

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080322\
 Data File : BN020978.D
 Acq On : 03 Aug 2022 15:06
 Operator : CG/JU
 Sample : SSTD1.6234
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6234

Quant Time: Aug 03 15:37:01 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)

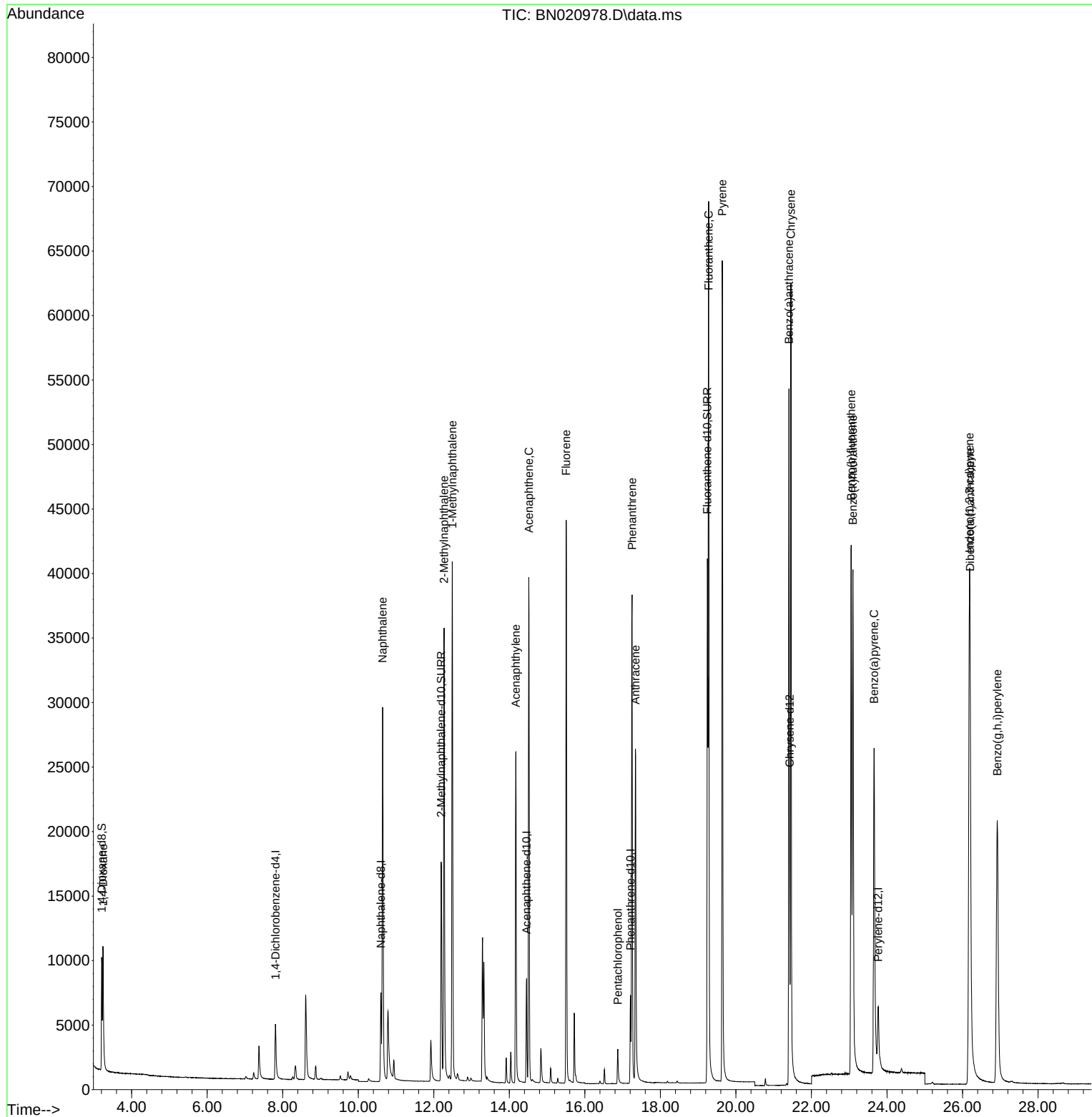
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	3120	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	9946	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	4564	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	8441	0.400	ng/ul	0.00
17) Chrysene-d12	21.421	240	9683	0.400	ng/ul	0.00
23) Perylene-d12	23.768	264	7499	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	5805	1.526	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.197	152	24138	1.646	ng/ul	-0.01
18) Fluoranthene-d10	19.245	212	46842	1.581	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.245	88	6252	1.526	ng/ul#	86
5) Naphthalene	10.646	128	43379	1.596	ng/ul	97
7) 2-Methylnaphthalene	12.274	142	27449	1.658	ng/ul	99
8) 1-Methylnaphthalene	12.494	142	29624	1.621	ng/ul	100
10) Acenaphthylene	14.175	152	31321	1.679	ng/ul	98
11) Acenaphthene	14.517	153	24073	1.544	ng/ul	99
12) Fluorene	15.507	166	28210	1.571	ng/ul	100
14) Pentachlorophenol	16.872	266	2152	1.597	ng/ul	98
15) Phenanthrene	17.252	178	42938	1.500	ng/ul	98
16) Anthracene	17.341	178	33507	1.362	ng/ul	98
19) Fluoranthene	19.277	202	60922	1.400	ng/ul	99
20) Pyrene	19.640	202	59542	1.307	ng/ul	96
21) Benzo(a)anthracene	21.404	228	48117	1.368	ng/ul	100
22) Chrysene	21.456	228	57654	1.326	ng/ul	99
24) Benzo(b)fluoranthene	23.052	252	54361	1.518	ng/ul	95
25) Benzo(k)fluoranthene	23.099	252	55872	1.440	ng/ul	94
26) Benzo(a)pyrene	23.660	252	47131	1.395	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.182	276	54824	1.381	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.199	278	44477	1.368	ng/ul	94
29) Benzo(g,h,i)perylene	26.920	276	47794	1.323	ng/ul	98

