

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020381.D
 Acq On : 23 Jun 2022 21:00
 Operator : CG/JU
 Sample : SST0.812
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8212

Quant Time: Jun 24 00:03:31 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)

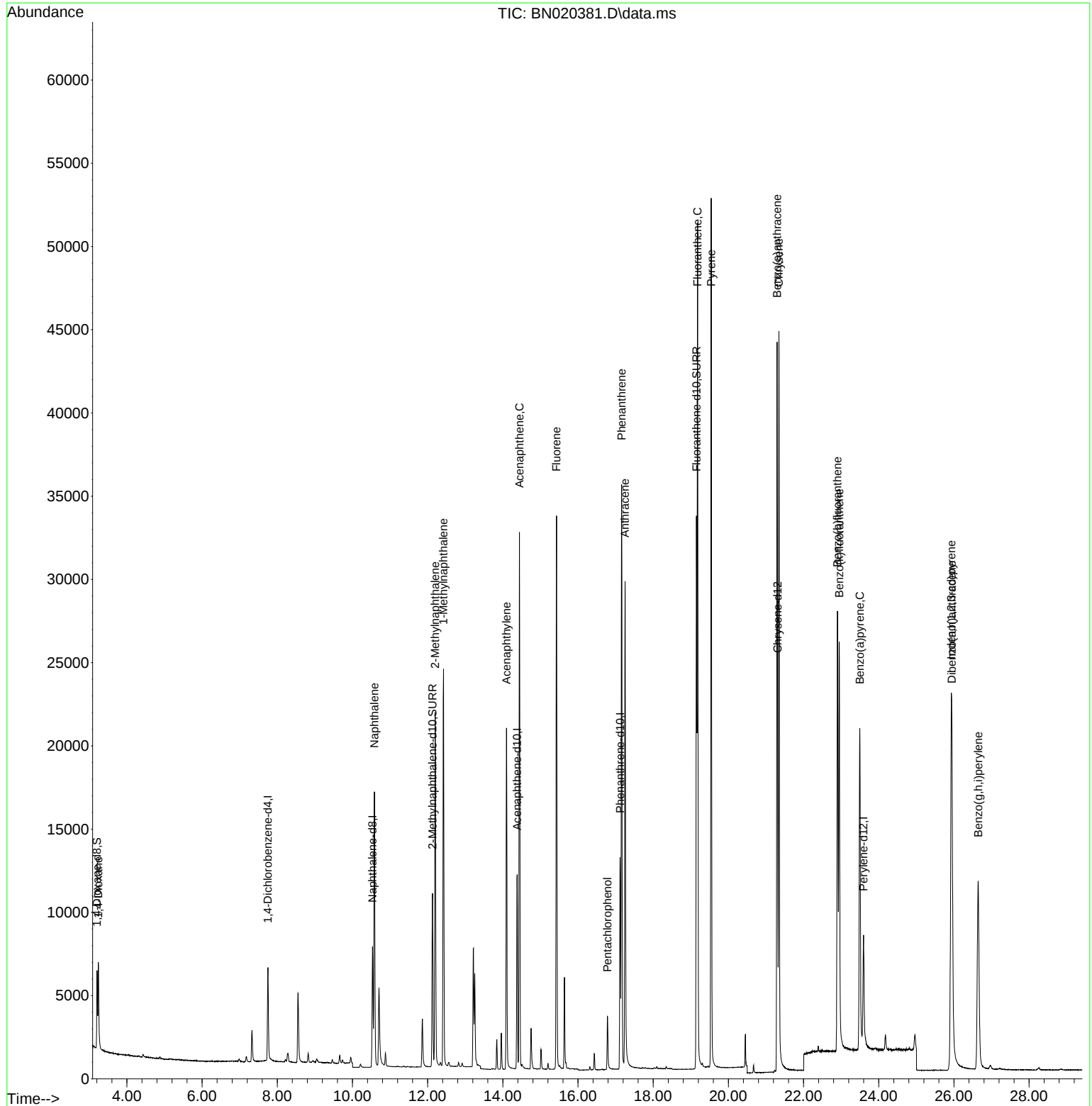
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	3240	0.400	ng/ul	0.00
4) Naphthalene-d8	10.535	136	10289	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.382	164	6738	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	15242	0.400	ng/ul	0.00
17) Chrysene-d12	21.309	240	13437	0.400	ng/ul	0.00
23) Perylene-d12	23.595	264	9800	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	3200	0.865	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.130	152	14446	0.849	ng/ul	0.00
18) Fluoranthene-d10	19.151	212	36745	1.325	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	3285	0.922	ng/ul	90
5) Naphthalene	10.584	128	23621	0.718	ng/ul	98
7) 2-Methylnaphthalene	12.201	142	15924	0.748	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	17146	0.819	ng/ul	100
10) Acenaphthylene	14.099	152	23810	0.739	ng/ul	99
11) Acenaphthene	14.442	153	18840	0.611	ng/ul	99
12) Fluorene	15.427	166	22519	0.706	ng/ul	98
14) Pentachlorophenol	16.782	266	2397	0.819	ng/ul	99
15) Phenanthrene	17.162	178	39106	0.709	ng/ul	99
16) Anthracene	17.251	178	34590	0.741	ng/ul	99
19) Fluoranthene	19.179	202	44501	0.820	ng/ul	99
20) Pyrene	19.541	202	45400	0.772	ng/ul	99
21) Benzo(a)anthracene	21.295	228	36076	0.691	ng/ul	99
22) Chrysene	21.344	228	39562	0.609	ng/ul	100
24) Benzo(b)fluoranthene	22.902	252	34053	0.487	ng/ul	96
25) Benzo(k)fluoranthene	22.949	252	34591	0.530	ng/ul	97
26) Benzo(a)pyrene	23.495	252	30644	0.691	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.930	276	30410	0.421	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.947	278	24919	0.433	ng/ul	97
29) Benzo(g,h,i)perylene	26.644	276	25753	0.404	ng/ul	98

