

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080322\
 Data File : BN020979.D
 Acq On : 03 Aug 2022 15:43
 Operator : CG/JU
 Sample : SSTD3.2235
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2235

Quant Time: Aug 03 16:11:26 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 14:49:34 2022
 Response via : Initial Calibration

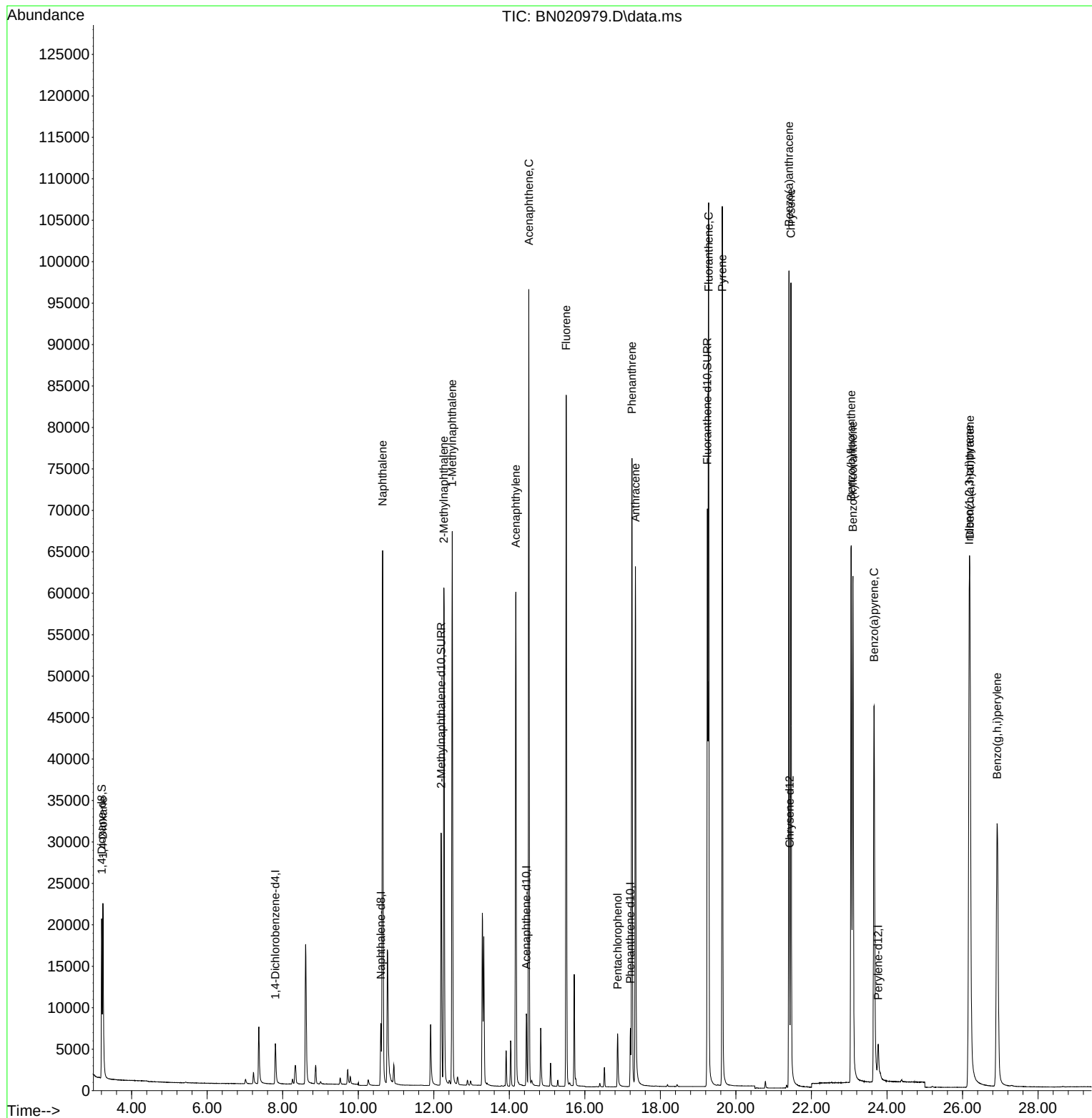
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	3323	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	10429	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.452	164	4963	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	8122	0.400	ng/ul	0.00
17) Chrysene-d12	21.421	240	7843	0.400	ng/ul	0.00
23) Perylene-d12	23.768	264	6264	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	12497	3.084	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.197	152	40030	2.603	ng/ul	-0.01
18) Fluoranthene-d10	19.245	212	76277	3.178	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	13454	3.084	ng/ul#	81
5) Naphthalene	10.646	128	93237	3.271	ng/ul	97
7) 2-Methylnaphthalene	12.268	142	44575	2.568	ng/ul	99
8) 1-Methylnaphthalene	12.488	142	47521	2.480	ng/ul	100
10) Acenaphthylene	14.174	152	72207	3.559	ng/ul	97
11) Acenaphthene	14.517	153	53868	3.177	ng/ul	97
12) Fluorene	15.507	166	53214	2.725	ng/ul	99
14) Pentachlorophenol	16.868	266	5012	3.865	ng/ul	100
15) Phenanthrene	17.248	178	82707	3.002	ng/ul	98
16) Anthracene	17.341	178	75250	3.179	ng/ul	98
19) Fluoranthene	19.277	202	95025	2.696	ng/ul	97
20) Pyrene	19.640	202	93386	2.530	ng/ul	99
21) Benzo(a)anthracene	21.404	228	81816	2.872	ng/ul	99
22) Chrysene	21.456	228	88564	2.515	ng/ul	99
24) Benzo(b)fluoranthene	23.052	252	85341	2.854	ng/ul	93
25) Benzo(k)fluoranthene	23.099	252	85503	2.638	ng/ul	93
26) Benzo(a)pyrene	23.657	252	77653	2.752	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.179	276	86257	2.601	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.196	278	70759	2.605	ng/ul	93
29) Benzo(g,h,i)perylene	26.917	276	74455	2.467	ng/ul	98