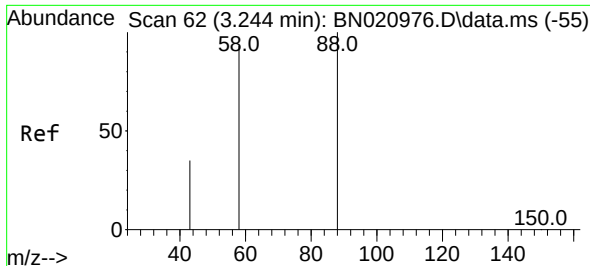
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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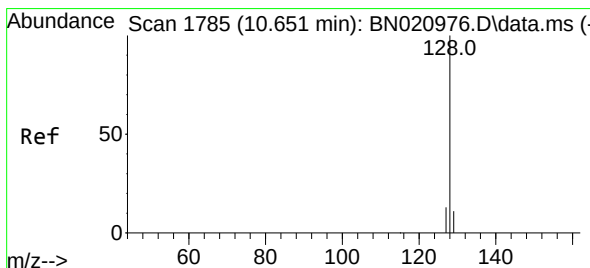
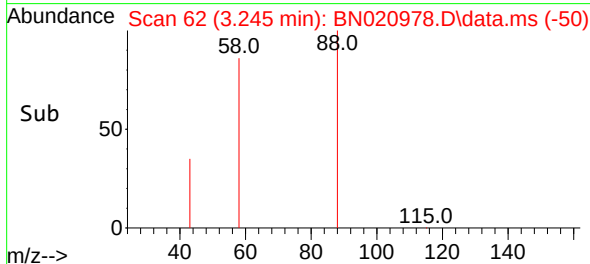
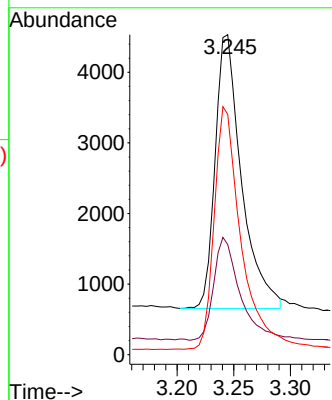
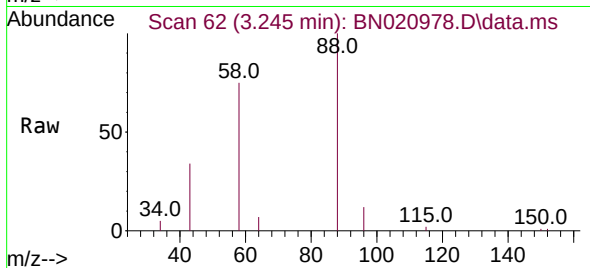




#2
 1,4-Dioxane
 Concen: 1.526 ng/ul
 RT: 3.245 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN020978.D
 Acq: 03 Aug 2022 15:06

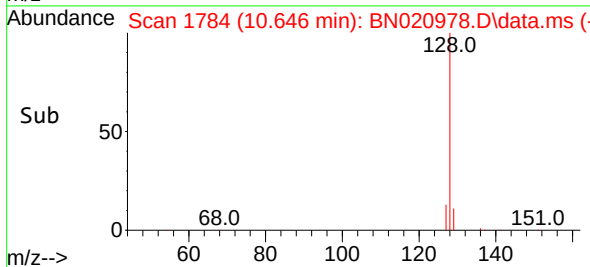
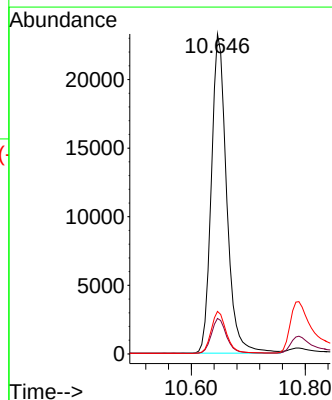
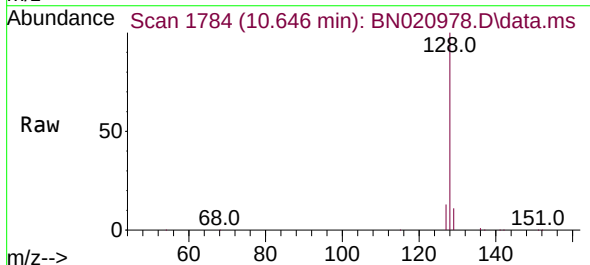
Instrument :
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 ClientSampleId :
 SSTD1.6234

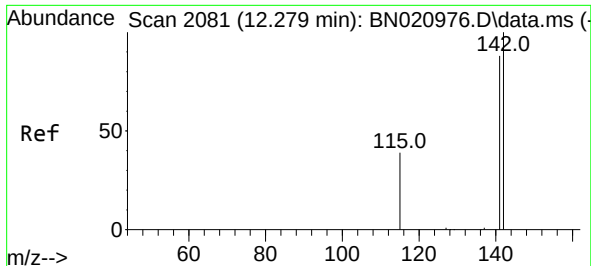
Tgt Ion: 88 Resp: 6252
 Ion Ratio Lower Upper
 88 100
 43 34.5 31.4 47.0
 58 75.1 49.0 73.6#



#5
 Naphthalene
 Concen: 1.596 ng/ul
 RT: 10.646 min Scan# 1784
 Delta R.T. -0.005 min
 Lab File: BN020978.D
 Acq: 03 Aug 2022 15:06

Tgt Ion: 128 Resp: 43379
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.8 14.6
 127 13.3 11.6 17.4

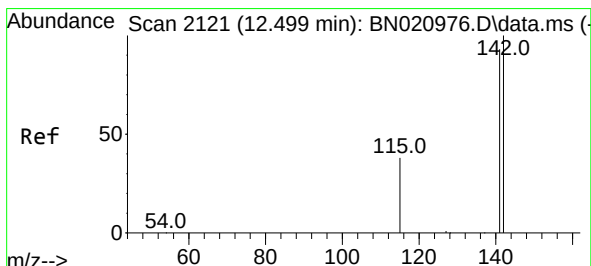
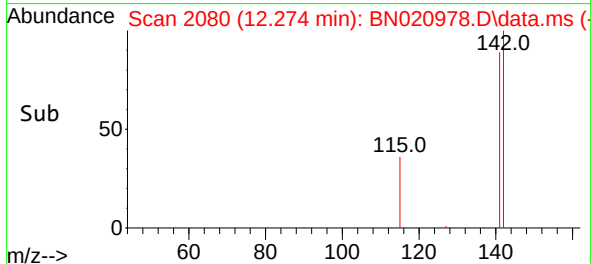
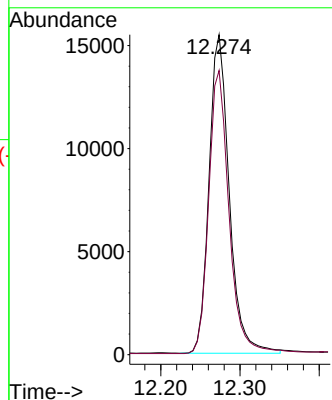
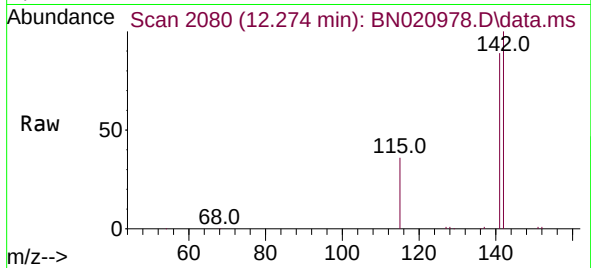




