

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080322\
 Data File : BN020977.D
 Acq On : 03 Aug 2022 14:28
 Operator : CG/JU
 Sample : SSTD0.8233
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.8233

Quant Time: Aug 03 14:55:33 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)

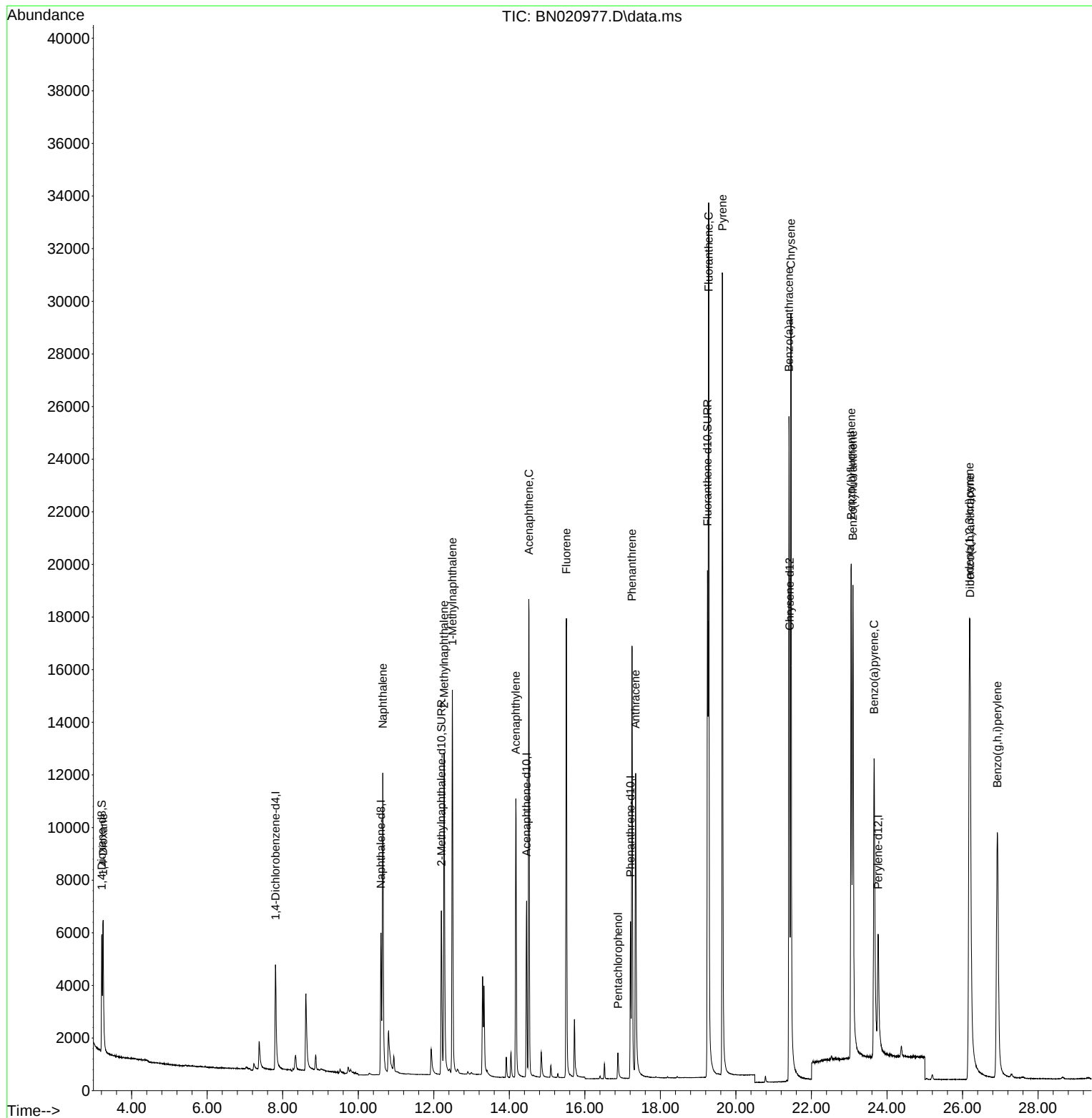
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	3050	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	8054	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	3903	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	7436	0.400	ng/ul	0.00
17) Chrysene-d12	21.421	240	8819	0.400	ng/ul	0.00
23) Perylene-d12	23.766	264	7142	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	3108	0.836	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	9116	0.768	ng/ul	0.00
18) Fluoranthene-d10	19.249	212	23110	0.856	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.245	88	3251	0.812	ng/ul	90
5) Naphthalene	10.651	128	17960	0.816	ng/ul	98
7) 2-Methylnaphthalene	12.274	142	10110	0.754	ng/ul	99
8) 1-Methylnaphthalene	12.494	142	11059	0.747	ng/ul	100
10) Acenaphthylene	14.175	152	13774	0.863	ng/ul	99
11) Acenaphthene	14.517	153	11167	0.838	ng/ul	99
12) Fluorene	15.512	166	12365	0.805	ng/ul	99
14) Pentachlorophenol	16.876	266	898	0.756	ng/ul	99
15) Phenanthrene	17.248	178	19619	0.778	ng/ul	99
16) Anthracene	17.345	178	16311	0.753	ng/ul	98
19) Fluoranthene	19.277	202	30853	0.778	ng/ul	98
20) Pyrene	19.644	202	30587	0.737	ng/ul	98
21) Benzo(a)anthracene	21.407	228	22199	0.693	ng/ul	100
22) Chrysene	21.456	228	28595	0.722	ng/ul	100
24) Benzo(b)fluoranthene	23.052	252	25960	0.761	ng/ul	97
25) Benzo(k)fluoranthene	23.099	252	27916	0.755	ng/ul	96
26) Benzo(a)pyrene	23.660	252	22905	0.712	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.186	276	26520	0.701	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.199	278	21303	0.688	ng/ul	96
29) Benzo(g,h,i)perylene	26.924	276	23243	0.675	ng/ul	99

