

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020383.D
 Acq On : 23 Jun 2022 22:12
 Operator : CG/JU
 Sample : SSTD3.214
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2214

Quant Time: Jun 24 00:03:42 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

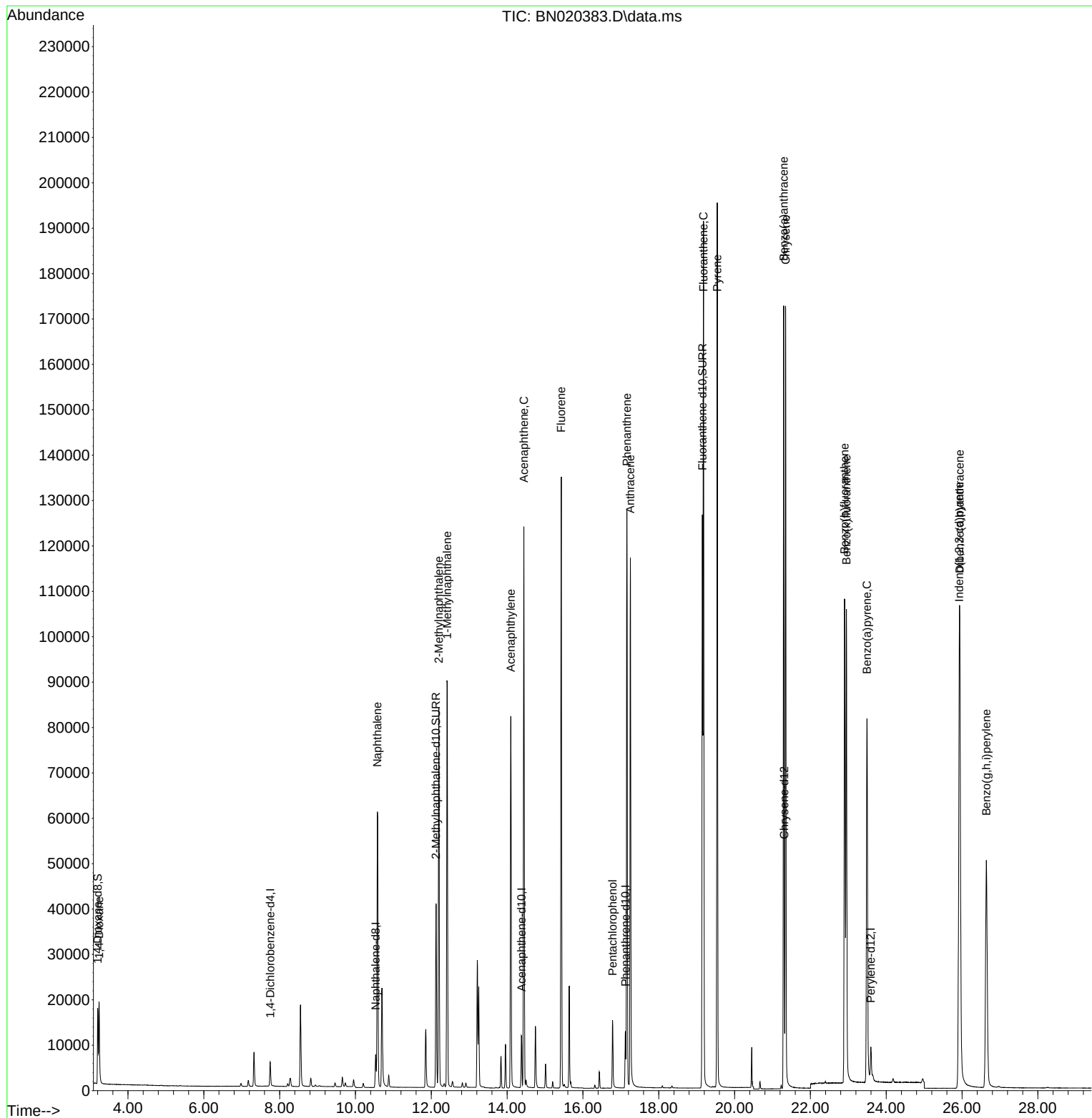
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	3021	0.400	ng/ul	0.00
4) Naphthalene-d8	10.535	136	9981	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.382	164	6633	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	14600	0.400	ng/ul	0.00
17) Chrysene-d12	21.309	240	13602	0.400	ng/ul	0.00
23) Perylene-d12	23.595	264	10356	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.201	96	10934	3.170	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.124	152	54450	3.299	ng/ul	0.00
18) Fluoranthene-d10	19.151	212	135700	4.833	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	11637	3.505	ng/ul#	79
5) Naphthalene	10.579	128	86430	2.707	ng/ul	98
7) 2-Methylnaphthalene	12.201	142	59822	2.897	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	63664	3.134	ng/ul	100
10) Acenaphthylene	14.099	152	96448	3.040	ng/ul	98
11) Acenaphthene	14.442	153	70788	2.334	ng/ul	99
12) Fluorene	15.427	166	84424	2.687	ng/ul	99
14) Pentachlorophenol	16.782	266	10317	3.679	ng/ul	99
15) Phenanthrene	17.158	178	140647	2.662	ng/ul	99
16) Anthracene	17.251	178	131836	2.949	ng/ul	99
19) Fluoranthene	19.178	202	164636	2.998	ng/ul	99
20) Pyrene	19.541	202	165212	2.777	ng/ul	99
21) Benzo(a)anthracene	21.295	228	145808	2.761	ng/ul	99
22) Chrysene	21.347	228	149137	2.268	ng/ul	100
24) Benzo(b)fluoranthene	22.902	252	137167	1.855	ng/ul	94
25) Benzo(k)fluoranthene	22.949	252	137944	2.002	ng/ul	94
26) Benzo(a)pyrene	23.492	252	125961	2.688	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.926	276	126840	1.663	ng/ul	97
28) Dibenzo(a,h)anthracene	25.940	278	104330	1.716	ng/ul	95
29) Benzo(g,h,i)perylene	26.641	276	105669	1.570	ng/ul	98