#7
2-Methylnaphthalene
Concen: 1.658 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

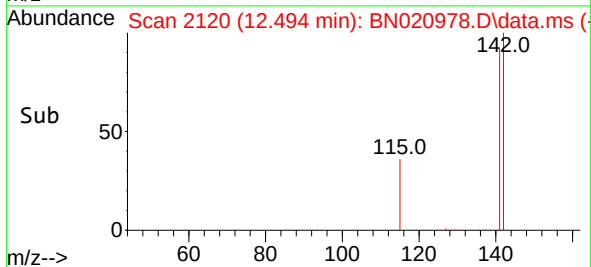
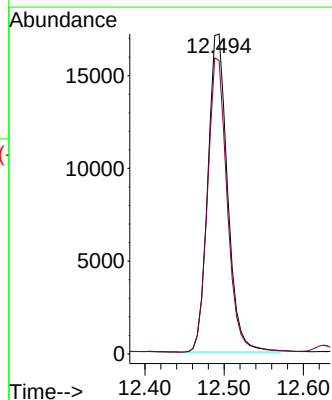
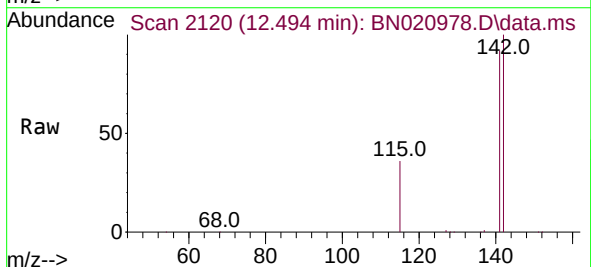
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

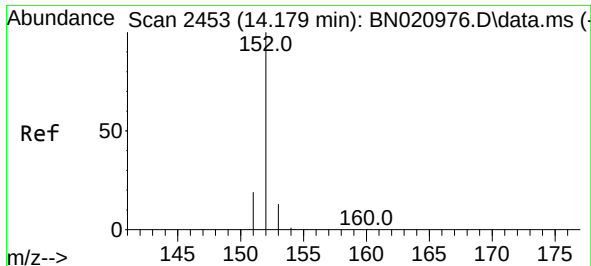
Tgt Ion:142 Resp: 27449
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 1.621 ng/ul
RT: 12.494 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

Tgt Ion:142 Resp: 29624
Ion Ratio Lower Upper
142 100
141 92.2 73.9 110.9

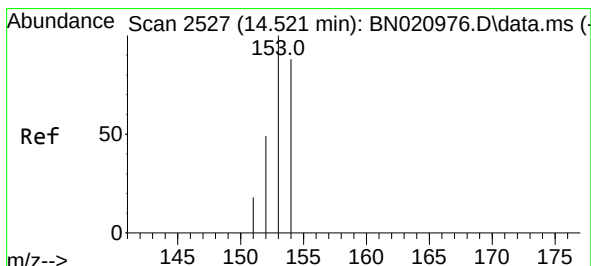
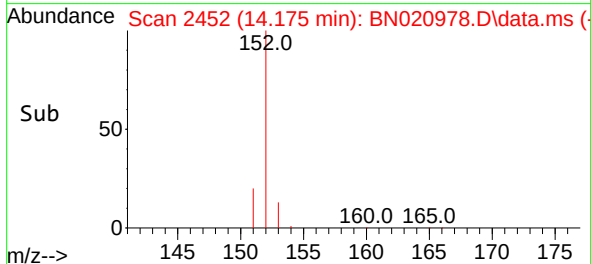
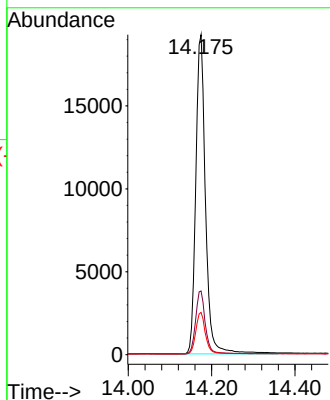
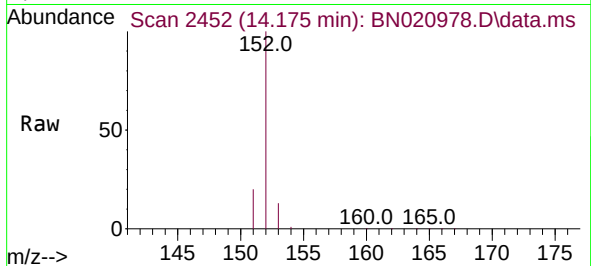




#10
Acenaphthylene
Concen: 1.679 ng/ul
RT: 14.175 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

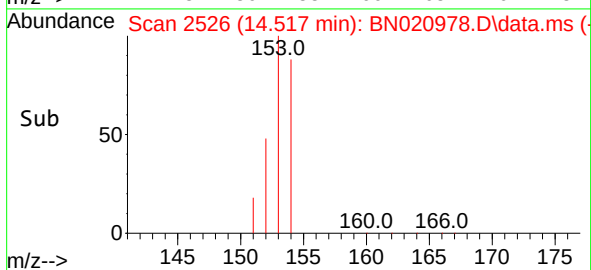
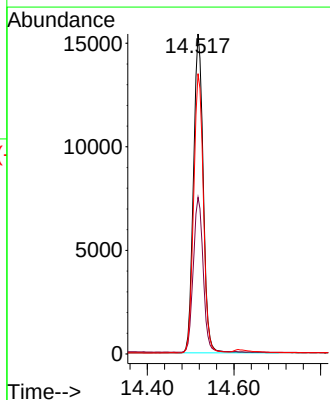
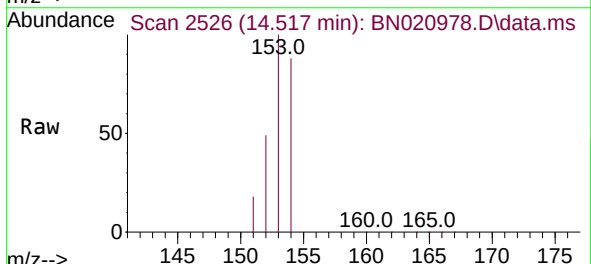
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