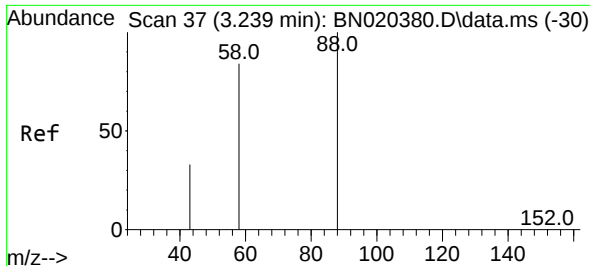
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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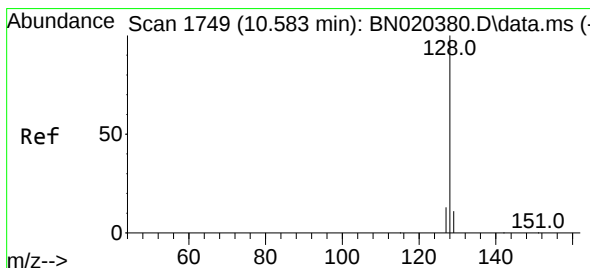
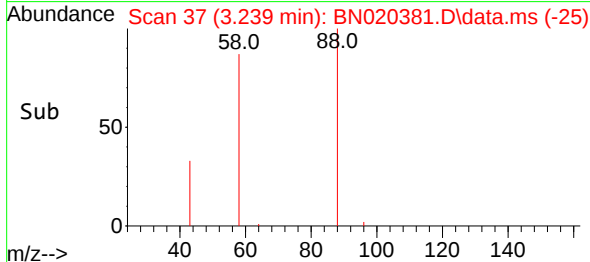
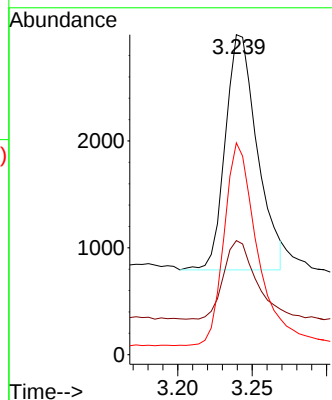
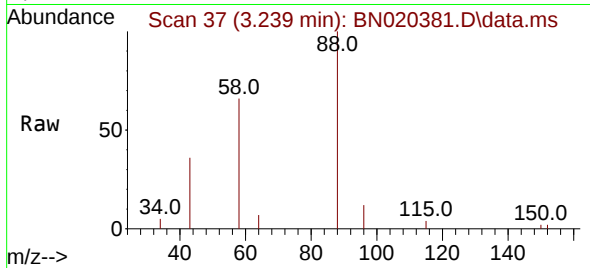




#2
1,4-Dioxane
Concen: 0.922 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

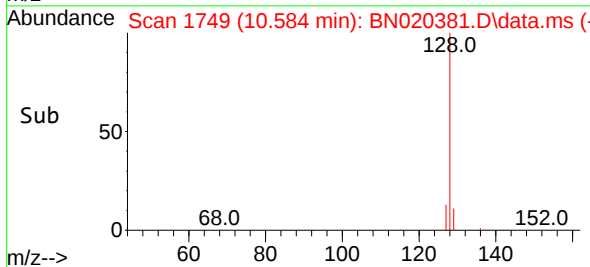
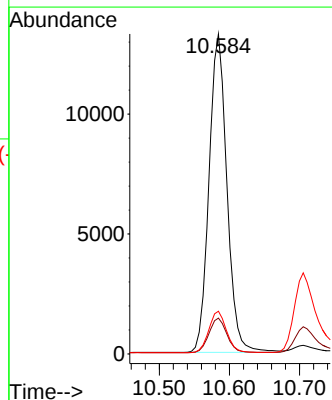
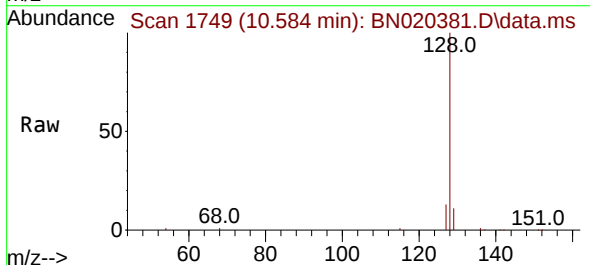
Instrument :
BNA_N
ClientSampleId :
SSTD0.8212

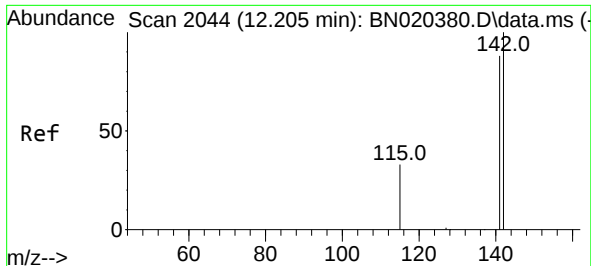
Tgt Ion: 88 Resp: 3285
Ion Ratio Lower Upper
88 100
43 35.6 32.5 48.7
58 66.2 46.2 69.2



#5
Naphthalene
Concen: 0.718 ng/ul
RT: 10.584 min Scan# 1749
Delta R.T. 0.001 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

Tgt Ion: 128 Resp: 23621
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.3 11.3 16.9

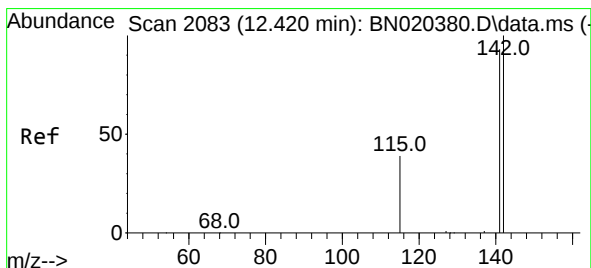
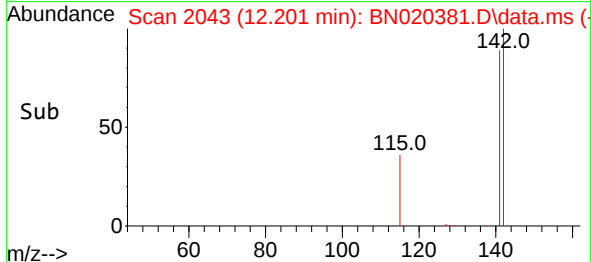
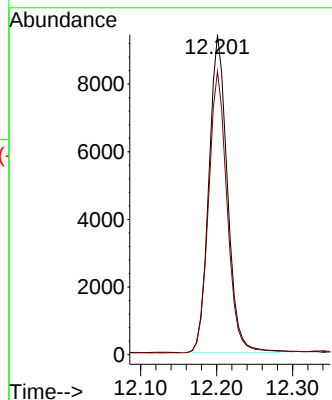
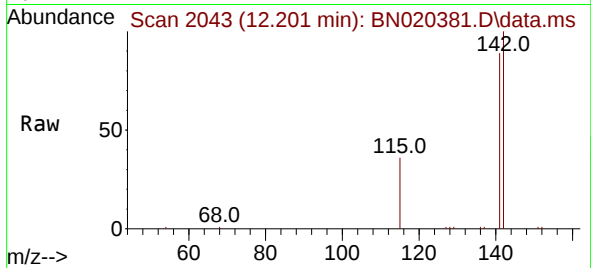