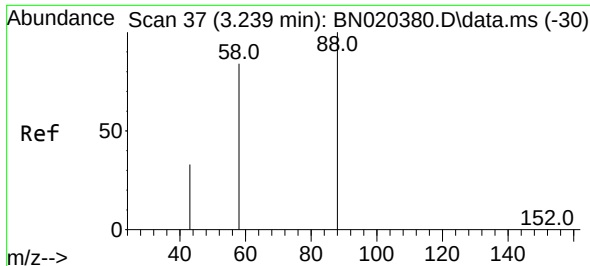
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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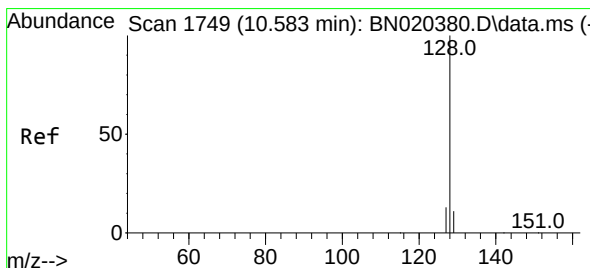
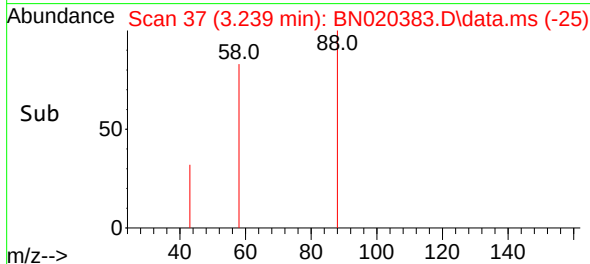
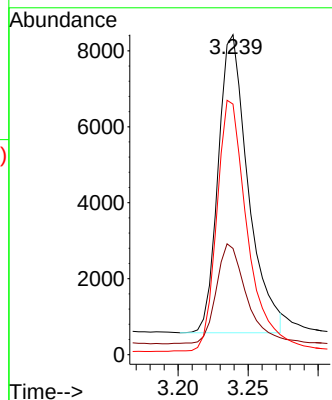
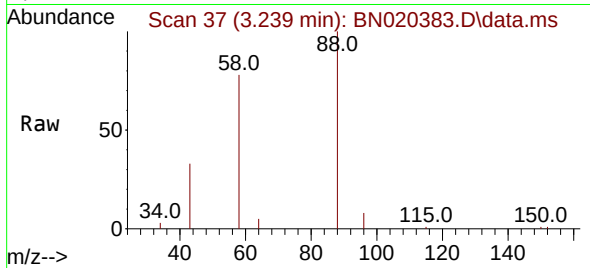




#2
1,4-Dioxane
Concen: 3.505 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

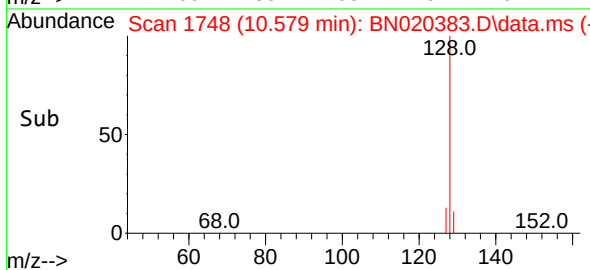
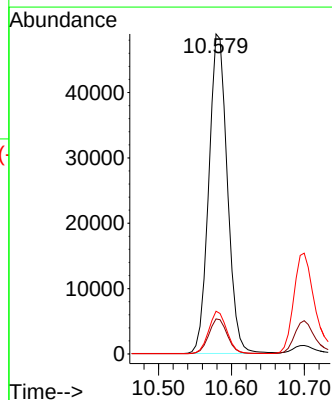
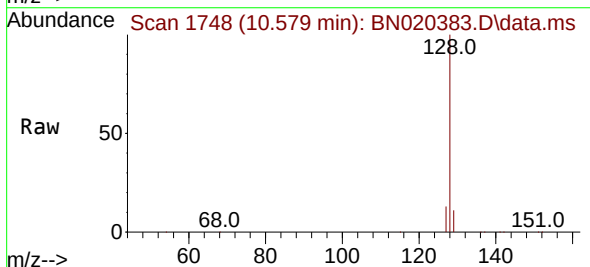
Instrument :
BNA_N
ClientSampleId :
SSTD3.2214

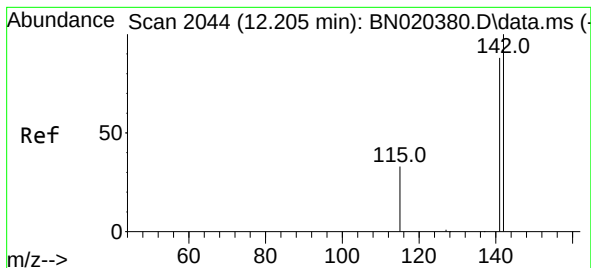
Tgt Ion: 88 Resp: 11637
Ion Ratio Lower Upper
88 100
43 33.2 32.5 48.7
58 78.3 46.2 69.2#



#5
Naphthalene
Concen: 2.707 ng/ul
RT: 10.579 min Scan# 1748
Delta R.T. -0.004 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

Tgt Ion: 128 Resp: 86430
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 13.3 11.3 16.9

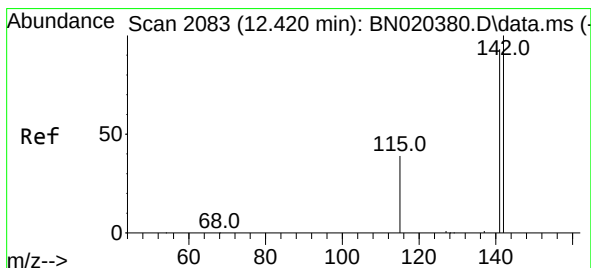
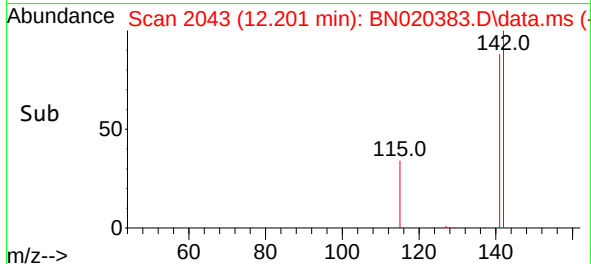
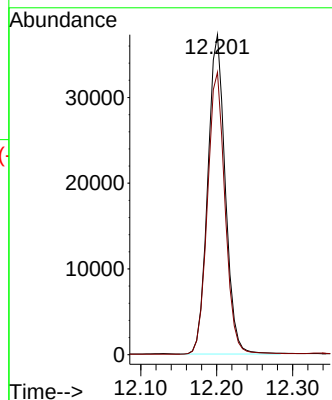
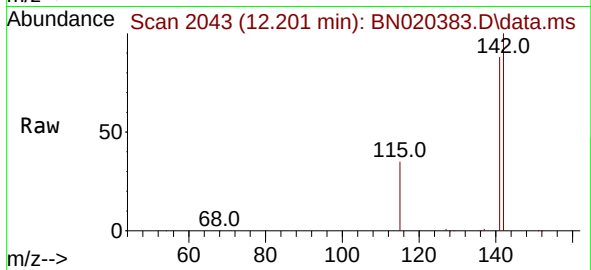