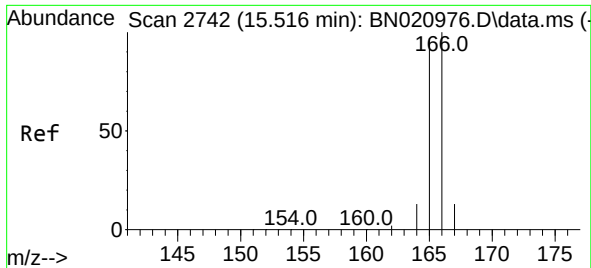
Tgt Ion:152 Resp: 31321
Ion Ratio Lower Upper
152 100
151 19.9 16.9 25.3
153 13.2 11.2 16.8



#11
Acenaphthene
Concen: 1.544 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.004 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

Tgt Ion:153 Resp: 24073
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.4
154 87.6 70.7 106.1

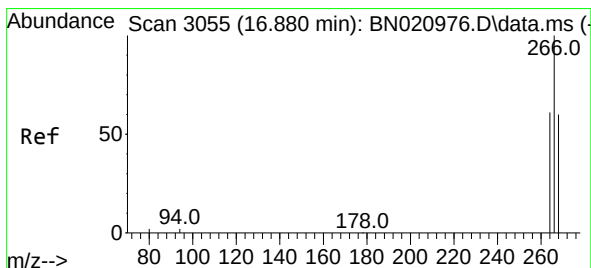
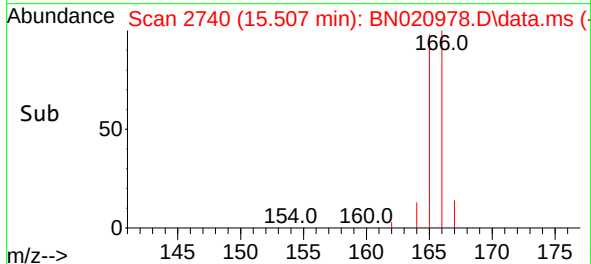
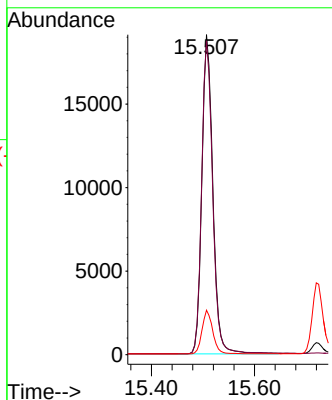
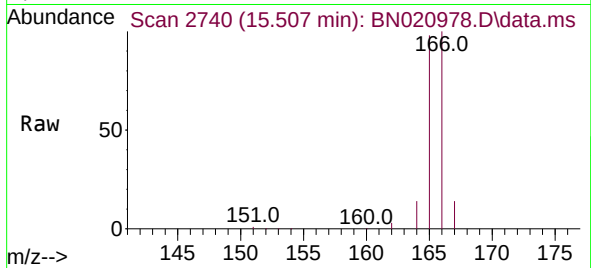




#12
Fluorene
Concen: 1.571 ng/ul
RT: 15.507 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

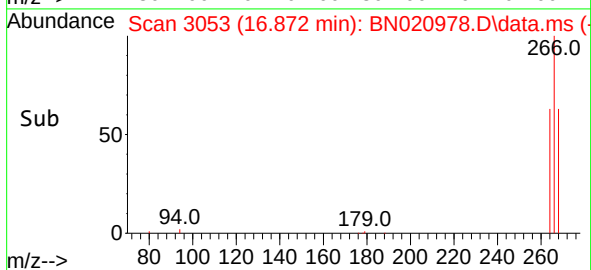
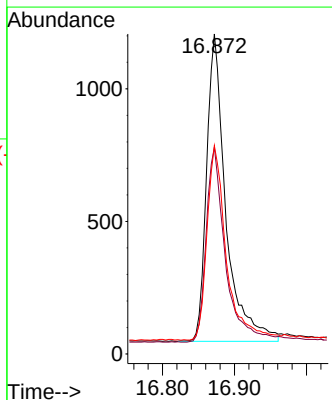
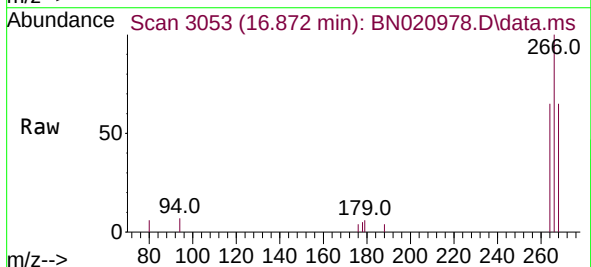
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

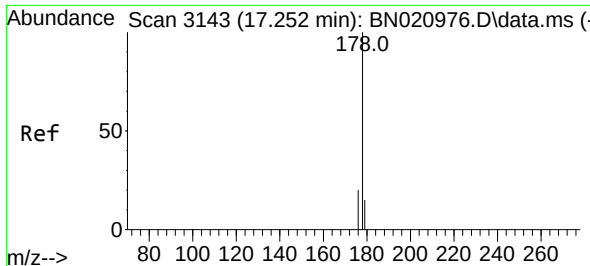
Tgt Ion:166 Resp: 28210
Ion Ratio Lower Upper
166 100
165 98.1 78.6 117.8
167 13.9 11.8 17.6



#14
Pentachlorophenol
Concen: 1.597 ng/ul
RT: 16.872 min Scan# 3053
Delta R.T. -0.008 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

Tgt Ion:266 Resp: 2152
Ion Ratio Lower Upper
266 100
264 63.8 49.8 74.8
268 64.4 50.6 75.8