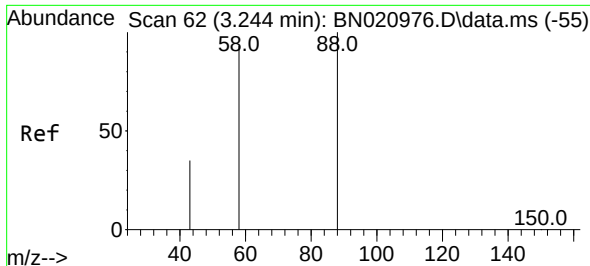
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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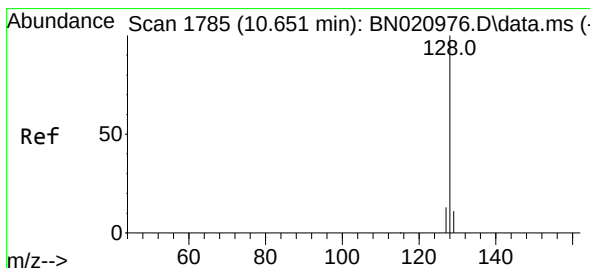
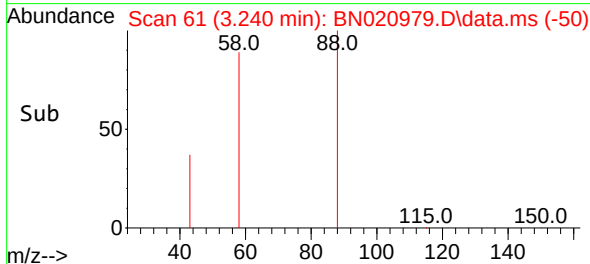
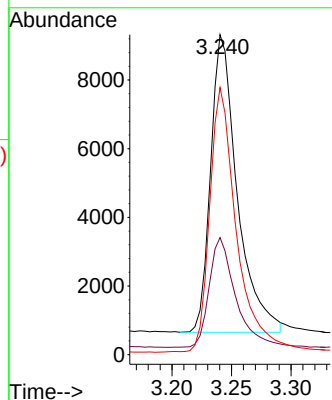
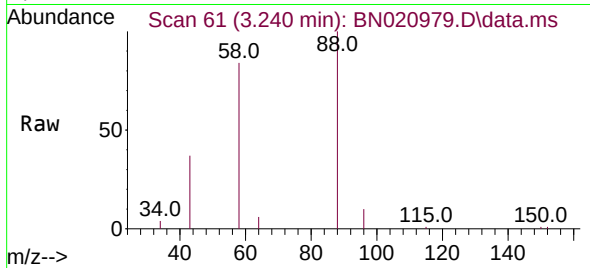




#2
 1,4-Dioxane
 Concen: 3.084 ng/ul
 RT: 3.240 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN020979.D
 Acq: 03 Aug 2022 15:43

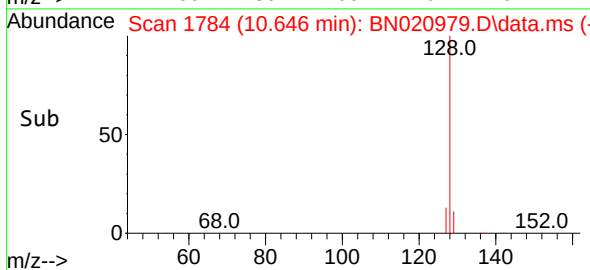
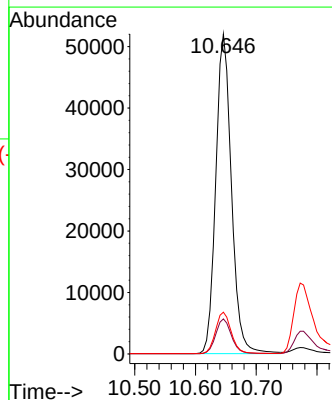
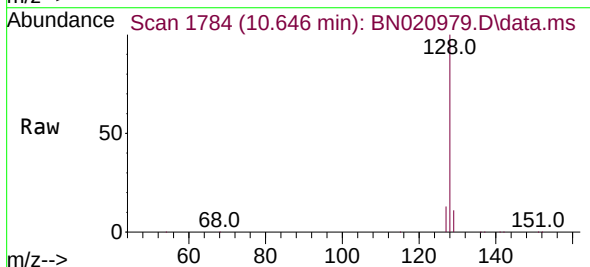
Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2235

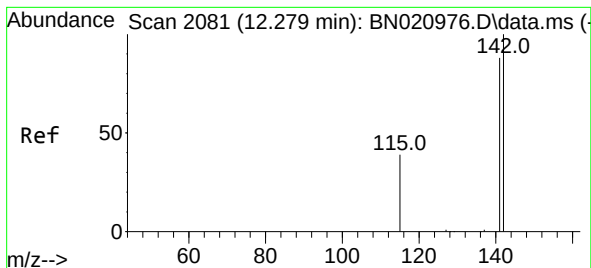
Tgt Ion: 88 Resp: 13454
 Ion Ratio Lower Upper
 88 100
 43 36.6 31.4 47.0
 58 83.5 49.0 73.6#



#5
 Naphthalene
 Concen: 3.271 ng/ul
 RT: 10.646 min Scan# 1784
 Delta R.T. -0.005 min
 Lab File: BN020979.D
 Acq: 03 Aug 2022 15:43

Tgt Ion: 128 Resp: 93237
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.8 14.6
 127 13.1 11.6 17.4

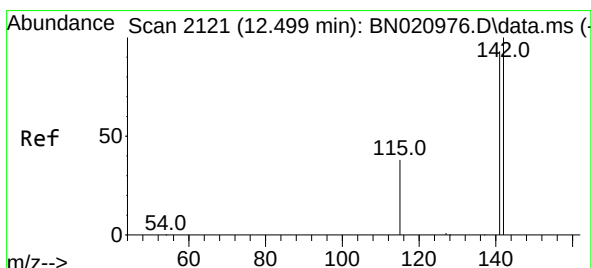
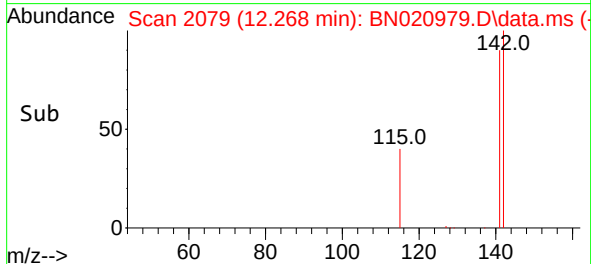
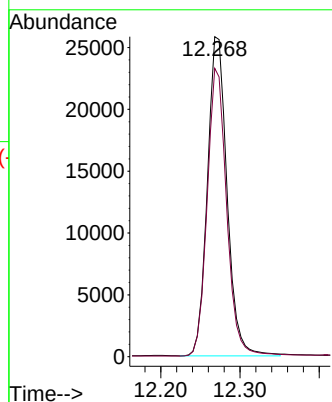
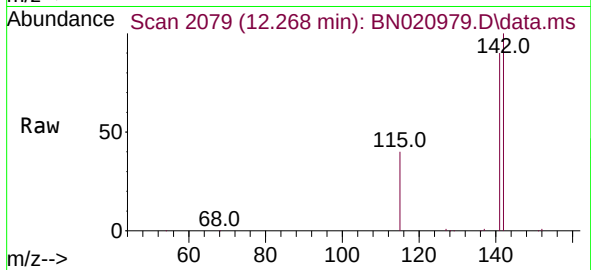