#7
2-Methylnaphthalene
Concen: 2.897 ng/ul
RT: 12.201 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

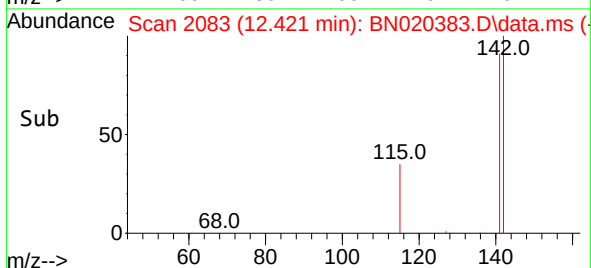
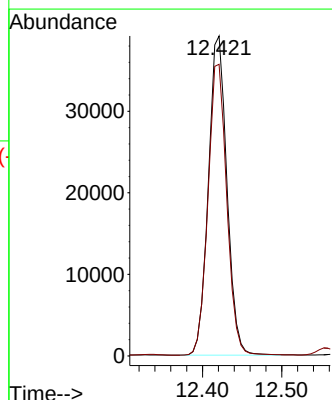
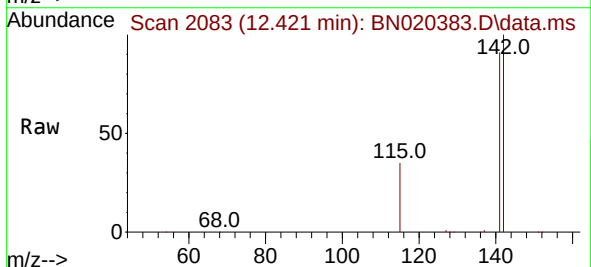
Instrument :
BNA_N
ClientSampleId :
SSTD3.2214

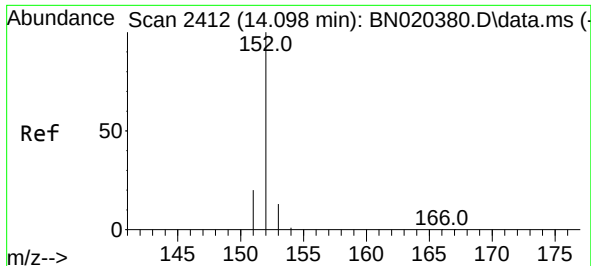
Tgt Ion:142 Resp: 59822
Ion Ratio Lower Upper
142 100
141 88.7 72.1 108.1



#8
1-Methylnaphthalene
Concen: 3.134 ng/ul
RT: 12.421 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

Tgt Ion:142 Resp: 63664
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5

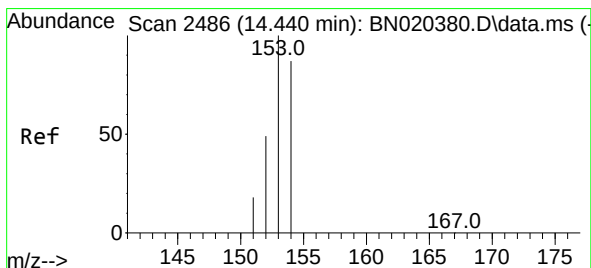
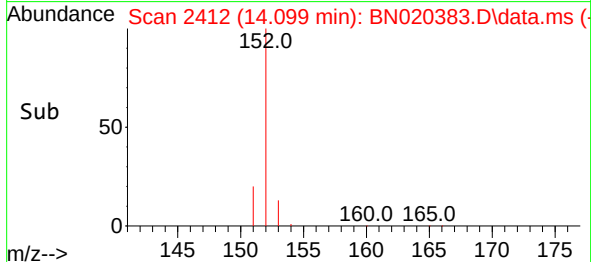
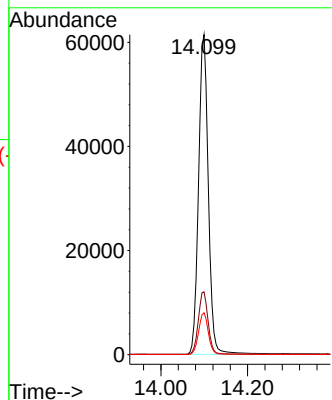
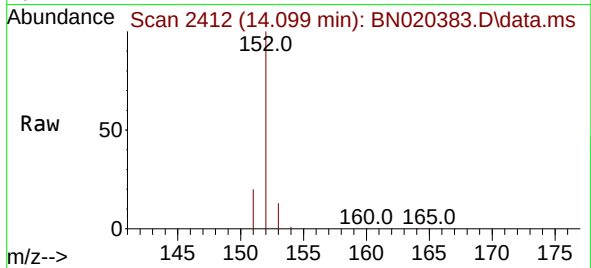




#10
Acenaphthylene
Concen: 3.040 ng/u1
RT: 14.099 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

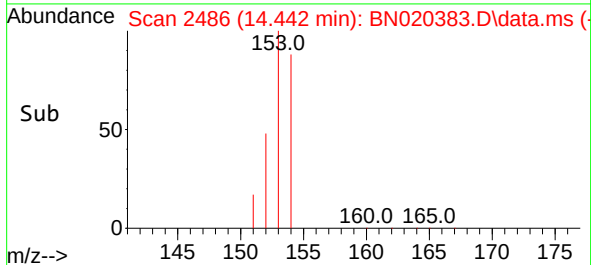
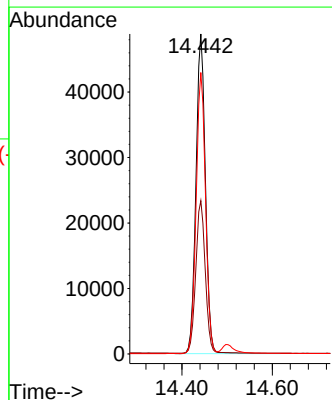
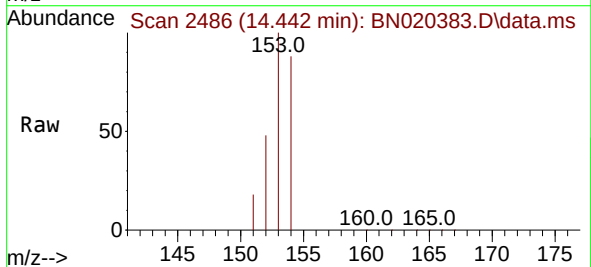
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BNA_N
ClientSampleId :
SSTD3.2214