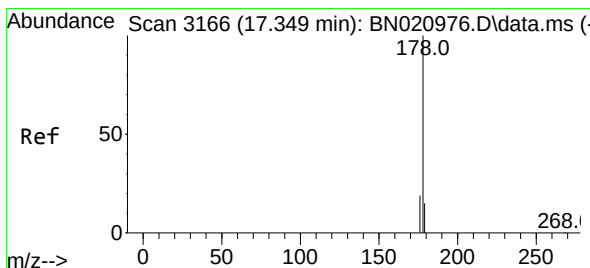
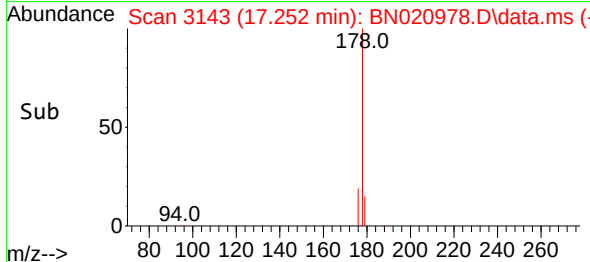
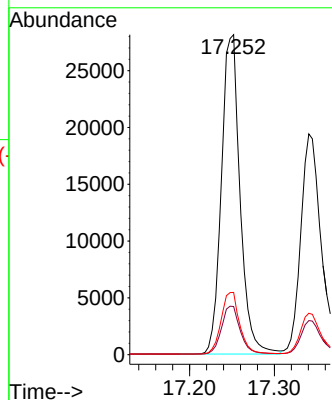
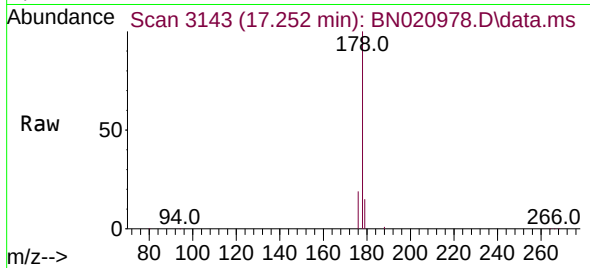




#15
Phenanthrene
Concen: 1.500 ng/ul
RT: 17.252 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

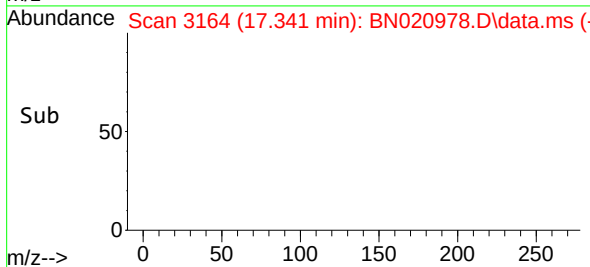
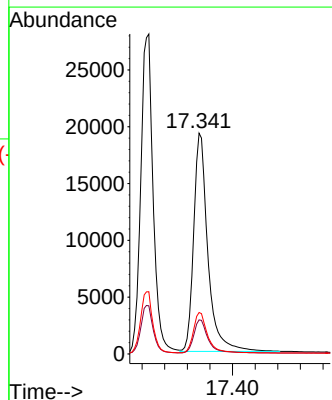
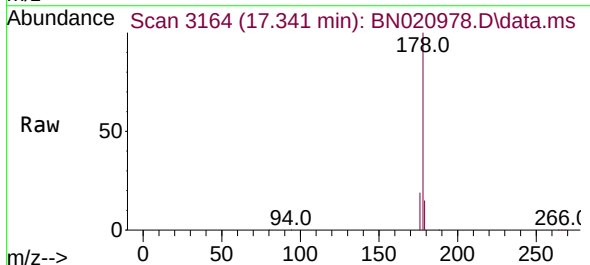
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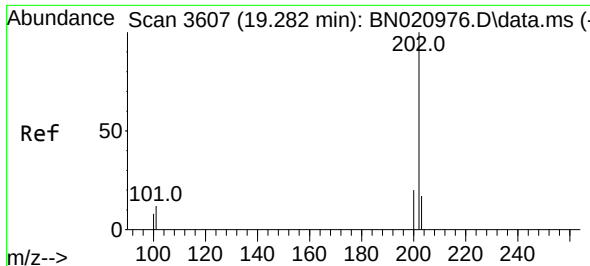
Tgt Ion:178 Resp: 42938
Ion Ratio Lower Upper
178 100
179 15.1 12.8 19.2
176 19.5 15.9 23.9



#16
Anthracene
Concen: 1.362 ng/ul
RT: 17.341 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

Tgt Ion:178 Resp: 33507
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 18.8 15.9 23.9

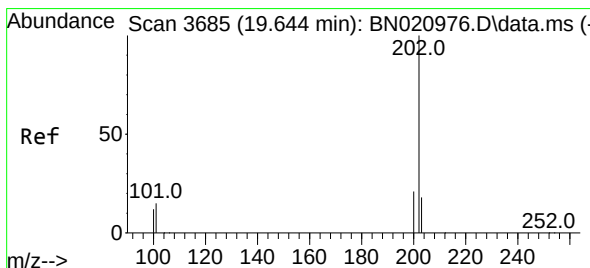
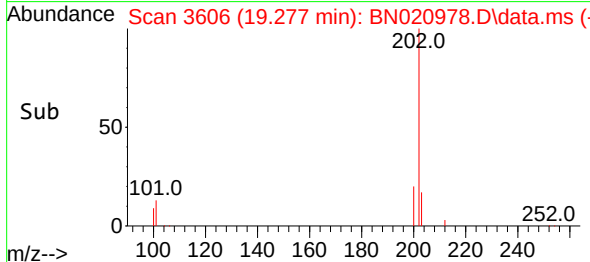
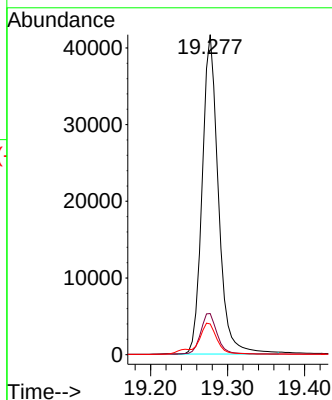
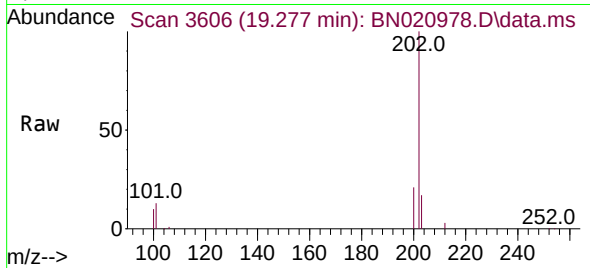




#19
Fluoranthene
Concen: 1.400 ng/u1
RT: 19.277 min Scan# 3606
Delta R.T. -0.004 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

