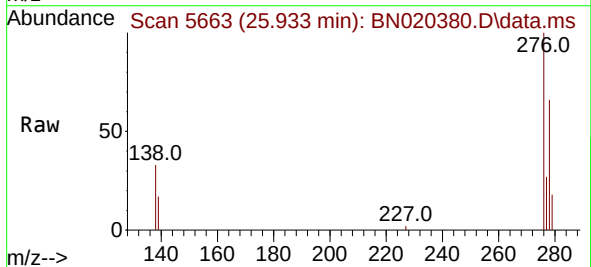
Instrument :
BNA_N
ClientSampleId :
SSTD0.4211

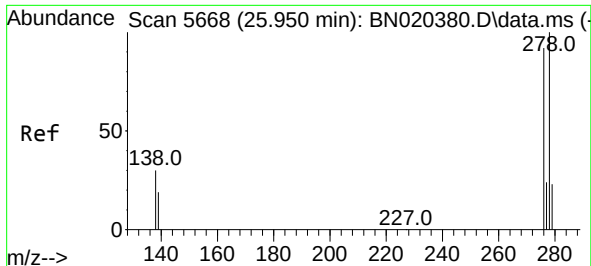
Tgt Ion:252 Resp: 14885
Ion Ratio Lower Upper
252 100
253 26.2 21.0 31.4
125 23.5 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng/ul
RT: 25.933 min Scan# 5663
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

Tgt Ion:276 Resp: 14799
Ion Ratio Lower Upper
276 100
138 34.2 27.4 41.2
227 0.2 0.2 0.2

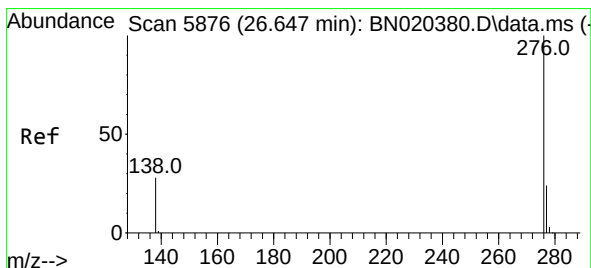
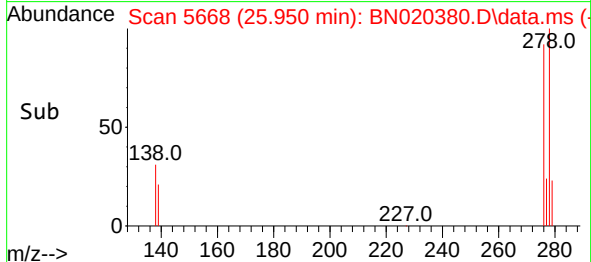
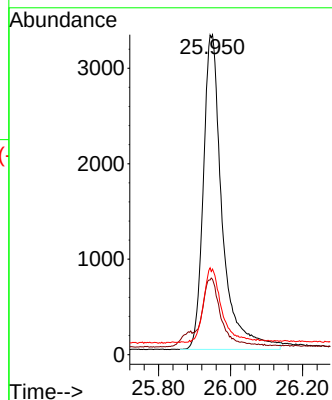
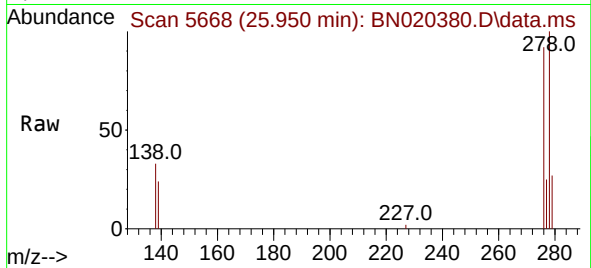




#28
Dibenzo(a,h)anthracene
Concen: 0.202 ng/ul
RT: 25.950 min Scan# 5668
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

Instrument :
BNA_N
ClientSampleId :
SSTD0.4211

Tgt Ion:278 Resp: 12005
Ion Ratio Lower Upper
278 100
139 23.5 18.8 28.2
279 26.7 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.194 ng/ul
RT: 26.647 min Scan# 5876
Delta R.T. 0.000 min
Lab File: BN020380.D
Acq: 23 Jun 2022 20:24

Tgt Ion:276 Resp: 12767
Ion Ratio Lower Upper
276 100
138 29.4 23.5 35.3
277 25.1 20.1 30.1