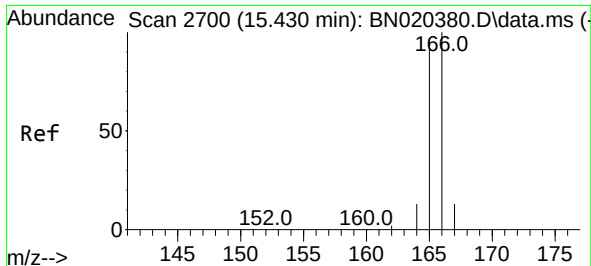
Tgt Ion:152 Resp: 96448
Ion Ratio Lower Upper
152 100
151 19.7 16.5 24.7
153 13.1 11.1 16.7



#11
Acenaphthene
Concen: 2.334 ng/u1
RT: 14.442 min Scan# 2486
Delta R.T. 0.001 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

Tgt Ion:153 Resp: 70788
Ion Ratio Lower Upper
153 100
152 47.9 40.0 60.0
154 88.0 70.0 105.0

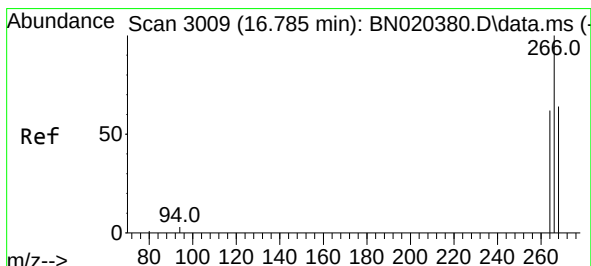
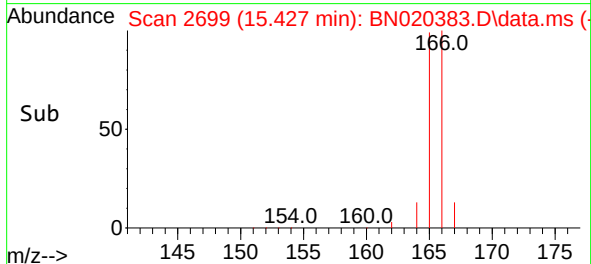
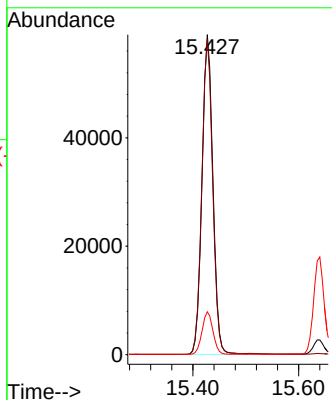
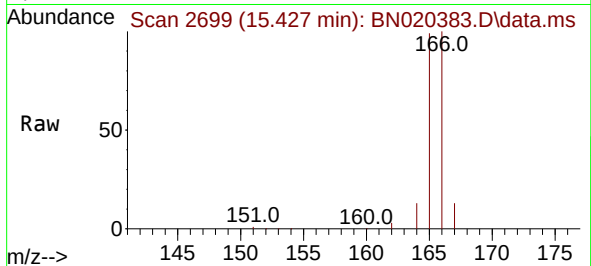




#12
Fluorene
Concen: 2.687 ng/ul
RT: 15.427 min Scan# 2699
Delta R.T. -0.003 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

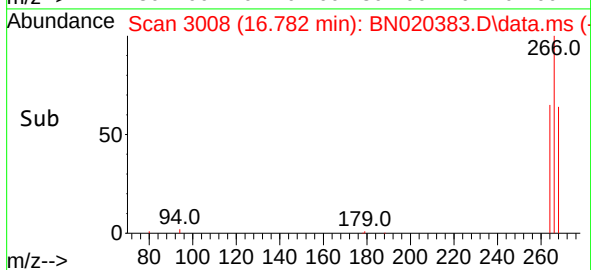
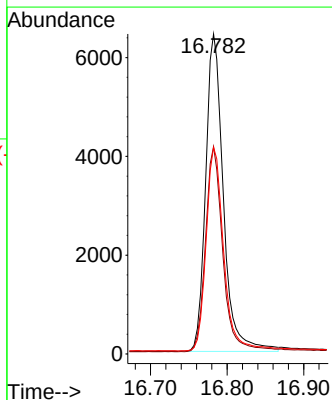
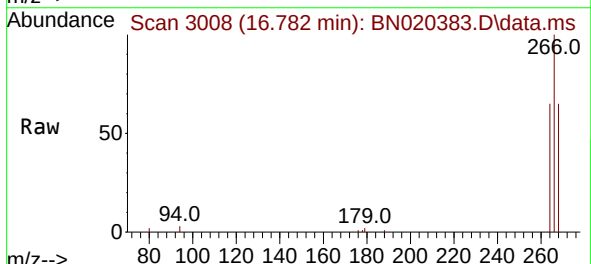
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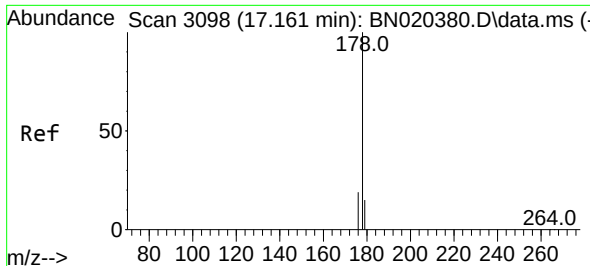
Tgt Ion:166 Resp: 84424
Ion Ratio Lower Upper
166 100
165 98.6 78.2 117.2
167 13.4 11.3 16.9



#14
Pentachlorophenol
Concen: 3.679 ng/ul
RT: 16.782 min Scan# 3008
Delta R.T. -0.003 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

Tgt Ion:266 Resp: 10317
Ion Ratio Lower Upper
266 100
264 63.5 51.6 77.4
268 64.0 51.5 77.3