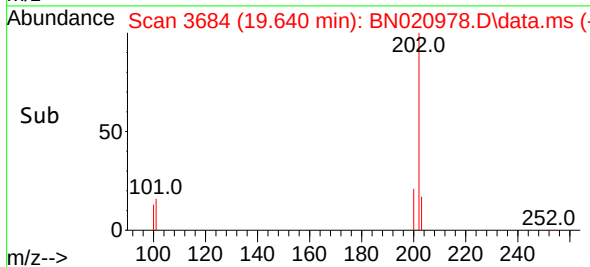
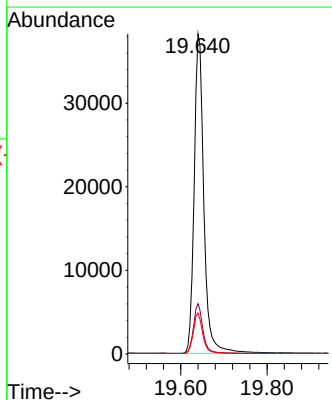
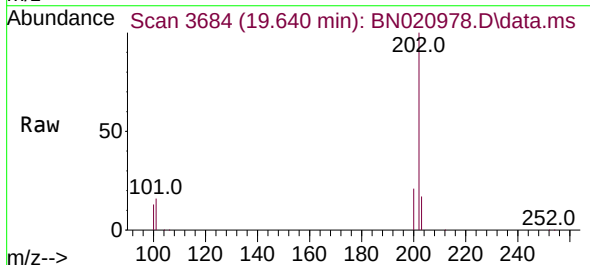
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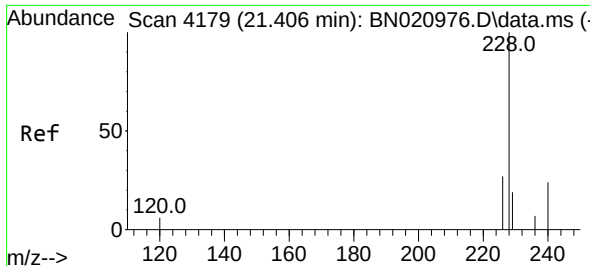
Tgt Ion:202 Resp: 60922
Ion Ratio Lower Upper
202 100
101 12.8 10.0 15.0
100 9.6 8.0 12.0



#20
Pyrene
Concen: 1.307 ng/u1
RT: 19.640 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

Tgt Ion:202 Resp: 59542
Ion Ratio Lower Upper
202 100
101 15.7 11.3 16.9
100 12.8 9.0 13.4

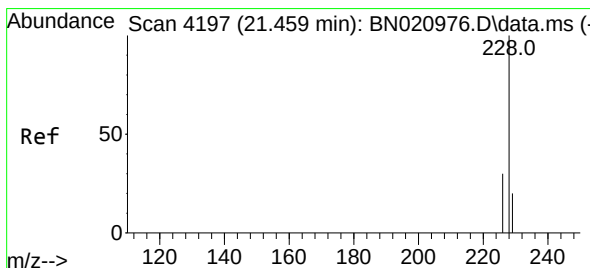
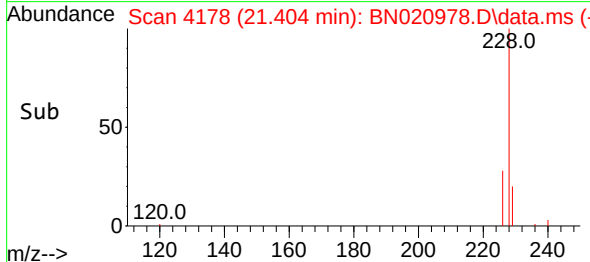
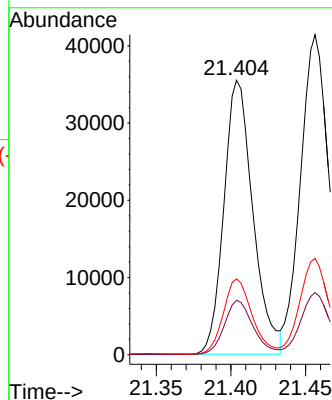
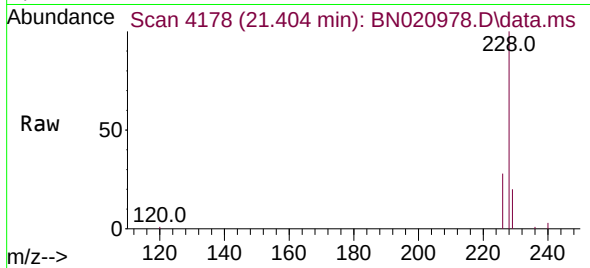




#21
Benzo(a)anthracene
Concen: 1.368 ng/ul
RT: 21.404 min Scan# 4179
Delta R.T. -0.003 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

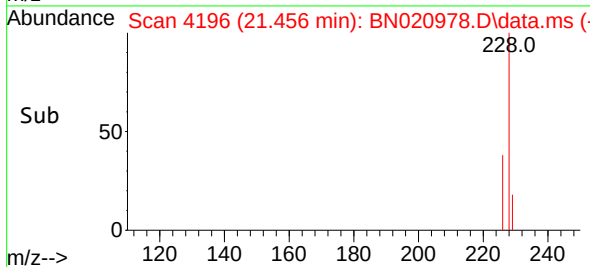
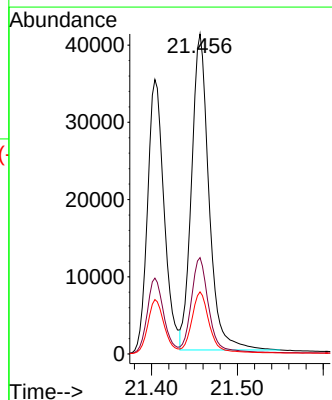
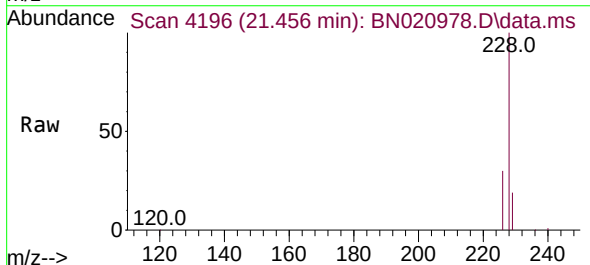
Instrument :
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SSTD1.6234