#7
2-Methylnaphthalene
Concen: 0.748 ng/ul
RT: 12.201 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

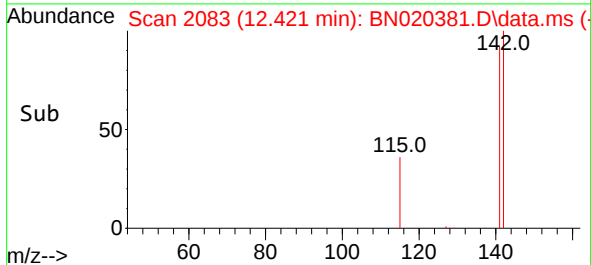
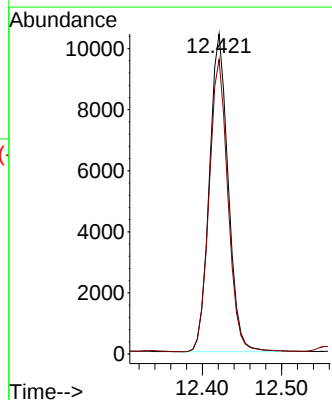
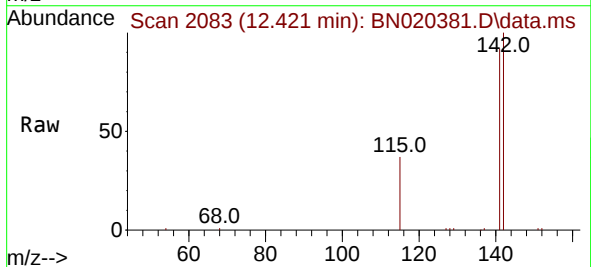
Instrument :
BNA_N
ClientSampleId :
SSTD0.8212

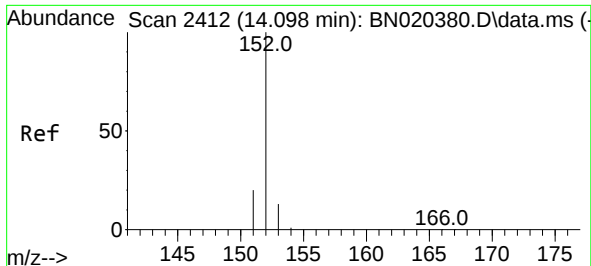
Tgt Ion:142 Resp: 15924
Ion Ratio Lower Upper
142 100
141 88.9 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.819 ng/ul
RT: 12.421 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

Tgt Ion:142 Resp: 17146
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5

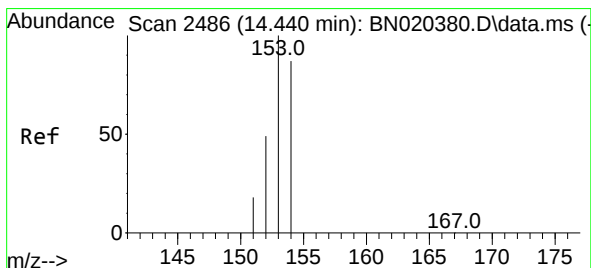
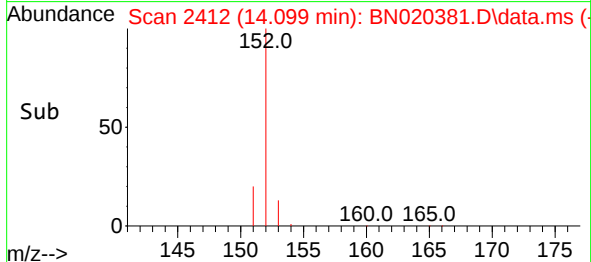
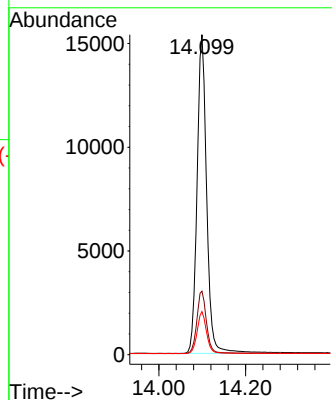
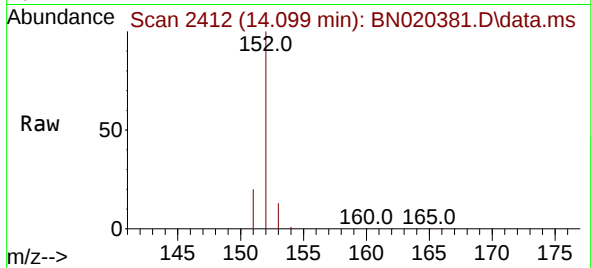




#10
Acenaphthylene
Concen: 0.739 ng/ul
RT: 14.099 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

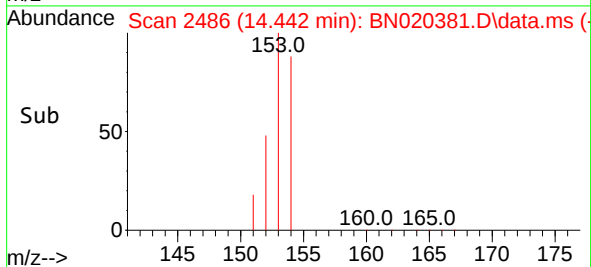
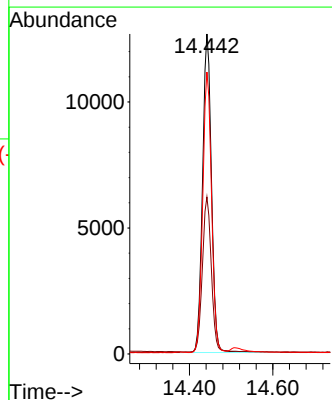
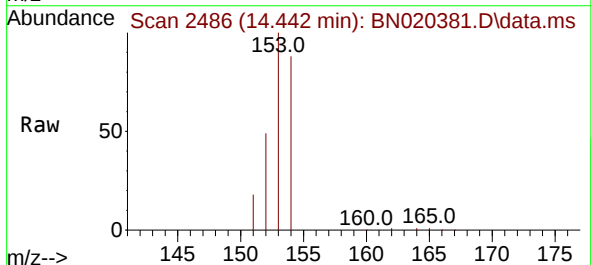
Instrument :
BNA_N
ClientSampleId :
SSTD0.8212