#7
2-Methylnaphthalene
Concen: 2.568 ng/ul
RT: 12.268 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

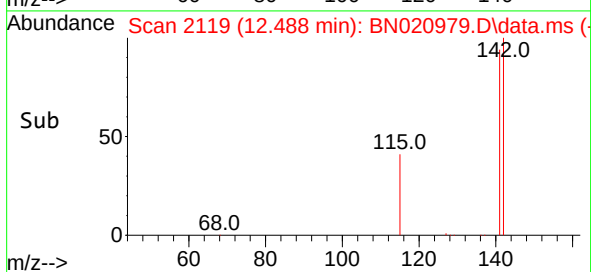
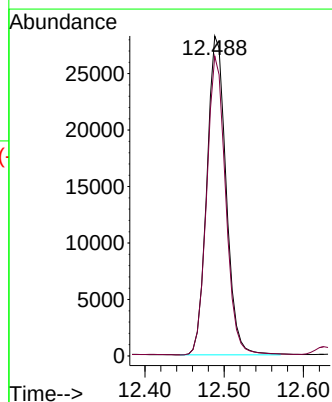
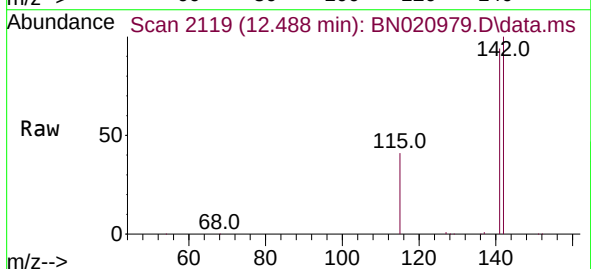
Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

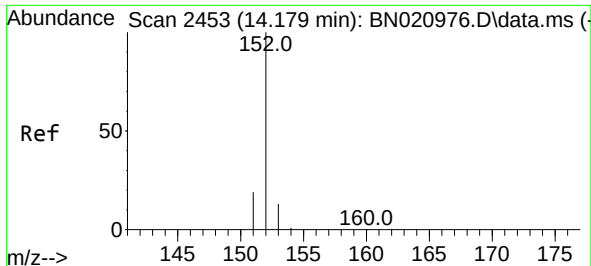
Tgt Ion:142 Resp: 44575
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 2.480 ng/ul
RT: 12.488 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

Tgt Ion:142 Resp: 47521
Ion Ratio Lower Upper
142 100
141 92.6 73.9 110.9

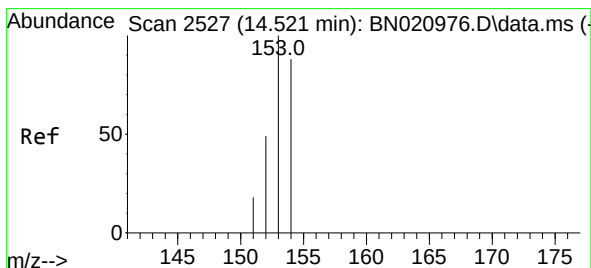
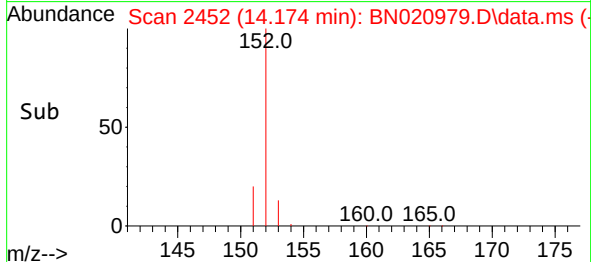
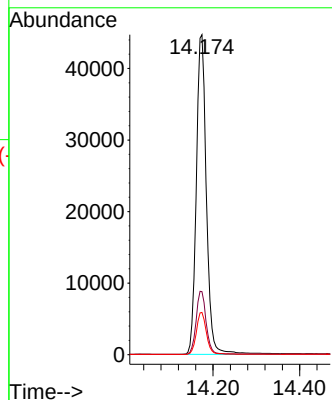
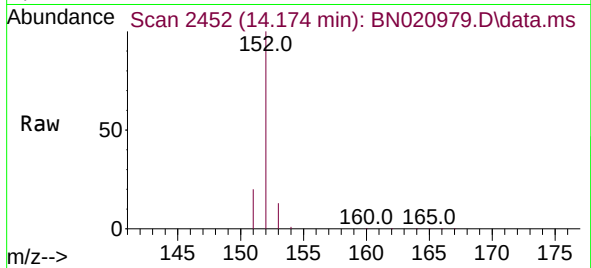




#10
Acenaphthylene
Concen: 3.559 ng/ul
RT: 14.174 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

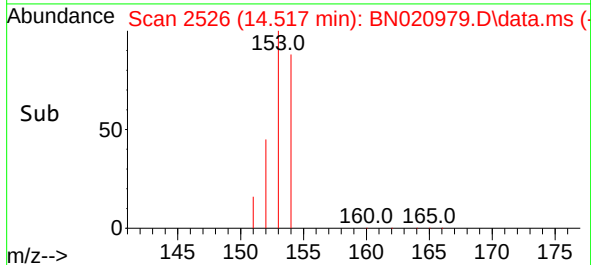
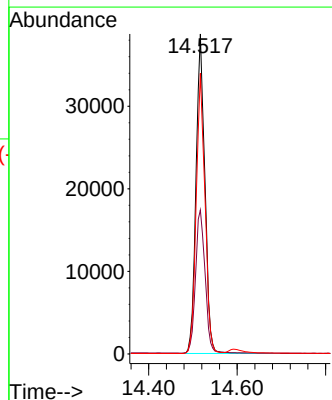
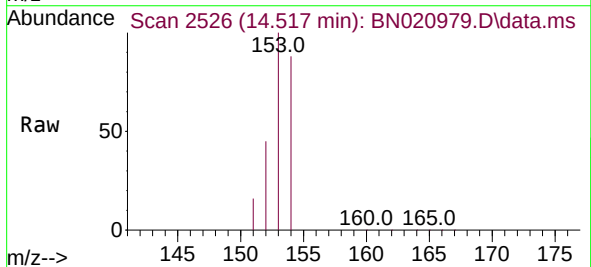
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ClientSampleId :
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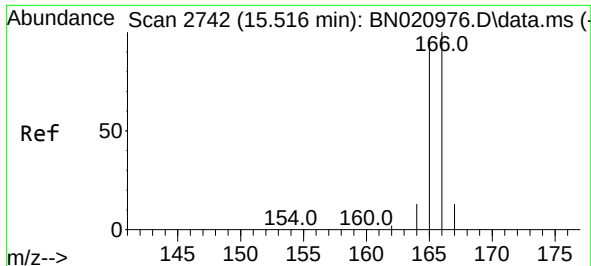
Tgt Ion:152 Resp: 72207
Ion Ratio Lower Upper
152 100
151 19.7 16.9 25.3
153 13.2 11.2 16.8