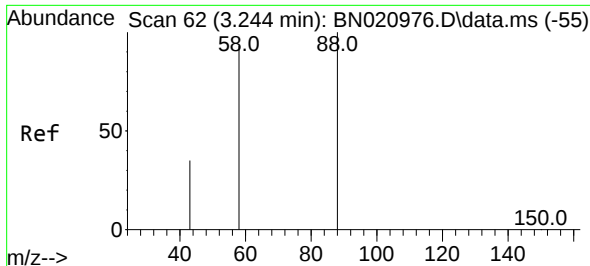
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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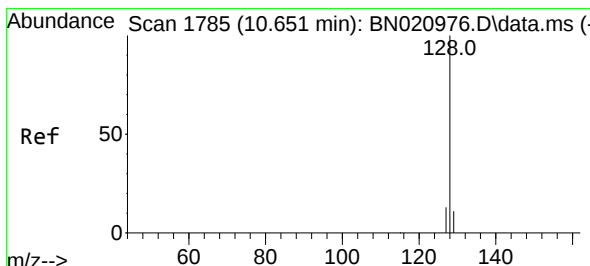
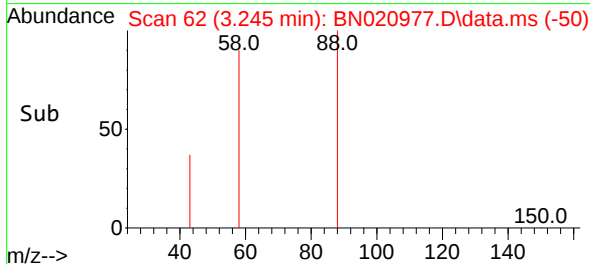
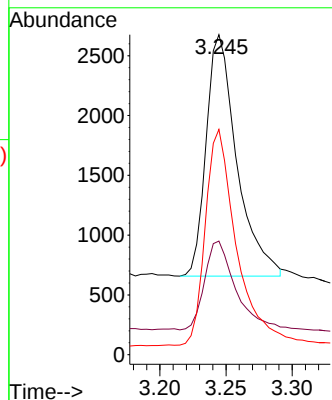
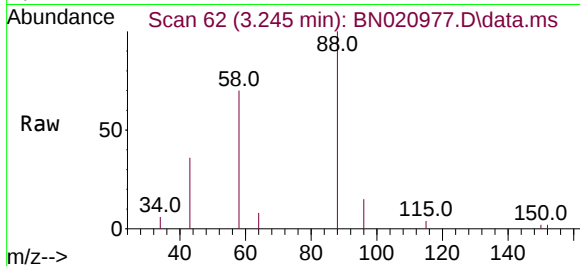


#2
 1,4-Dioxane
 Concen: 0.812 ng/ul
 RT: 3.245 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN020977.D
 Acq: 03 Aug 2022 14:28