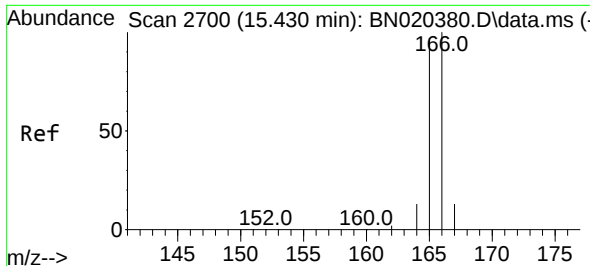
Tgt Ion:152 Resp: 23810
Ion Ratio Lower Upper
152 100
151 19.8 16.5 24.7
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.611 ng/ul
RT: 14.442 min Scan# 2486
Delta R.T. 0.001 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

Tgt Ion:153 Resp: 18840
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 88.1 70.0 105.0

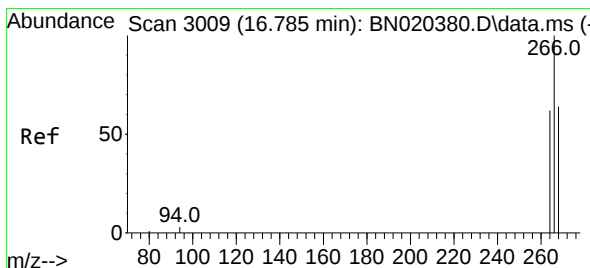
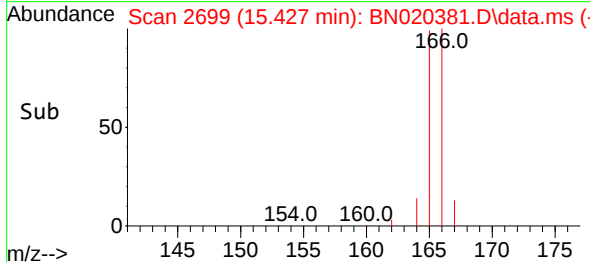
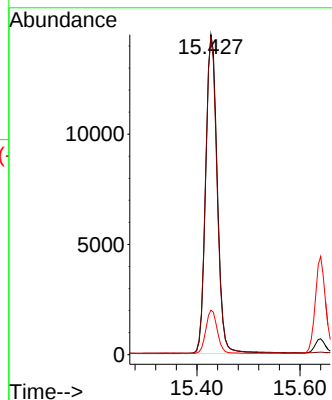
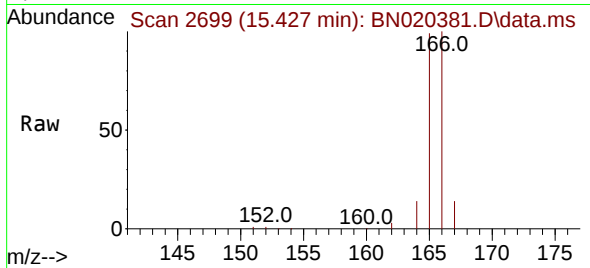




#12
Fluorene
Concen: 0.706 ng/ul
RT: 15.427 min Scan# 2699
Delta R.T. -0.003 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

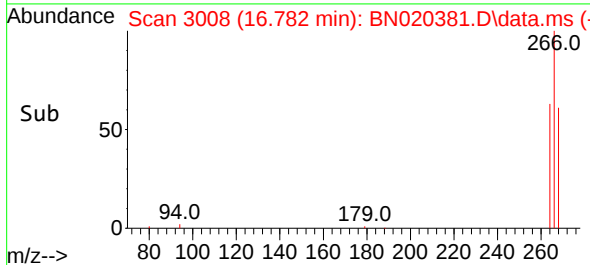
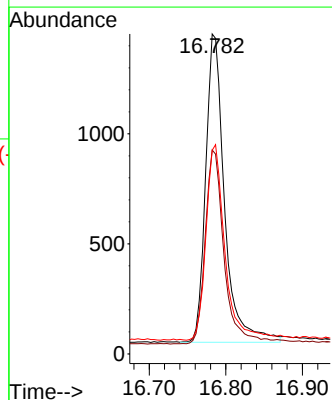
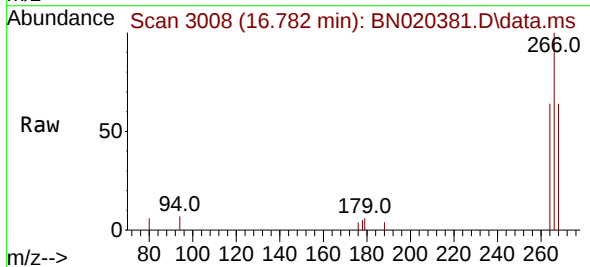
Instrument :
BNA_N
ClientSampleId :
SSTD0.8212

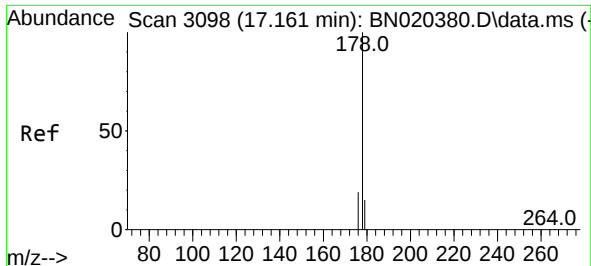
Tgt Ion:166 Resp: 22519
Ion Ratio Lower Upper
166 100
165 99.5 78.2 117.2
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.819 ng/ul
RT: 16.782 min Scan# 3008
Delta R.T. -0.003 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

Tgt Ion:266 Resp: 2397
Ion Ratio Lower Upper
266 100
264 63.2 51.6 77.4
268 64.0 51.5 77.3