#11
Acenaphthene
Concen: 3.177 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.004 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

Tgt Ion:153 Resp: 53868
Ion Ratio Lower Upper
153 100
152 45.0 40.2 60.4
154 87.7 70.7 106.1

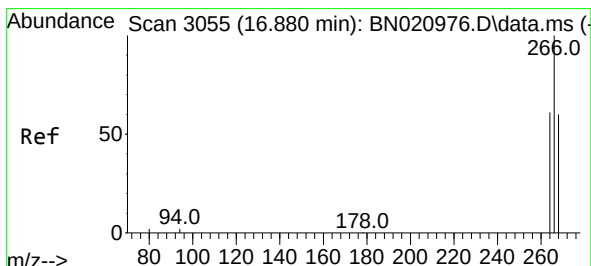
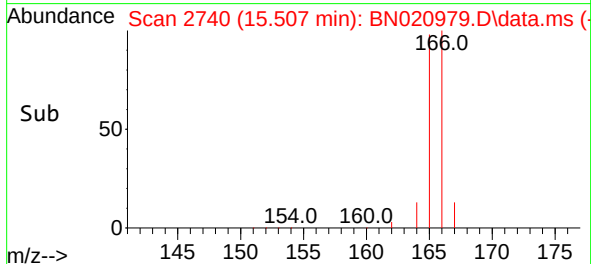
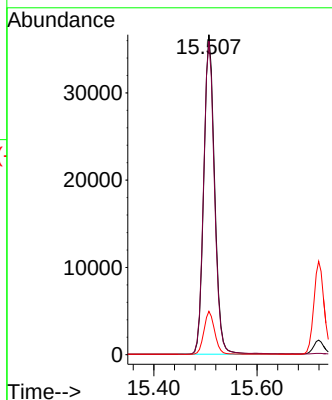
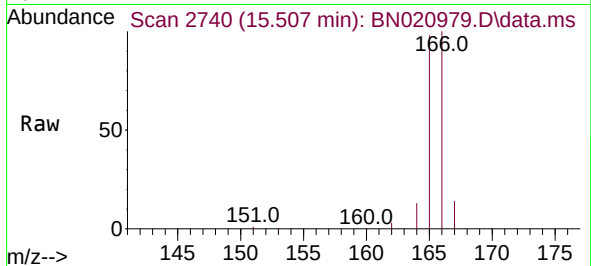




#12
Fluorene
Concen: 2.725 ng/ul
RT: 15.507 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

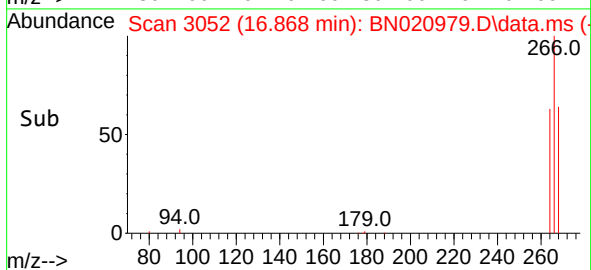
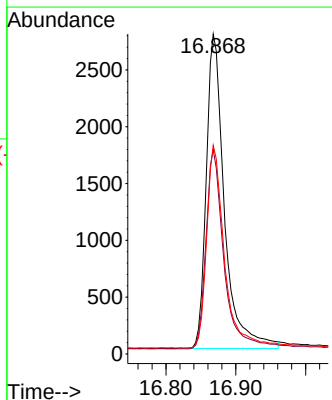
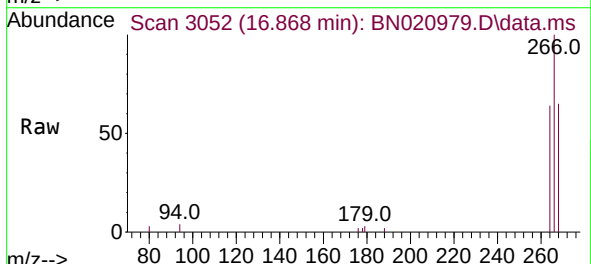
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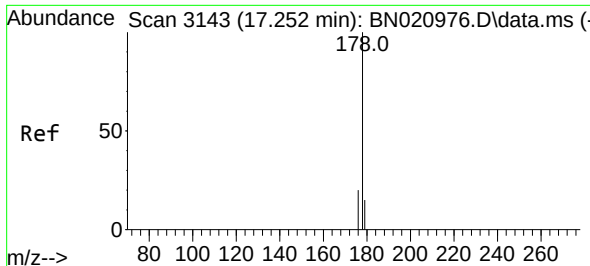
Tgt Ion:166 Resp: 53214
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.5 11.8 17.6



#14
Pentachlorophenol
Concen: 3.865 ng/ul
RT: 16.868 min Scan# 3052
Delta R.T. -0.012 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

Tgt Ion:266 Resp: 5012
Ion Ratio Lower Upper
266 100
264 62.6 49.8 74.8
268 63.6 50.6 75.8