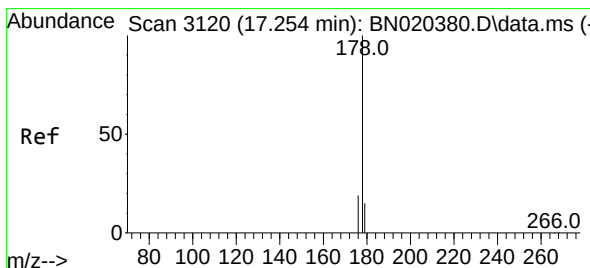
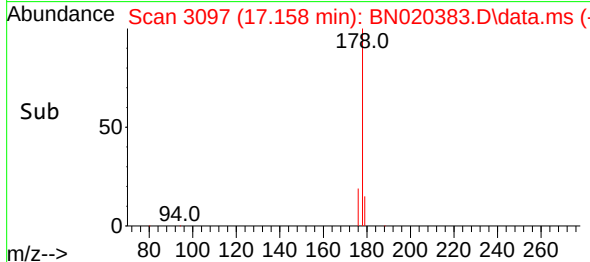
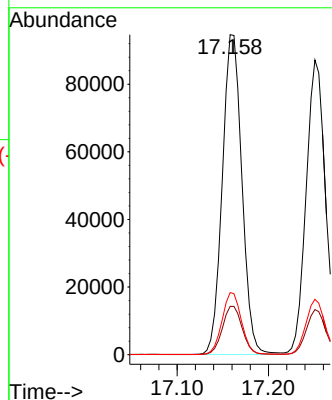
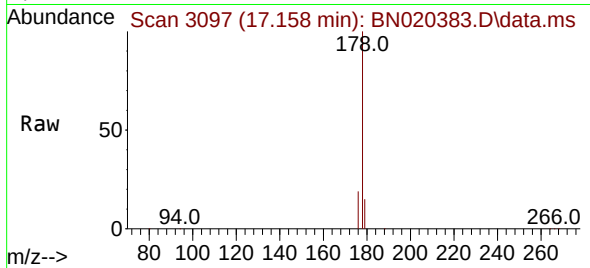




#15
Phenanthrene
Concen: 2.662 ng/ul
RT: 17.158 min Scan# 3097
Delta R.T. -0.003 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

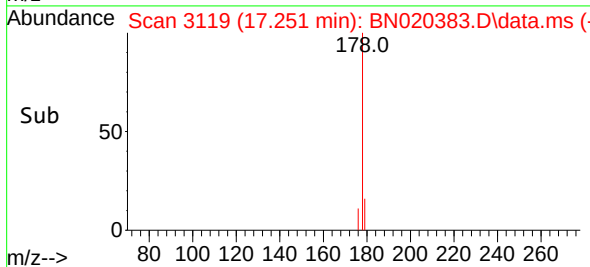
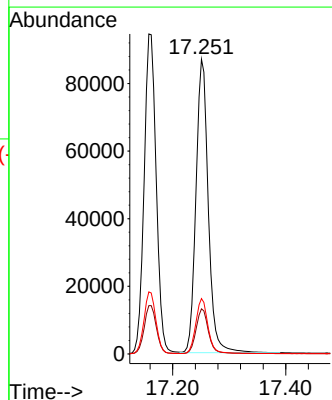
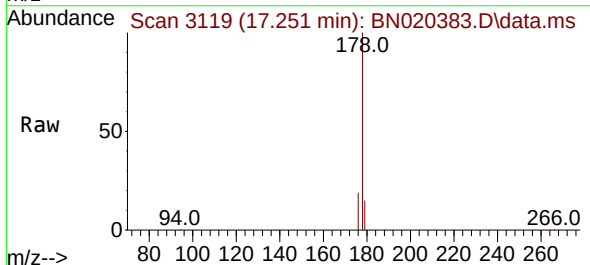
Instrument :
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ClientSampleId :
SSTD3.2214

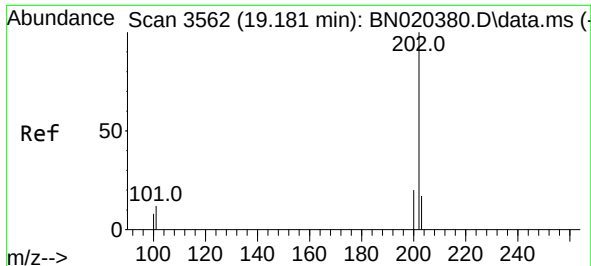
Tgt Ion:178 Resp: 140647
Ion Ratio Lower Upper
178 100
179 15.1 12.6 18.8
176 19.4 15.8 23.6



#16
Anthracene
Concen: 2.949 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

Tgt Ion:178 Resp: 131836
Ion Ratio Lower Upper
178 100
179 15.3 12.8 19.2
176 18.8 15.2 22.8

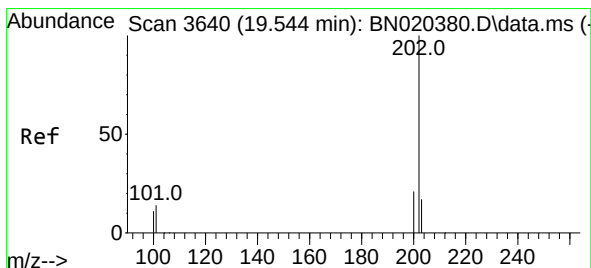
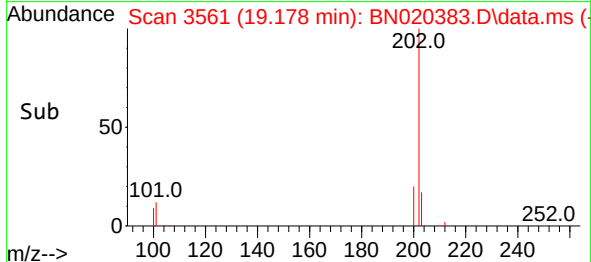
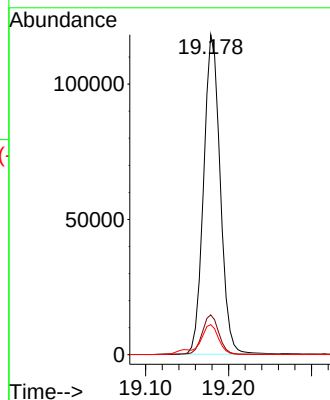
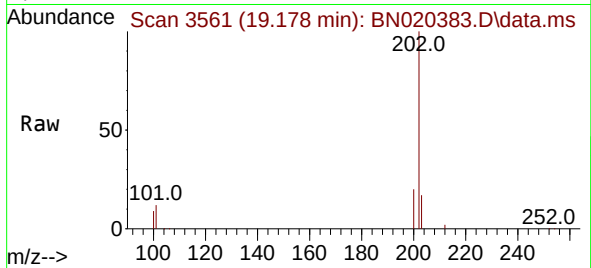




#19
Fluoranthene
Concen: 2.998 ng/u1
RT: 19.178 min Scan# 3561
Delta R.T. -0.003 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