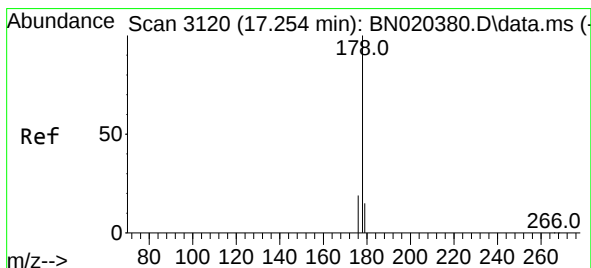
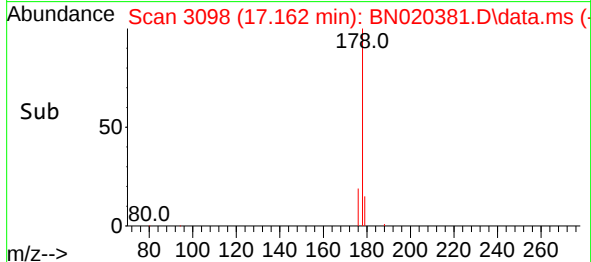
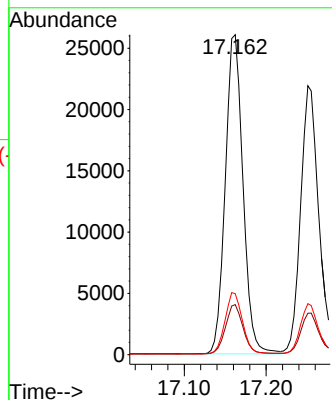
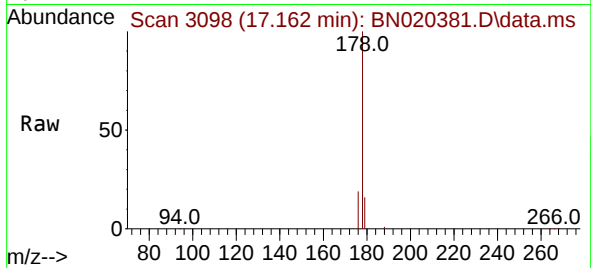




#15
Phenanthrene
Concen: 0.709 ng/ul
RT: 17.162 min Scan# 3098
Delta R.T. 0.001 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

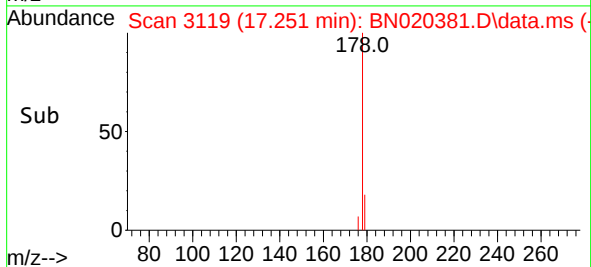
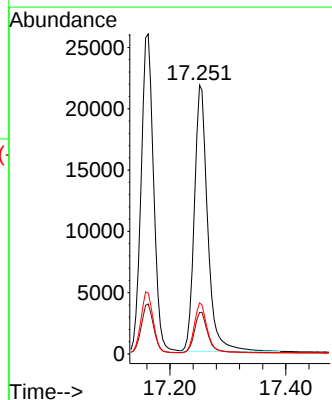
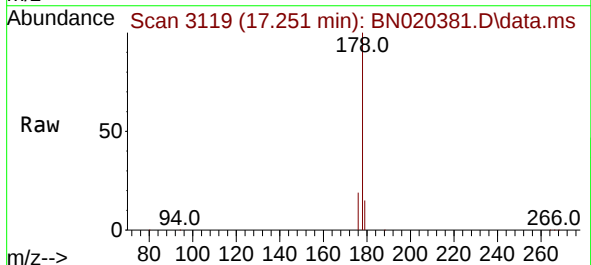
Instrument :
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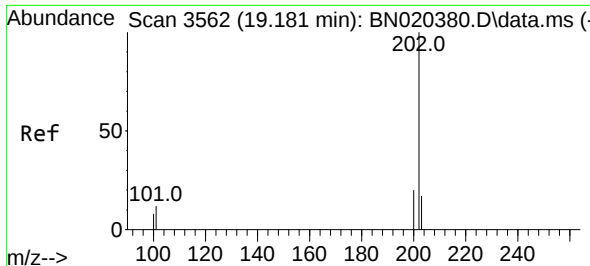
Tgt Ion:178 Resp: 39106
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.1 15.8 23.6



#16
Anthracene
Concen: 0.741 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

Tgt Ion:178 Resp: 34590
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 19.0 15.2 22.8

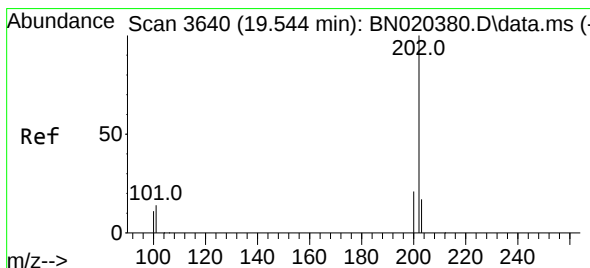
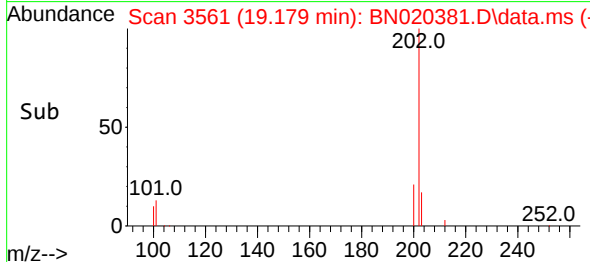
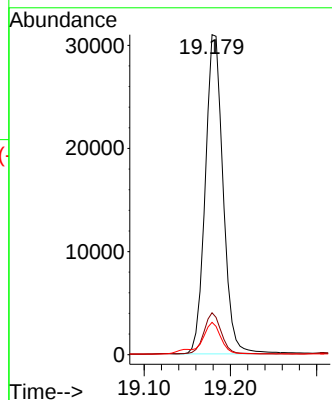
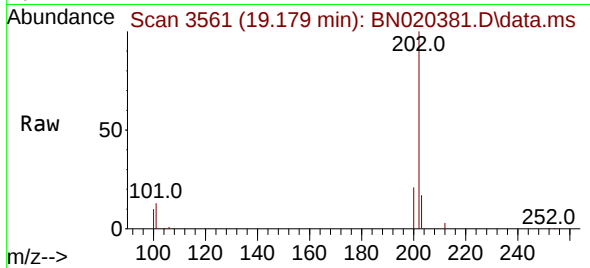




#19
Fluoranthene
Concen: 0.820 ng/ul
RT: 19.179 min Scan# 3561
Delta R.T. -0.003 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