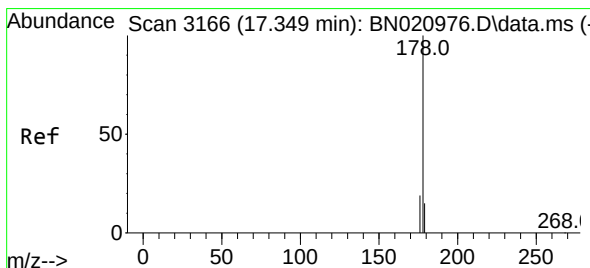
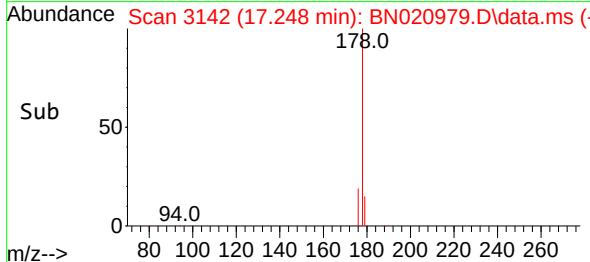
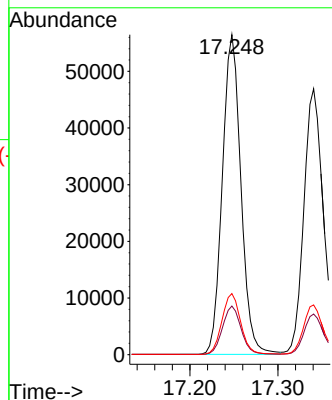
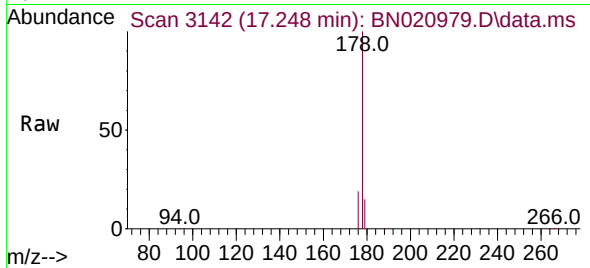




#15
Phenanthrene
Concen: 3.002 ng/ul
RT: 17.248 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

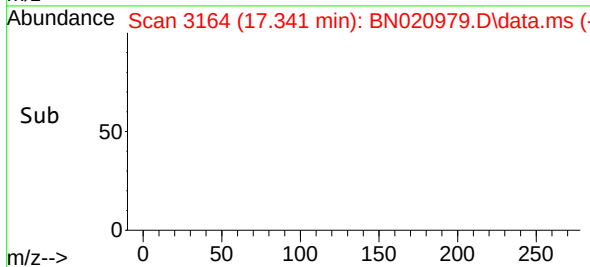
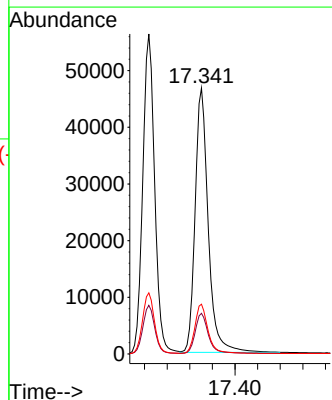
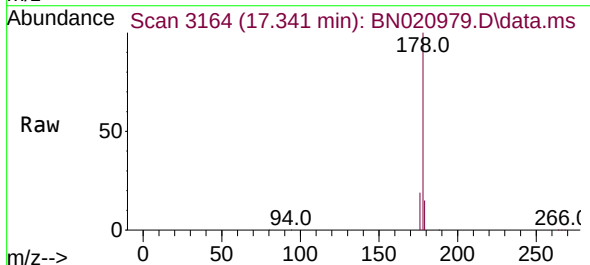
Instrument :
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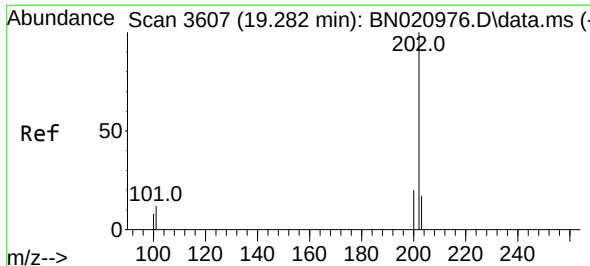
Tgt Ion:178 Resp: 82707
Ion Ratio Lower Upper
178 100
179 15.2 12.8 19.2
176 19.1 15.9 23.9



#16
Anthracene
Concen: 3.179 ng/ul
RT: 17.341 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

Tgt Ion:178 Resp: 75250
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 18.7 15.9 23.9

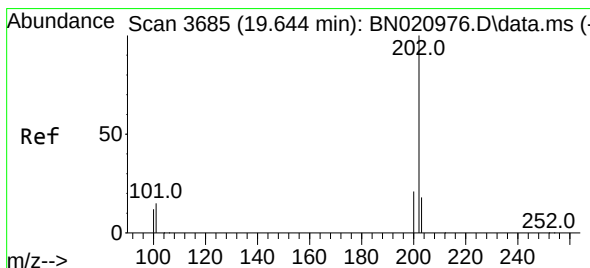
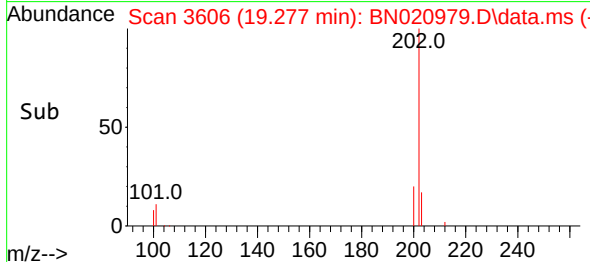
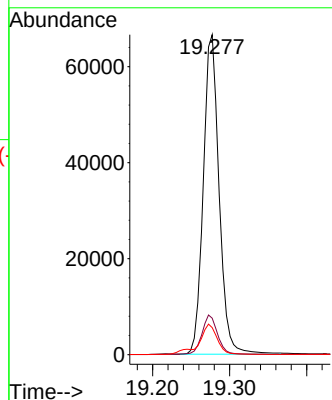
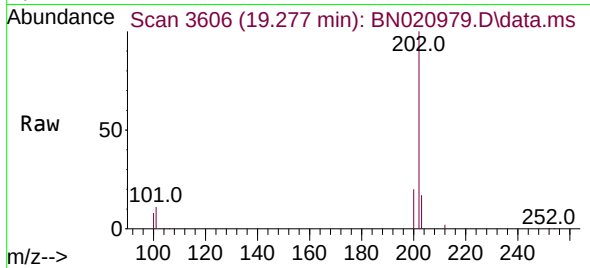




#19
Fluoranthene
Concen: 2.696 ng/u1
RT: 19.277 min Scan# 3606
Delta R.T. -0.004 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