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8233

Tgt Ion: 88 Resp: 3251

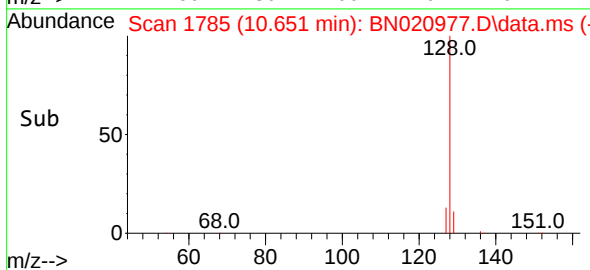
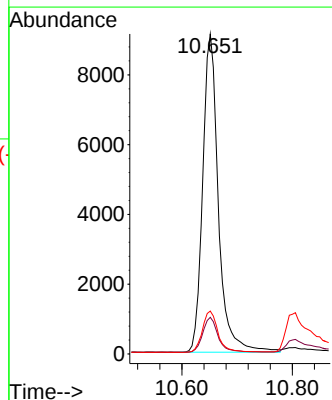
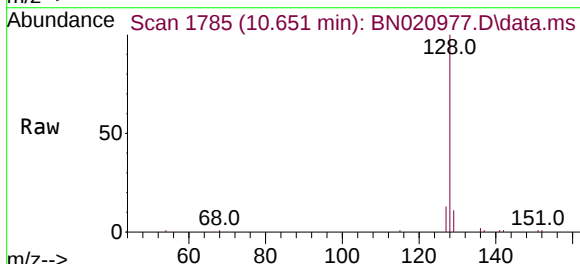
Ion	Ratio	Lower	Upper
88	100		
43	35.5	31.4	47.0
58	70.4	49.0	73.6

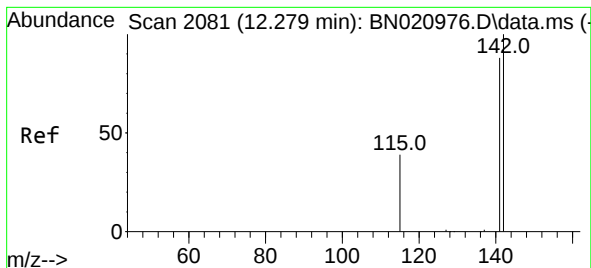


#5
 Naphthalene
 Concen: 0.816 ng/ul
 RT: 10.651 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: BN020977.D
 Acq: 03 Aug 2022 14:28

Tgt Ion: 128 Resp: 17960

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	13.4	11.6	17.4

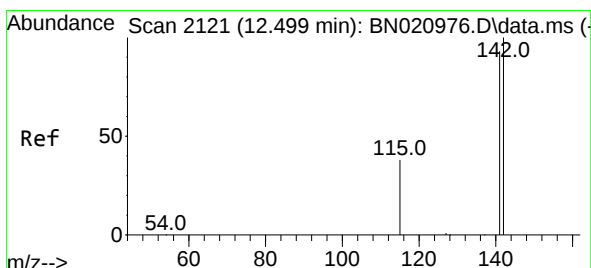
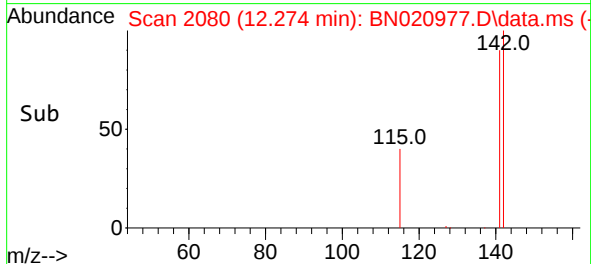
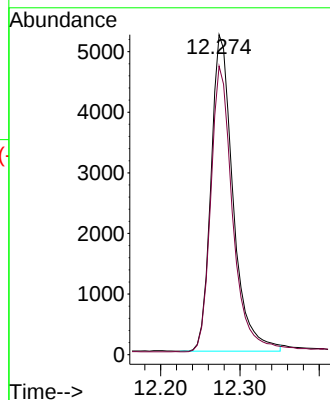
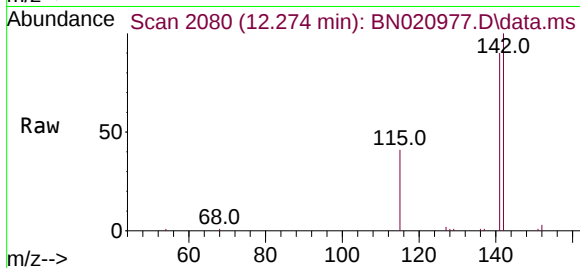




#7
2-Methylnaphthalene
Concen: 0.754 ng/ul
RT: 12.274 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