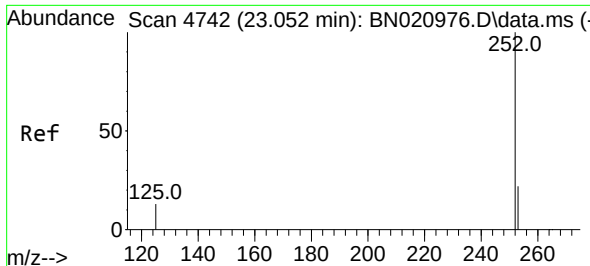
Tgt Ion:228 Resp: 48117
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.6 21.9 32.9



#22
Chrysene
Concen: 1.326 ng/ul
RT: 21.456 min Scan# 4196
Delta R.T. -0.003 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

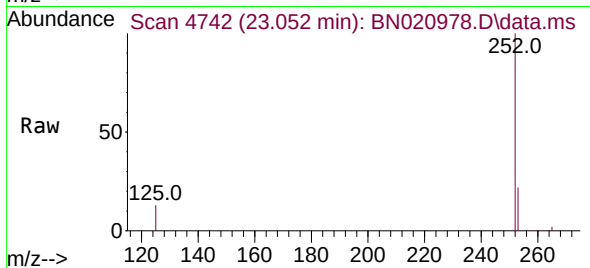
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Ion Ratio Lower Upper
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229 19.4 15.8 23.8



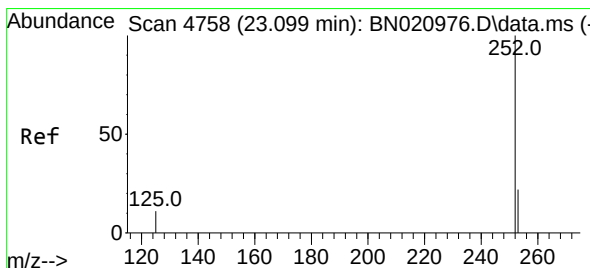
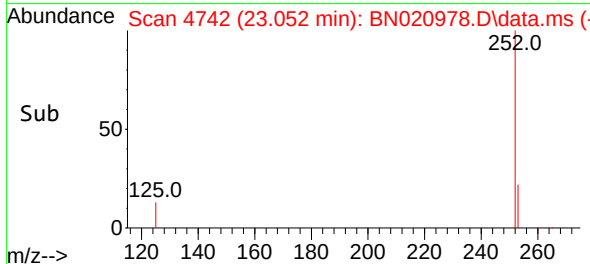
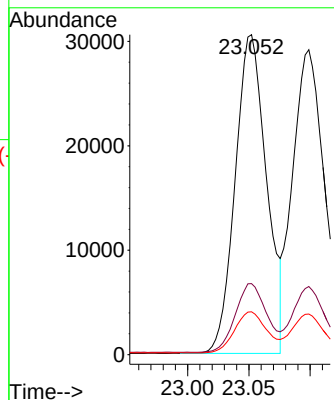


#24
Benzo(b)fluoranthene
Concen: 1.518 ng/ul
RT: 23.052 min Scan# 4742
Delta R.T. 0.000 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

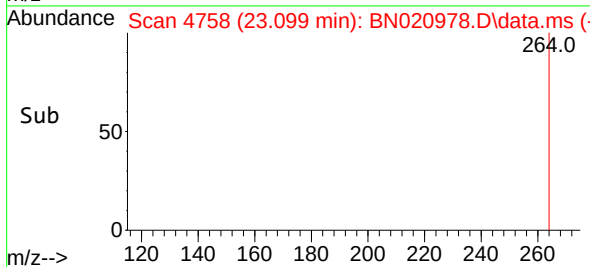
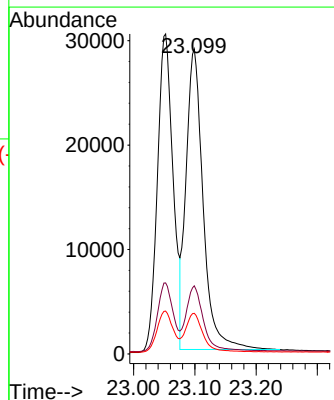
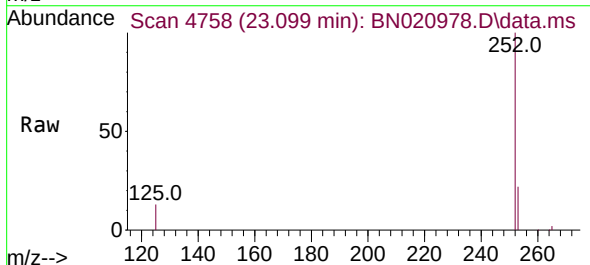


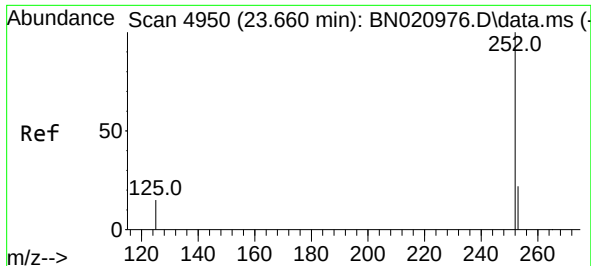
Tgt Ion:252 Resp: 54361
Ion Ratio Lower Upper
252 100
253 22.2 0.0 50.8
125 13.4 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 1.440 ng/ul
RT: 23.099 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

Tgt Ion:252 Resp: 55872
Ion Ratio Lower Upper
252 100
253 22.4 20.6 31.0
125 13.3 11.8 17.6