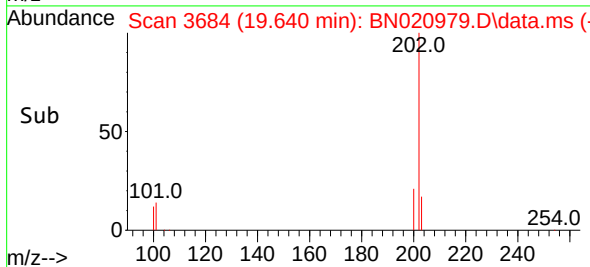
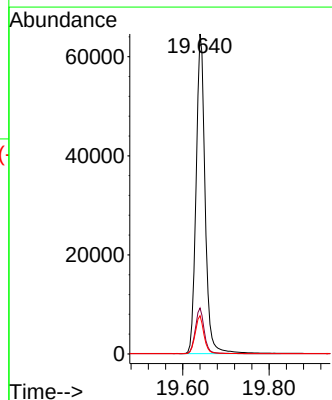
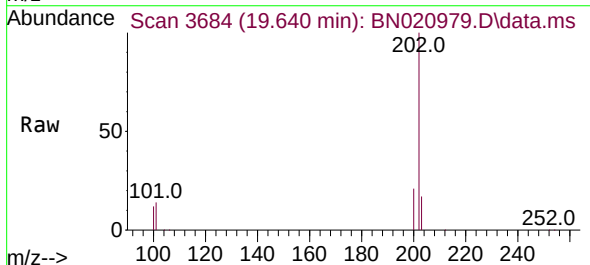
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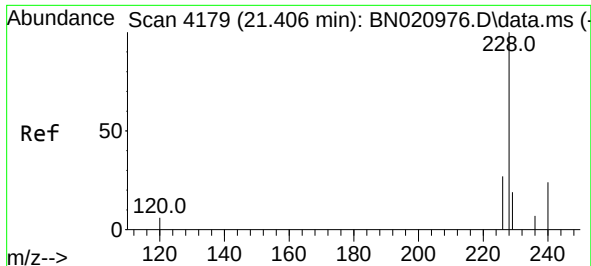
Tgt Ion:202 Resp: 95025
Ion Ratio Lower Upper
202 100
101 11.4 10.0 15.0
100 8.5 8.0 12.0



#20
Pyrene
Concen: 2.530 ng/u1
RT: 19.640 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

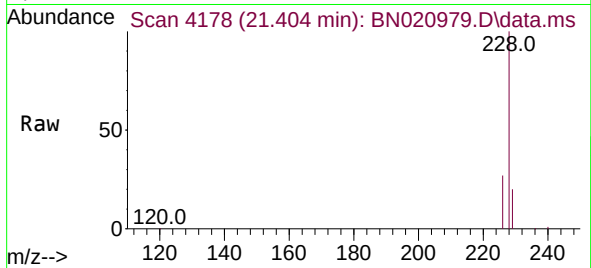
Tgt Ion:202 Resp: 93386
Ion Ratio Lower Upper
202 100
101 14.4 11.3 16.9
100 11.9 9.0 13.4



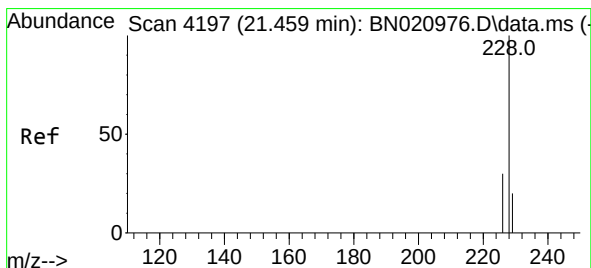
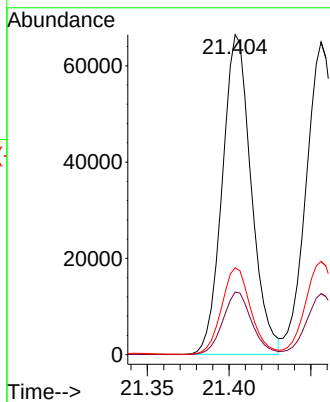
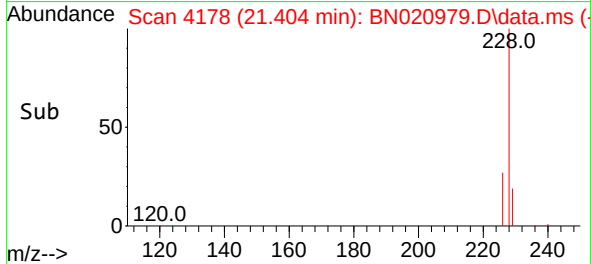


#21
Benzo(a)anthracene
Concen: 2.872 ng/ul
RT: 21.404 min Scan# 4178
Delta R.T. -0.003 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

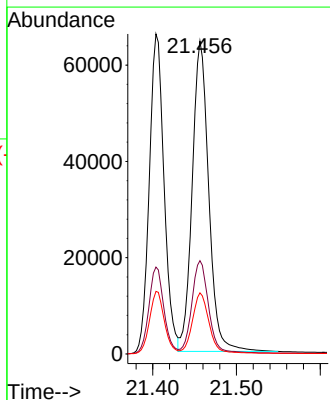
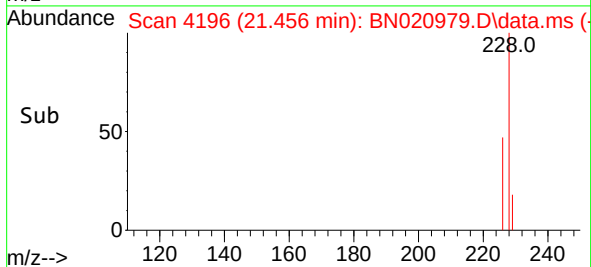
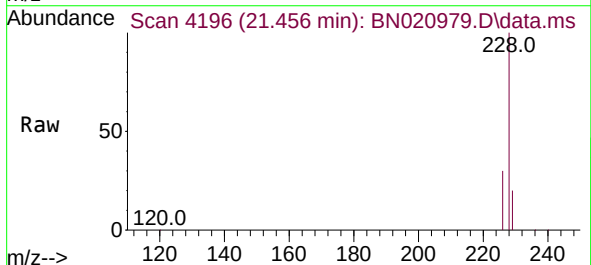