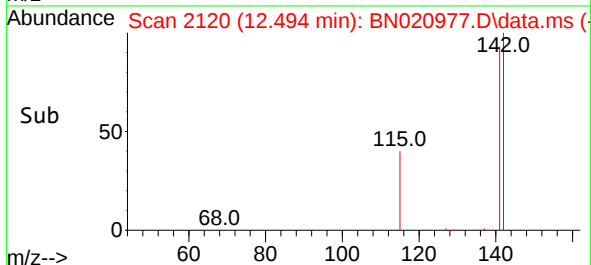
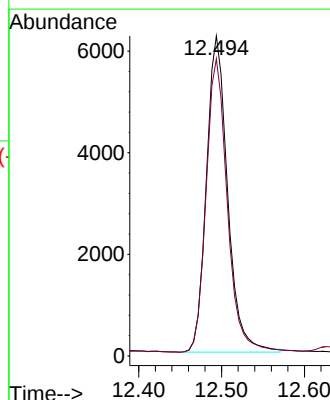
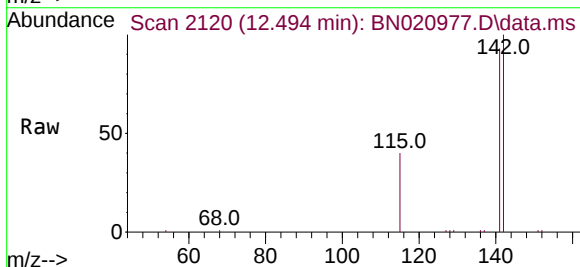
Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

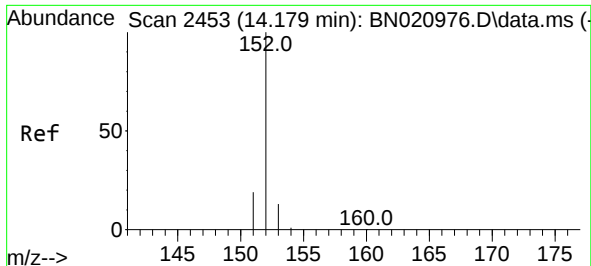
Tgt Ion:142 Resp: 10110
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.747 ng/ul
RT: 12.494 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

Tgt Ion:142 Resp: 11059
Ion Ratio Lower Upper
142 100
141 92.8 73.9 110.9

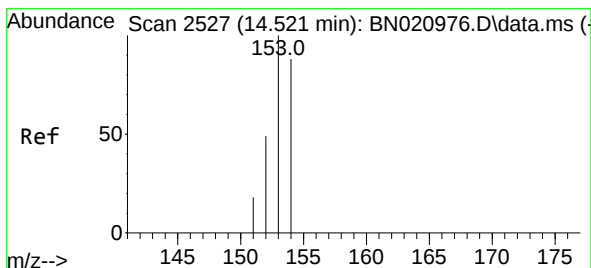
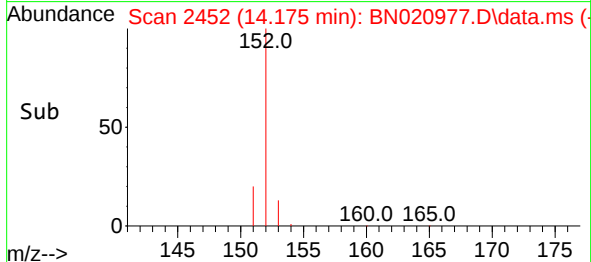
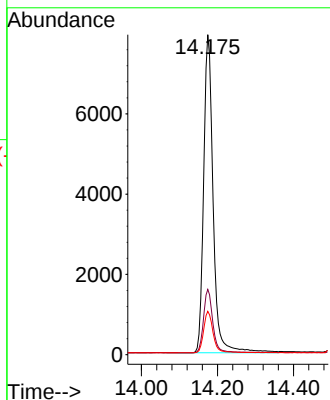
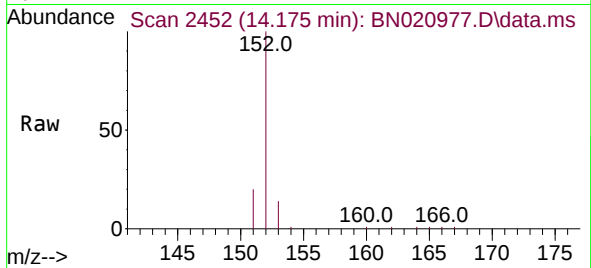




#10
Acenaphthylene
Concen: 0.863 ng/ul
RT: 14.175 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