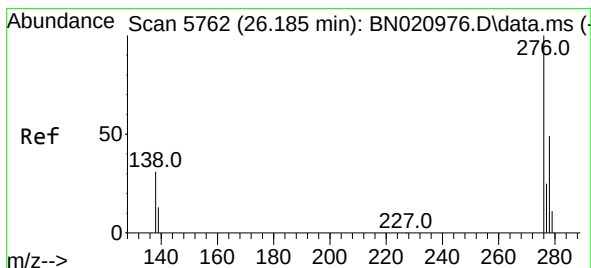
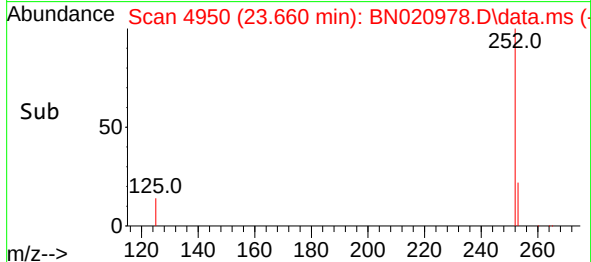
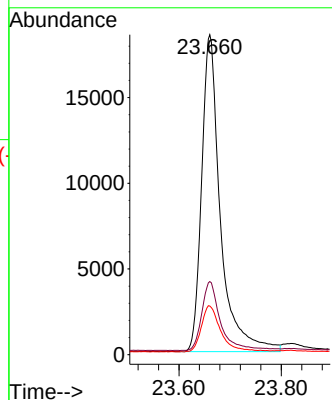
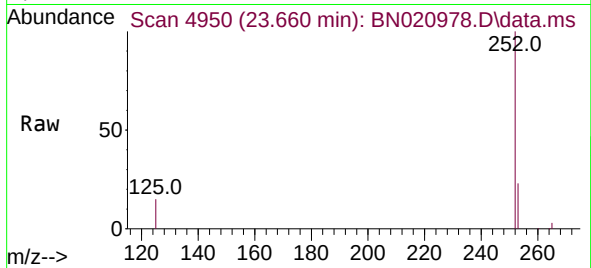




#26
Benzo(a)pyrene
Concen: 1.395 ng/ul
RT: 23.660 min Scan# 4950
Delta R.T. 0.000 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

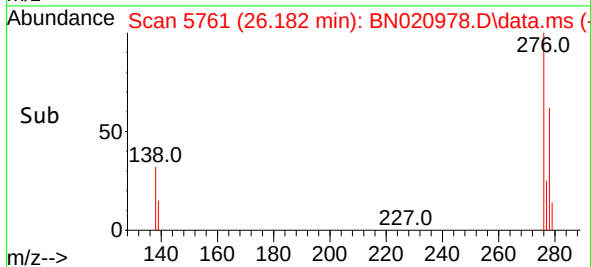
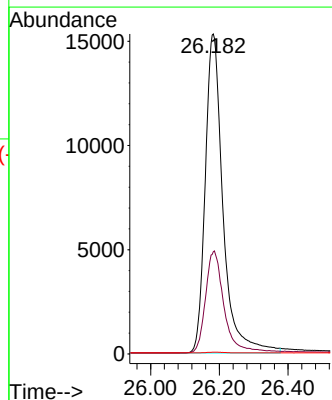
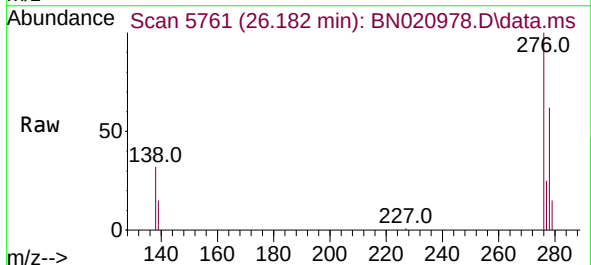
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

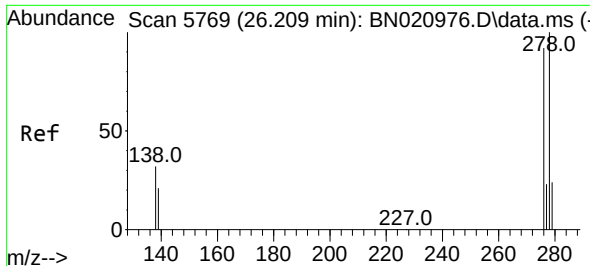
Tgt Ion:252 Resp: 47131
Ion Ratio Lower Upper
252 100
253 22.8 22.1 33.1
125 15.2 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.381 ng/ul
RT: 26.182 min Scan# 5761
Delta R.T. -0.003 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

Tgt Ion:276 Resp: 54824
Ion Ratio Lower Upper
276 100
138 33.4 26.1 39.1
227 0.2 0.1 0.1#

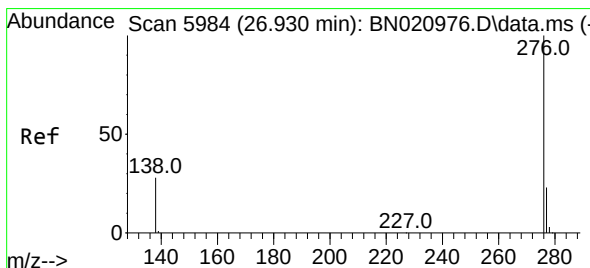
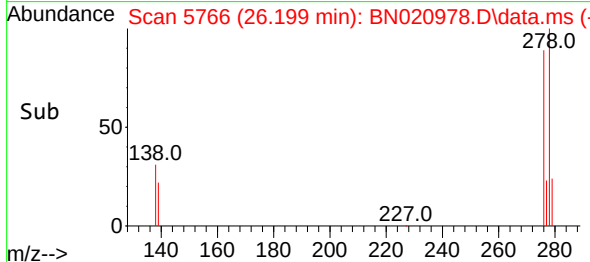
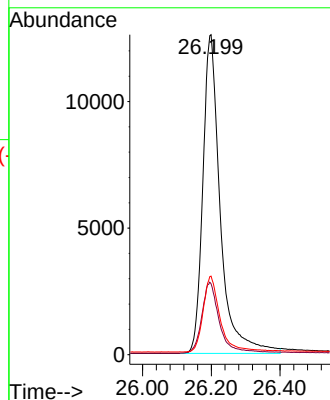
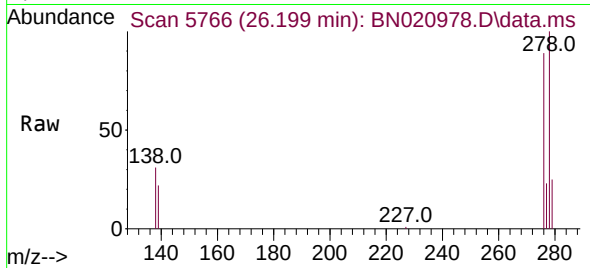




#28
Dibenzo(a,h)anthracene
Concen: 1.368 ng/ul
RT: 26.199 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

Tgt Ion:278 Resp: 44477
Ion Ratio Lower Upper
278 100
139 22.2 18.3 27.5
279 24.5 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 1.323 ng/ul
RT: 26.920 min Scan# 5981
Delta R.T. -0.010 min
Lab File: BN020978.D
Acq: 03 Aug 2022 15:06

Tgt Ion:276 Resp: 47794
Ion Ratio Lower Upper
276 100
138 29.2 22.6 34.0
277 24.1 20.2 30.2