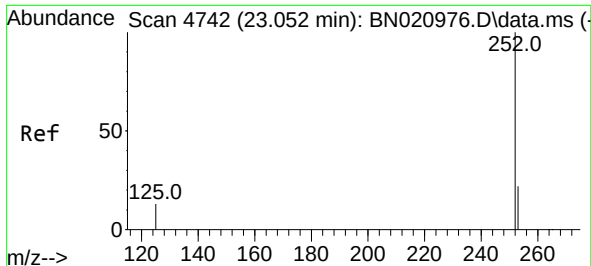
Tgt Ion:228 Resp: 81816
Ion Ratio Lower Upper
228 100
229 19.5 16.0 24.0
226 27.2 21.9 32.9



#22
Chrysene
Concen: 2.515 ng/ul
RT: 21.456 min Scan# 4196
Delta R.T. -0.003 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

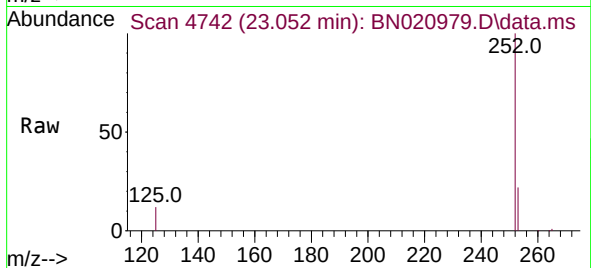
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Ion Ratio Lower Upper
228 100
226 29.8 24.6 37.0
229 19.5 15.8 23.8



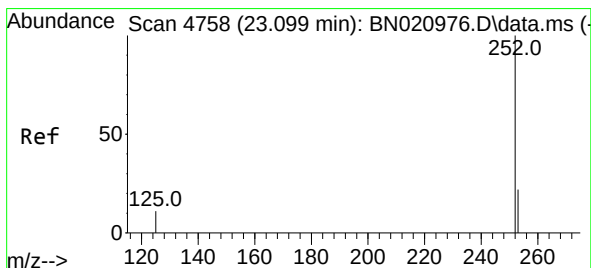
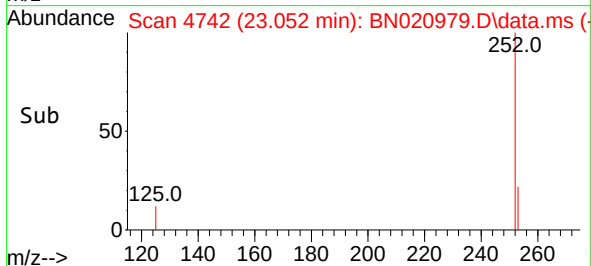
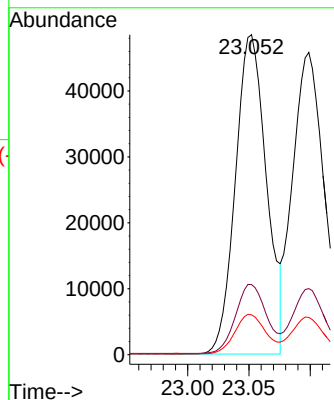


#24
Benzo(b)fluoranthene
Concen: 2.854 ng/ul
RT: 23.052 min Scan# 4742
Delta R.T. 0.000 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

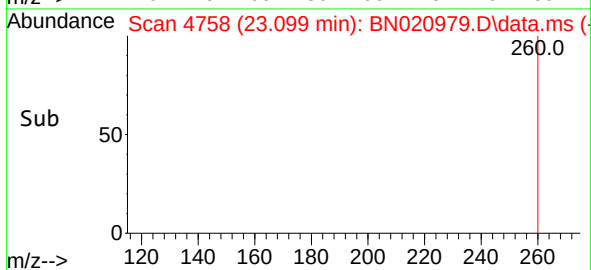
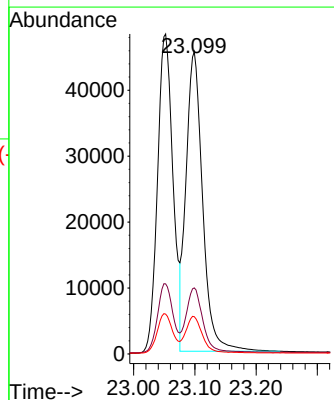
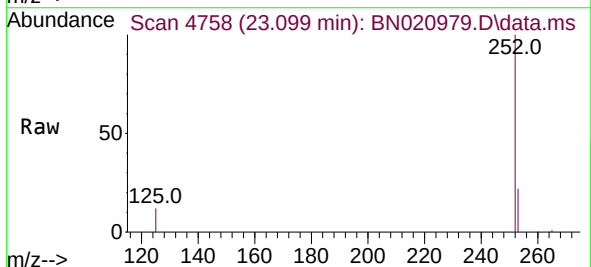


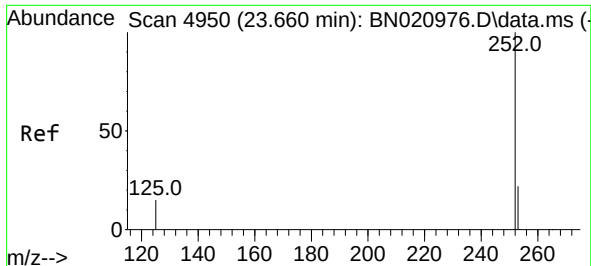
Tgt Ion:252 Resp: 85341
Ion Ratio Lower Upper
252 100
253 21.9 0.0 50.8
125 12.5 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 2.638 ng/ul
RT: 23.099 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

Tgt Ion:252 Resp: 85503
Ion Ratio Lower Upper
252 100
253 21.9 20.6 31.0
125 12.4 11.8 17.6

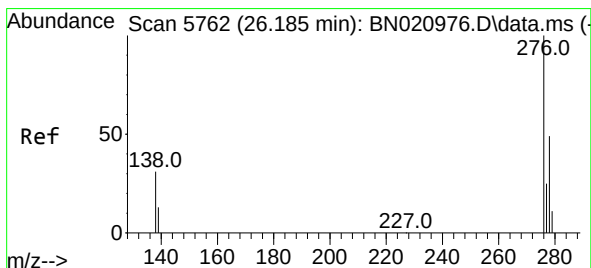
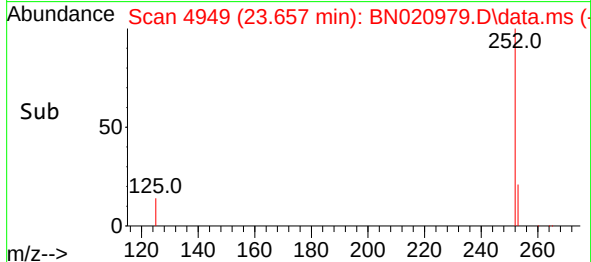
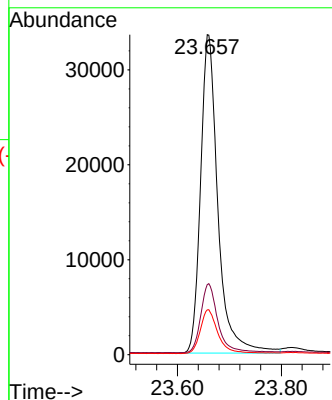
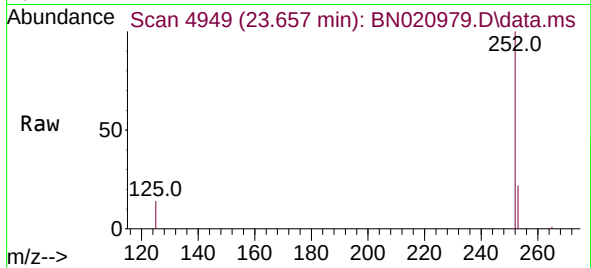