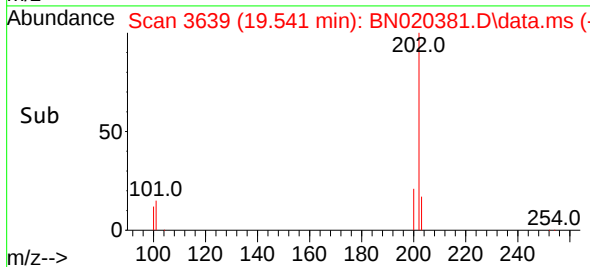
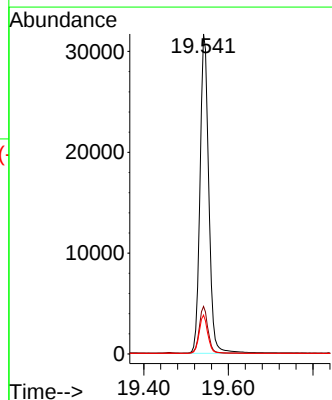
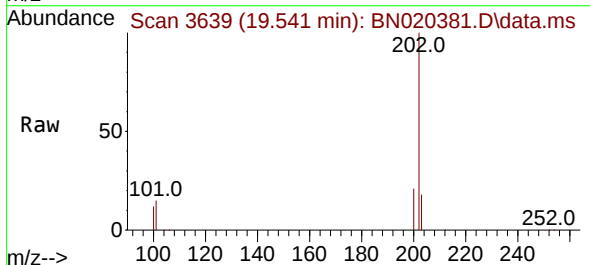
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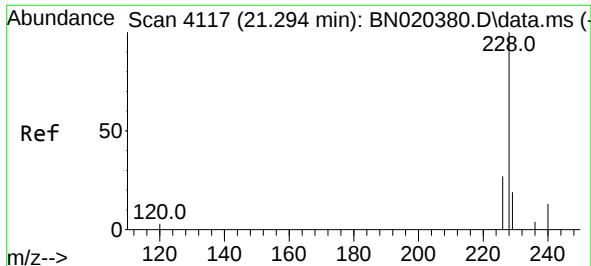
Tgt Ion:202 Resp: 44501
Ion Ratio Lower Upper
202 100
101 13.1 10.3 15.5
100 10.1 7.8 11.6



#20
Pyrene
Concen: 0.772 ng/ul
RT: 19.541 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

Tgt Ion:202 Resp: 45400
Ion Ratio Lower Upper
202 100
101 14.9 11.6 17.4
100 12.2 9.2 13.8

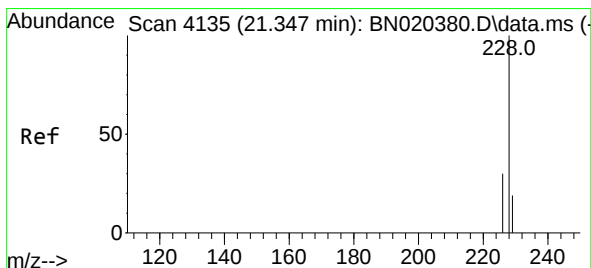
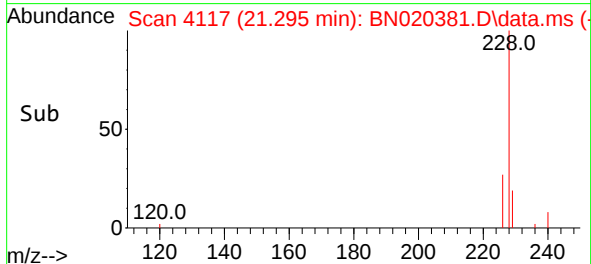
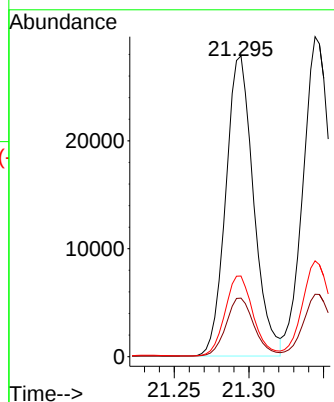
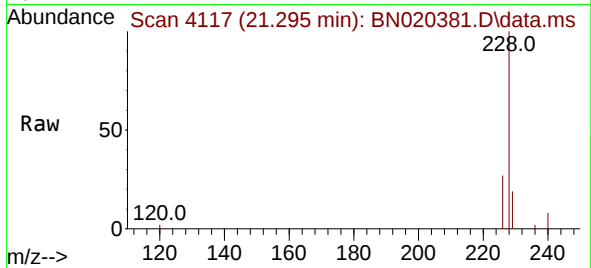




#21
Benzo(a)anthracene
Concen: 0.691 ng/ul
RT: 21.295 min Scan# 4117
Delta R.T. 0.000 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

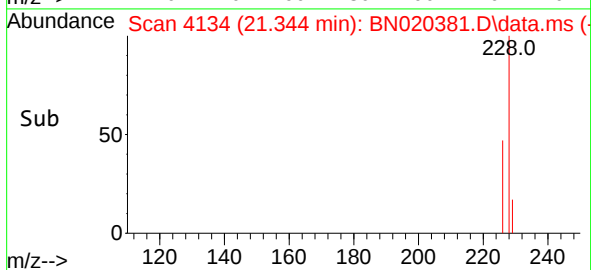
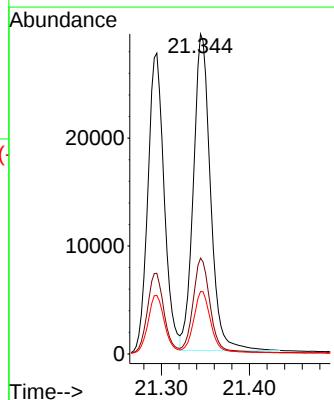
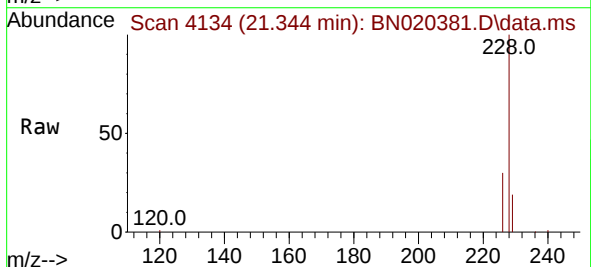
Instrument :
BNA_N
ClientSampleId :
SSTD0.8212

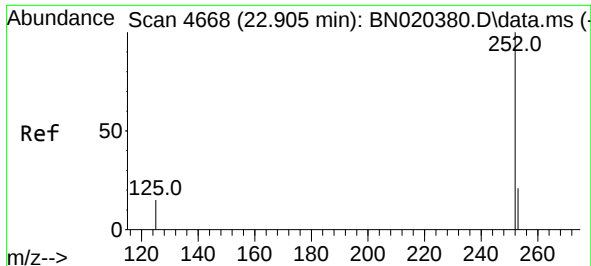
Tgt Ion:228 Resp: 36076
Ion Ratio Lower Upper
228 100
229 19.5 15.9 23.9
226 26.8 22.2 33.2