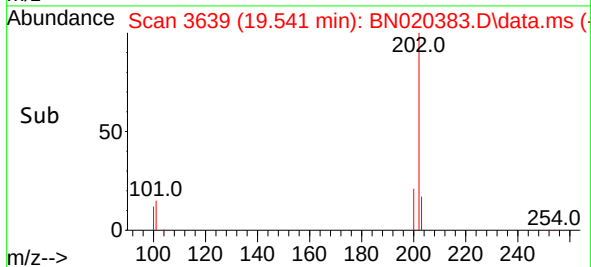
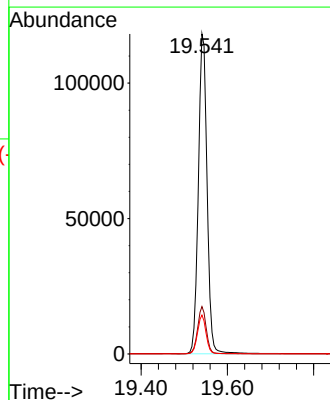
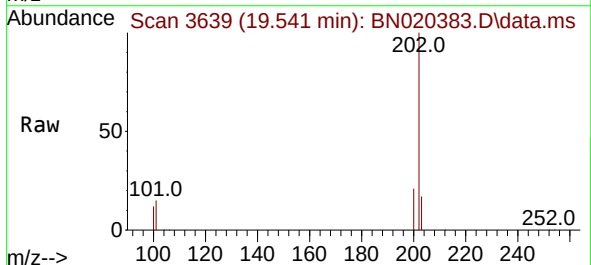
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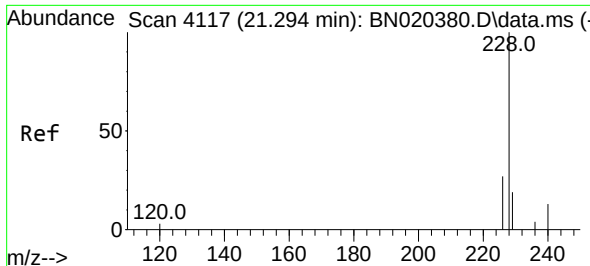
Tgt Ion:202 Resp: 164636
Ion Ratio Lower Upper
202 100
101 12.4 10.3 15.5
100 9.4 7.8 11.6



#20
Pyrene
Concen: 2.777 ng/u1
RT: 19.541 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

Tgt Ion:202 Resp: 165212
Ion Ratio Lower Upper
202 100
101 14.8 11.6 17.4
100 12.2 9.2 13.8

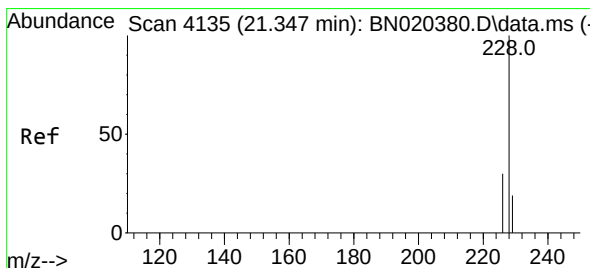
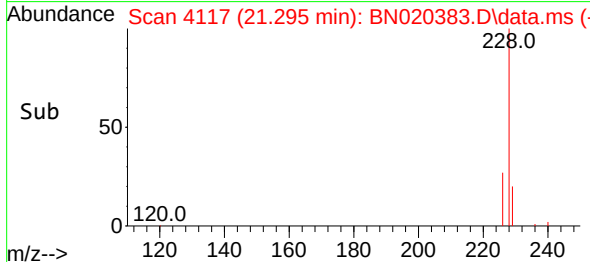
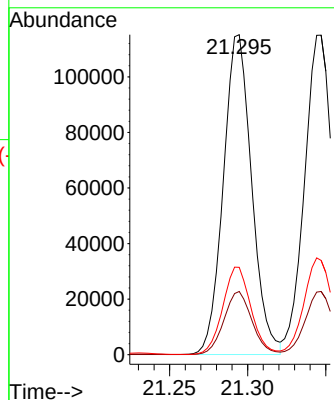
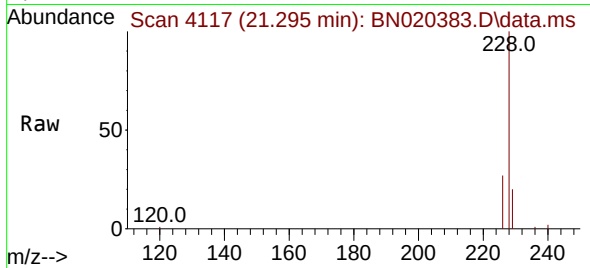




#21
Benzo(a)anthracene
Concen: 2.761 ng/ul
RT: 21.295 min Scan# 4117
Delta R.T. 0.000 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

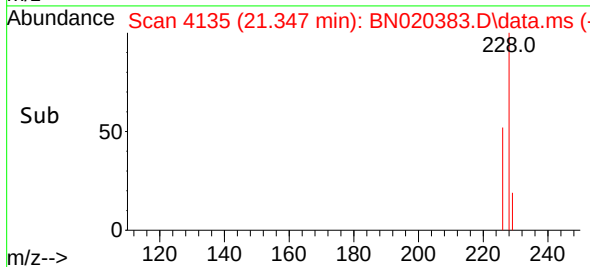
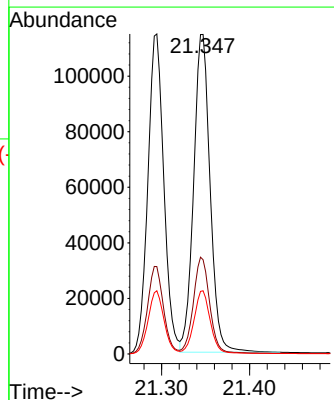
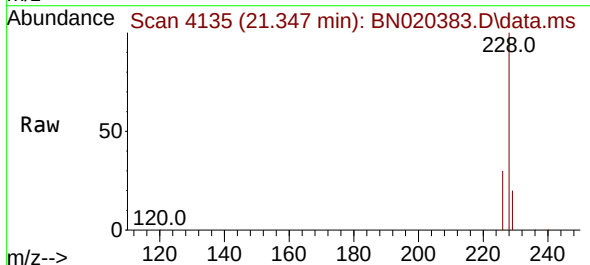
Instrument :
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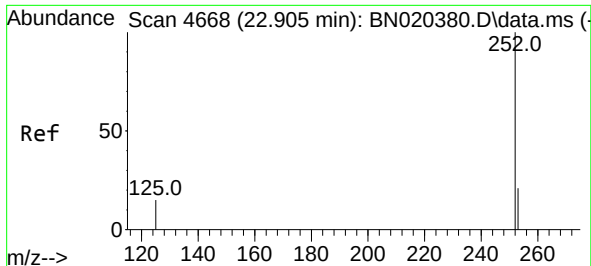
Tgt Ion:228 Resp: 145808
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.3 22.2 33.2