#26
Benzo(a)pyrene
Concen: 2.752 ng/ul
RT: 23.657 min Scan# 4950
Delta R.T. -0.003 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

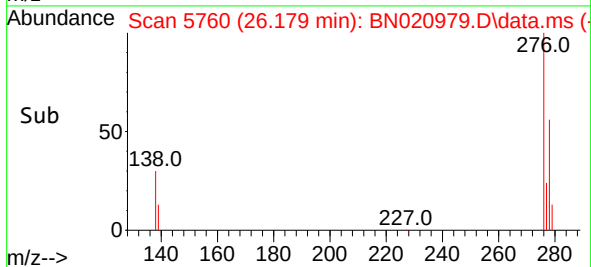
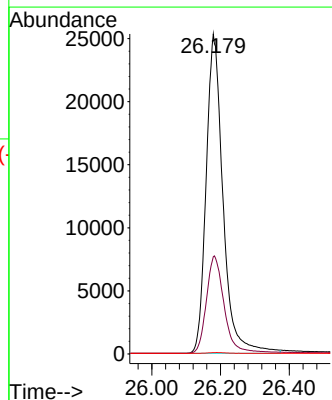
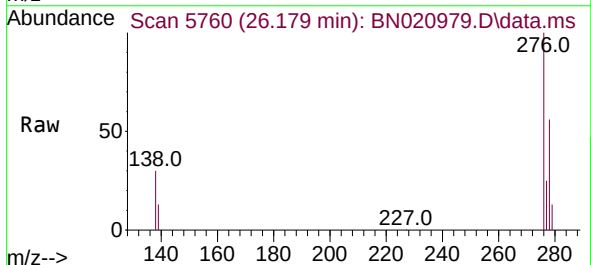
Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

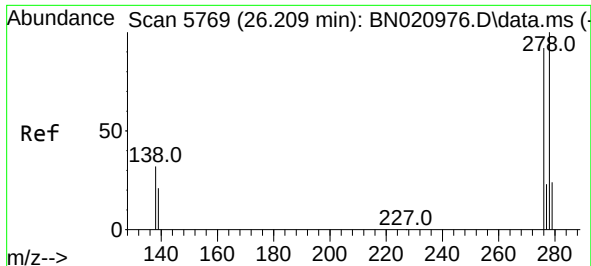
Tgt Ion:252 Resp: 77653
Ion Ratio Lower Upper
252 100
253 21.9 22.1 33.1#
125 14.0 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.601 ng/ul
RT: 26.179 min Scan# 5760
Delta R.T. -0.006 min
Lab File: BN020979.D
Acq: 03 Aug 2022 15:43

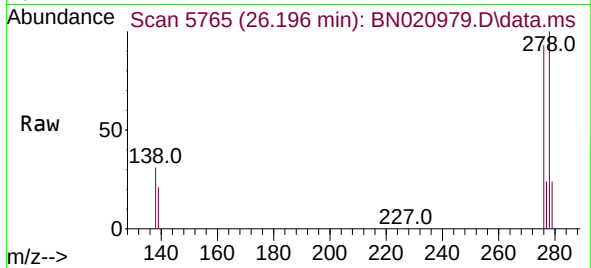
Tgt Ion:276 Resp: 86257
Ion Ratio Lower Upper
276 100
138 32.3 26.1 39.1
227 0.2 0.1 0.1#



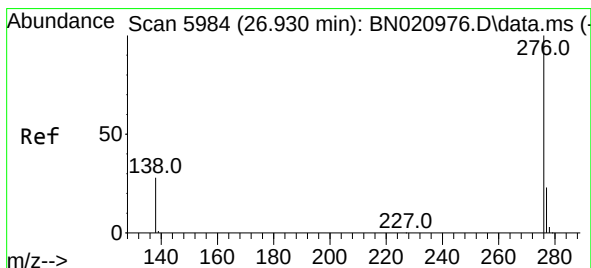
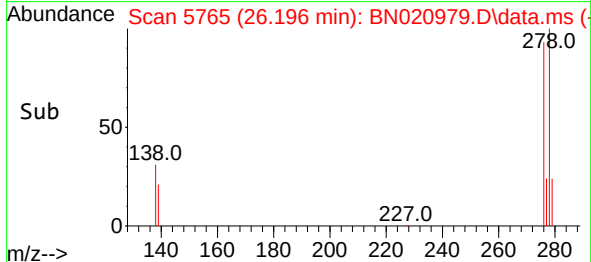
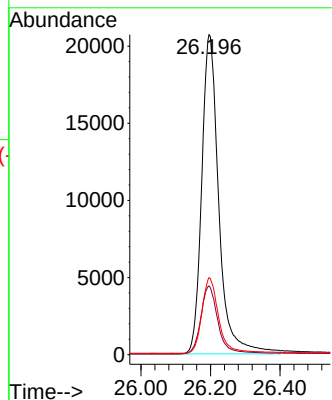


#28
 Dibenzo(a,h)anthracene
 Concen: 2.605 ng/ul
 RT: 26.196 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: BN020979.D
 Acq: 03 Aug 2022 15:43

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2235



Tgt Ion:278 Resp: 70759
 Ion Ratio Lower Upper
 278 100
 139 21.5 18.3 27.5
 279 24.1 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 2.467 ng/ul
 RT: 26.917 min Scan# 5980
 Delta R.T. -0.013 min
 Lab File: BN020979.D
 Acq: 03 Aug 2022 15:43

Tgt Ion:276 Resp: 74455
 Ion Ratio Lower Upper
 276 100
 138 27.6 22.6 34.0
 277 23.8 20.2 30.2