#22
Chrysene
Concen: 0.609 ng/ul
RT: 21.344 min Scan# 4134
Delta R.T. -0.003 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

Tgt Ion:228 Resp: 39562
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 19.5 15.8 23.8

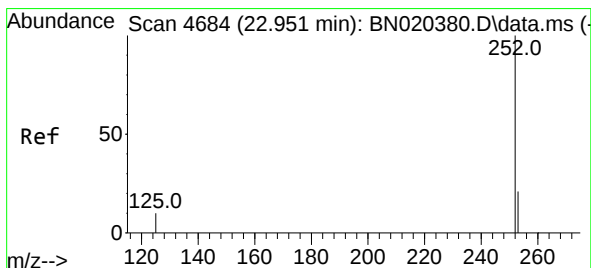
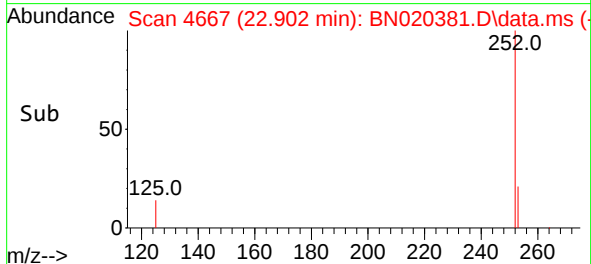
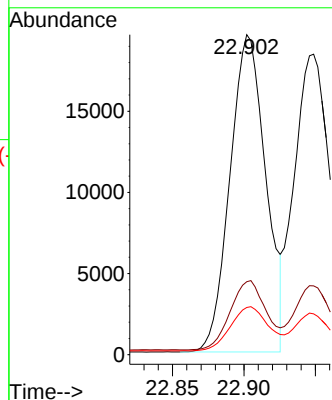
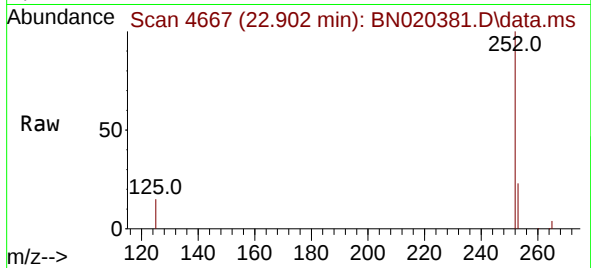




#24
Benzo(b)fluoranthene
Concen: 0.487 ng/ul
RT: 22.902 min Scan# 4667
Delta R.T. -0.003 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

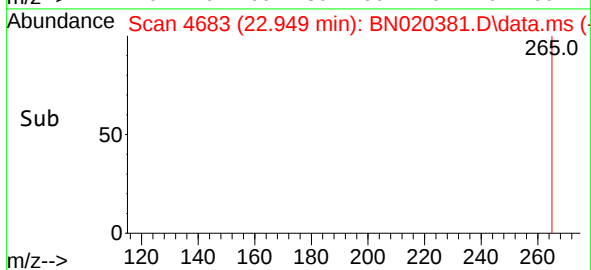
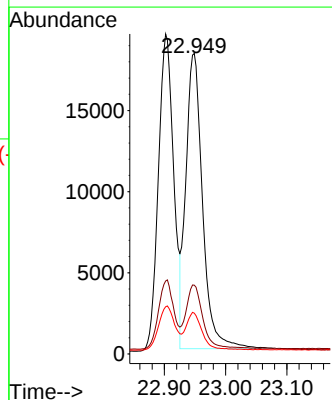
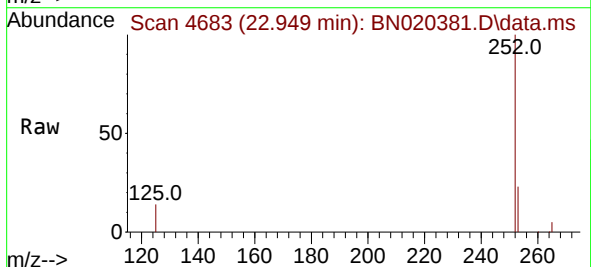
Instrument :
BNA_N
ClientSampleId :
SSTD0.8212

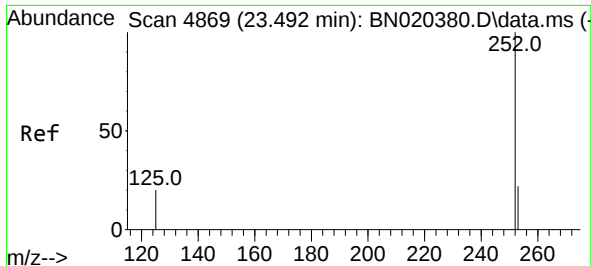
Tgt Ion:252 Resp: 34053
Ion Ratio Lower Upper
252 100
253 22.8 0.0 48.6
125 14.8 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.530 ng/ul
RT: 22.949 min Scan# 4683
Delta R.T. -0.003 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

Tgt Ion:252 Resp: 34591
Ion Ratio Lower Upper
252 100
253 22.9 19.7 29.5
125 13.6 12.0 18.0

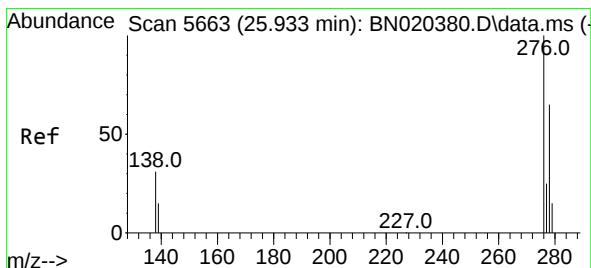
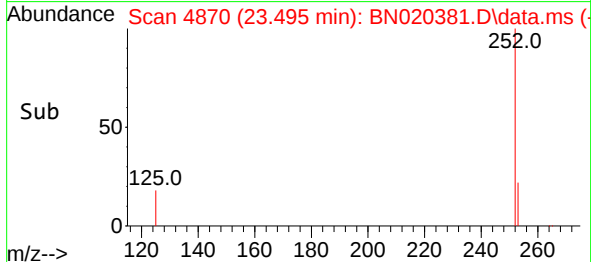
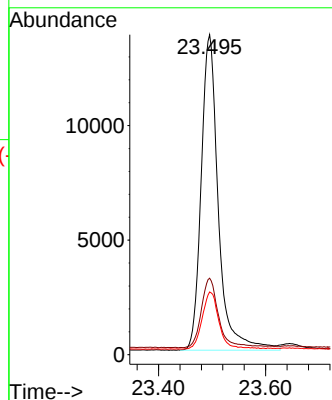
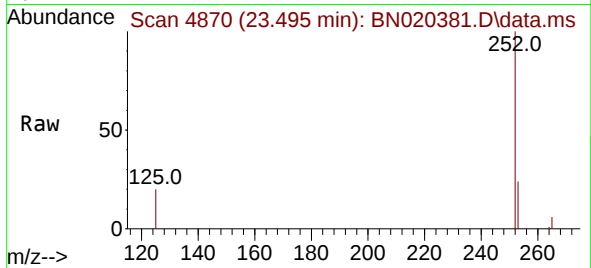