#22
Chrysene
Concen: 2.268 ng/ul
RT: 21.347 min Scan# 4135
Delta R.T. 0.000 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

Tgt Ion:228 Resp: 149137
Ion Ratio Lower Upper
228 100
226 29.5 23.9 35.9
229 19.8 15.8 23.8

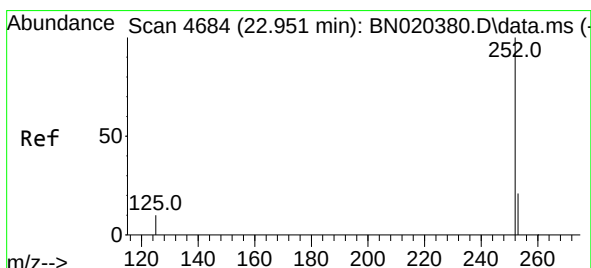
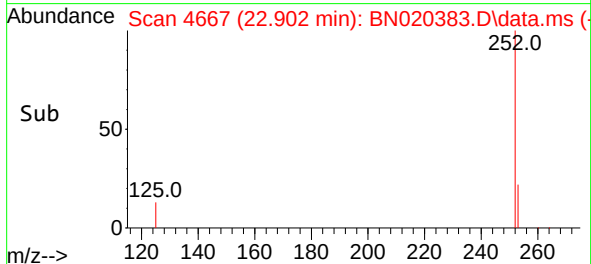
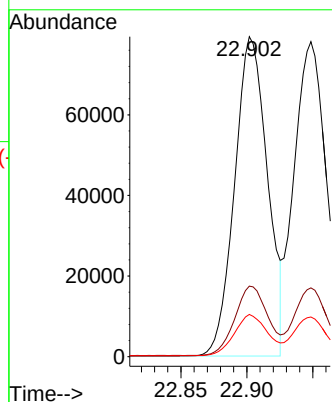
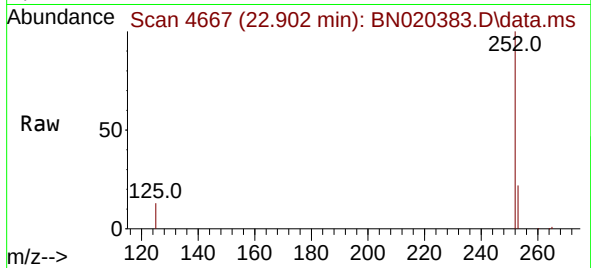




#24
Benzo(b)fluoranthene
Concen: 1.855 ng/ul
RT: 22.902 min Scan# 4667
Delta R.T. -0.003 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

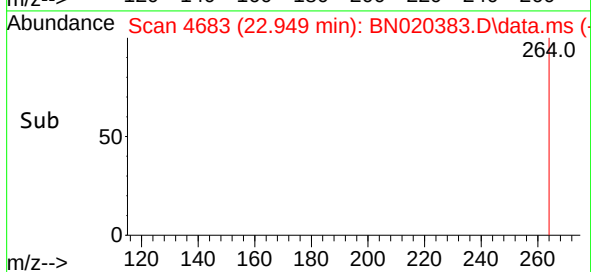
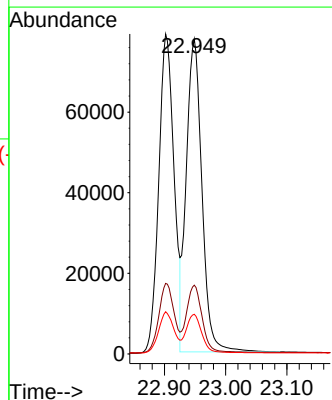
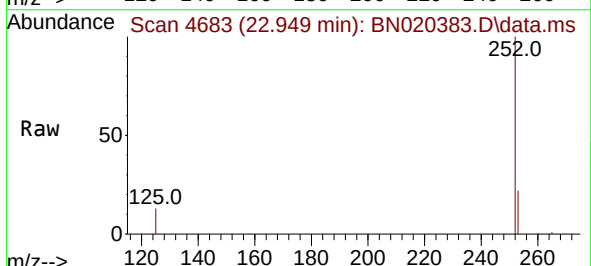
Instrument :
BNA_N
ClientSampleId :
SSTD3.2214

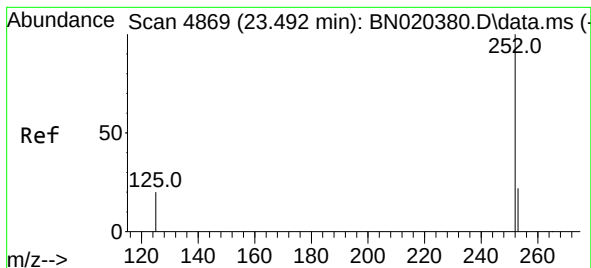
Tgt Ion:252 Resp: 137167
Ion Ratio Lower Upper
252 100
253 22.0 0.0 48.6
125 13.2 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 2.002 ng/ul
RT: 22.949 min Scan# 4683
Delta R.T. -0.003 min
Lab File: BN020383.D
Acq: 23 Jun 2022 22:12

Tgt Ion:252 Resp: 137944
Ion Ratio Lower Upper
252 100
253 21.9 19.7 29.5
125 12.6 12.0 18.0





#26

Benzo(a)pyrene

Concen: 2.688 ng/ul

RT: 23.492 min Scan# 4869

Delta R.T. 0.000 min

Lab File: BN020383.D

Acq: 23 Jun 2022 22:12

Instrument :

BNA_N

ClientSampleId :