#26
Benzo(a)pyrene
Concen: 0.691 ng/ul
RT: 23.495 min Scan# 4869
Delta R.T. 0.003 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

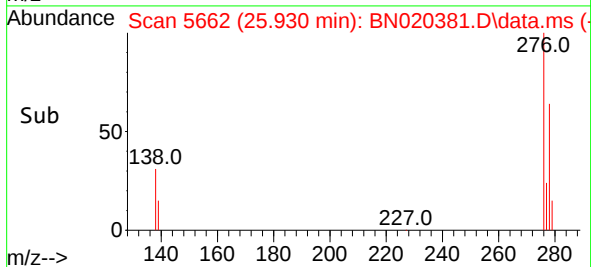
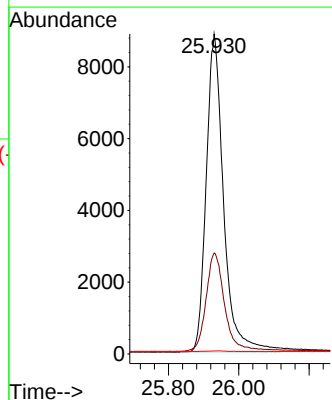
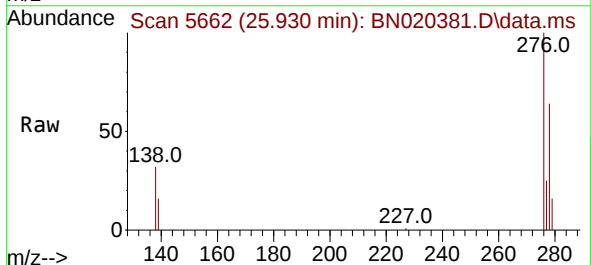
Instrument :
BNA_N
ClientSampleId :
SSTD0.8212

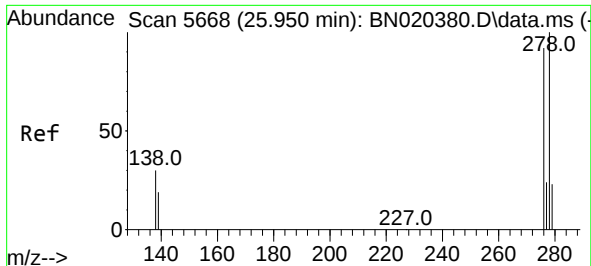
Tgt Ion:252 Resp: 30644
Ion Ratio Lower Upper
252 100
253 23.9 21.0 31.4
125 19.6 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng/ul
RT: 25.930 min Scan# 5662
Delta R.T. -0.003 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

Tgt Ion:276 Resp: 30410
Ion Ratio Lower Upper
276 100
138 33.3 27.4 41.2
227 0.1 0.2 0.2#

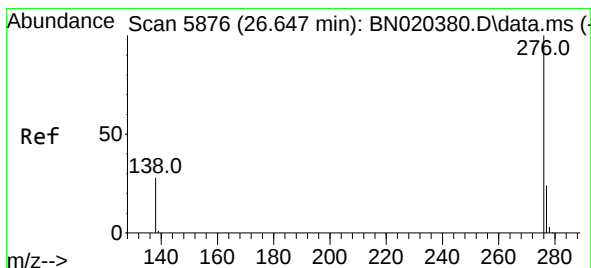
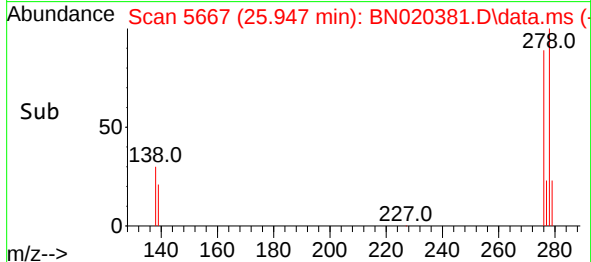
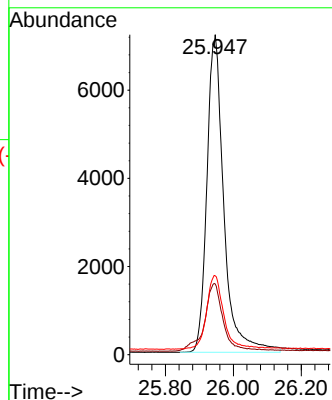
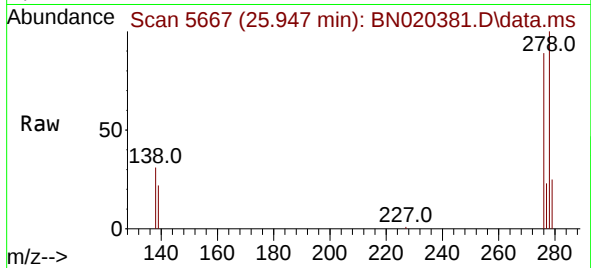




#28
Dibenzo(a,h)anthracene
Concen: 0.433 ng/ul
RT: 25.947 min Scan# 5667
Delta R.T. -0.003 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.8212

Tgt Ion:278 Resp: 24919
Ion Ratio Lower Upper
278 100
139 22.1 18.8 28.2
279 24.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.404 ng/ul
RT: 26.644 min Scan# 5875
Delta R.T. -0.003 min
Lab File: BN020381.D
Acq: 23 Jun 2022 21:00

Tgt Ion:276 Resp: 25753
Ion Ratio Lower Upper
276 100
138 28.7 23.5 35.3
277 23.9 20.1 30.1