SSTD3.2214

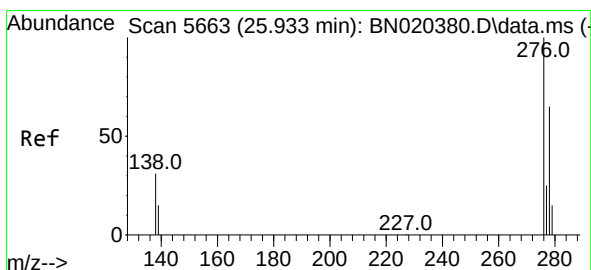
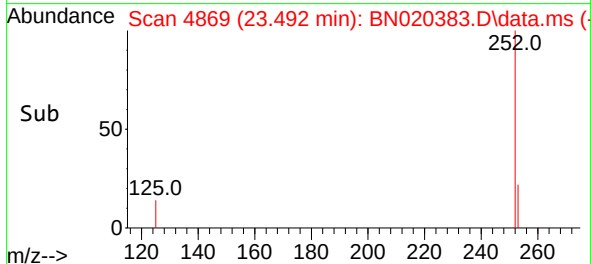
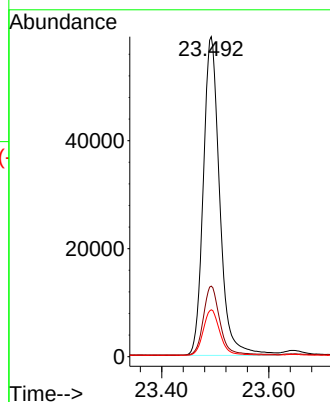
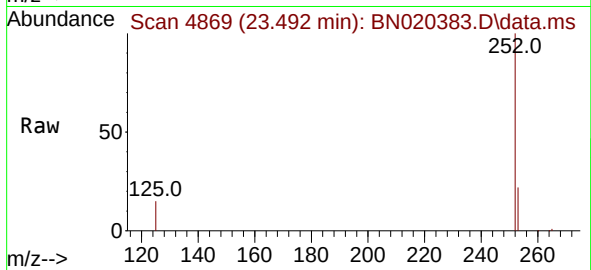
Tgt Ion:252 Resp: 125961

Ion Ratio Lower Upper

252 100

253 22.1 21.0 31.4

125 14.6 18.8 28.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.663 ng/ul

RT: 25.926 min Scan# 5661

Delta R.T. -0.007 min

Lab File: BN020383.D

Acq: 23 Jun 2022 22:12

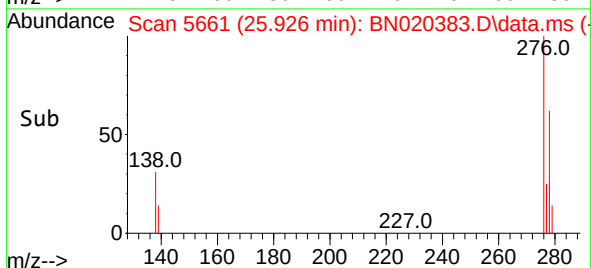
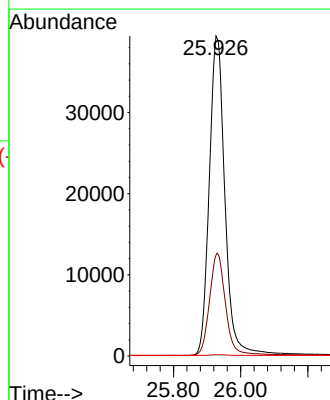
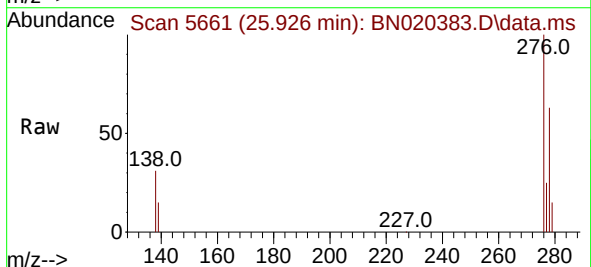
Tgt Ion:276 Resp: 126840

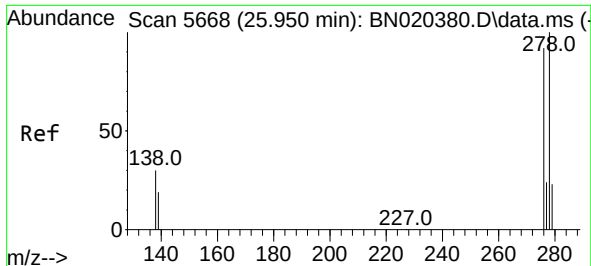
Ion Ratio Lower Upper

276 100

138 32.7 27.4 41.2

227 0.2 0.2 0.2

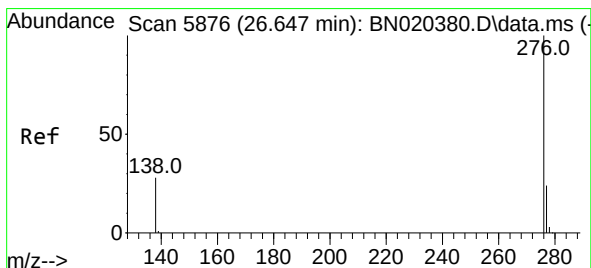
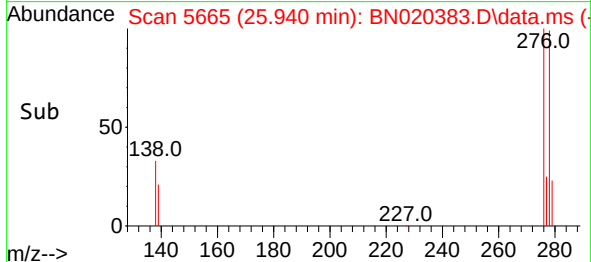
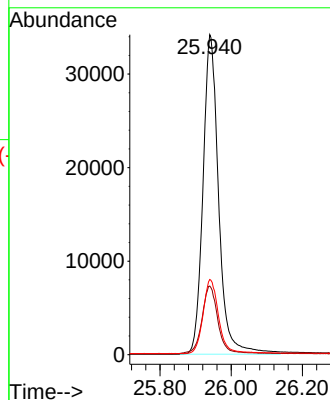
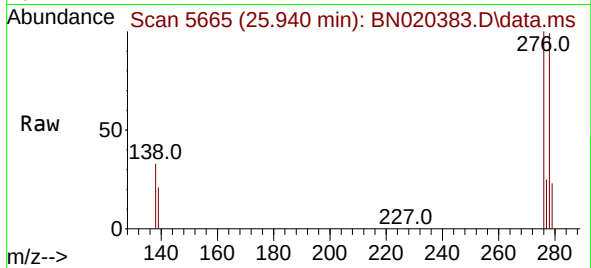




#28
 Dibenzo(a,h)anthracene
 Concen: 1.716 ng/ul
 RT: 25.940 min Scan# 5665
 Delta R.T. -0.010 min
 Lab File: BN020383.D
 Acq: 23 Jun 2022 22:12

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2214

Tgt Ion:278 Resp: 104330
 Ion Ratio Lower Upper
 278 100
 139 21.4 18.8 28.2
 279 23.5 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.570 ng/ul
 RT: 26.641 min Scan# 5874
 Delta R.T. -0.007 min
 Lab File: BN020383.D
 Acq: 23 Jun 2022 22:12

Tgt Ion:276 Resp: 105669
 Ion Ratio Lower Upper
 276 100
 138 28.2 23.5 35.3
 277 23.8 20.1 30.1