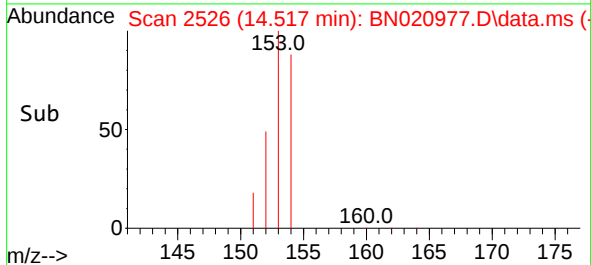
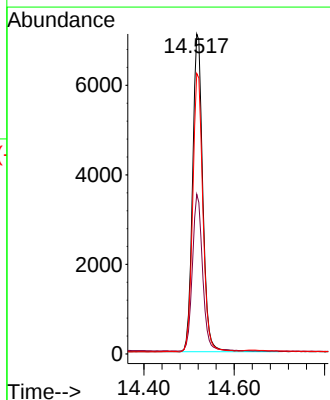
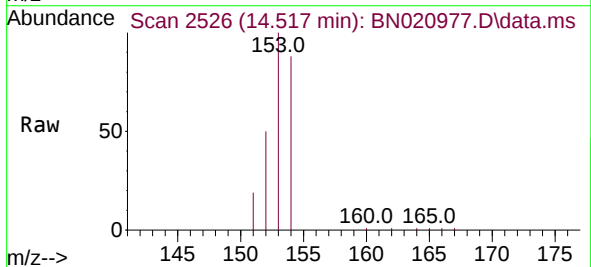
Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

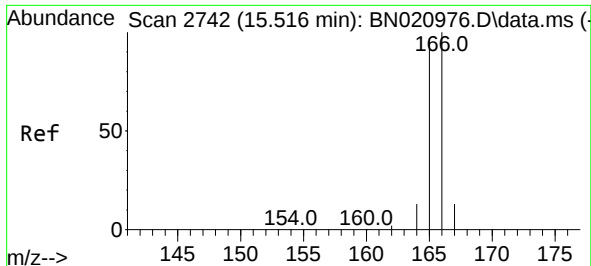
Tgt Ion:152 Resp: 13774
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.5 11.2 16.8



#11
Acenaphthene
Concen: 0.838 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.004 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

Tgt Ion:153 Resp: 11167
Ion Ratio Lower Upper
153 100
152 49.9 40.2 60.4
154 87.7 70.7 106.1

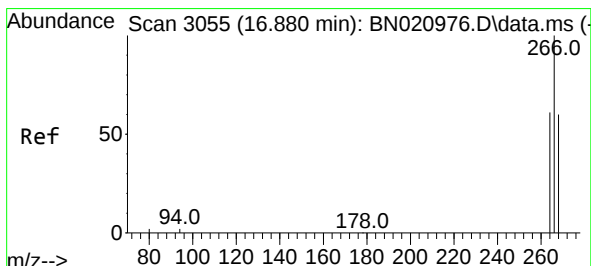
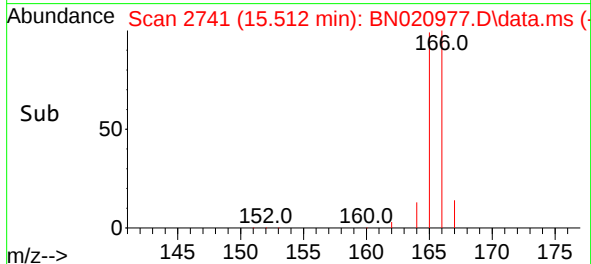
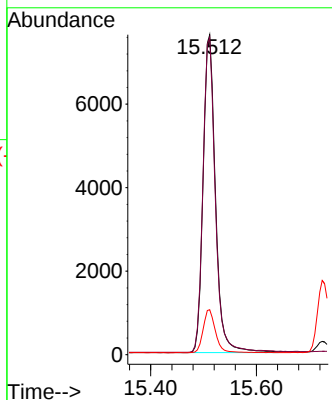
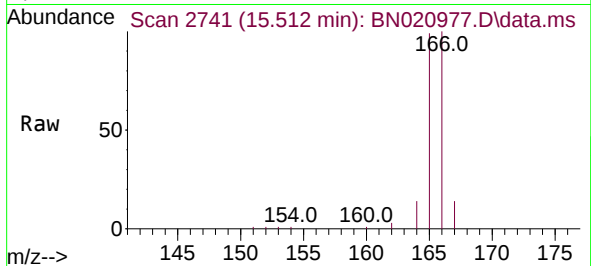




#12
Fluorene
Concen: 0.805 ng/ul
RT: 15.512 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

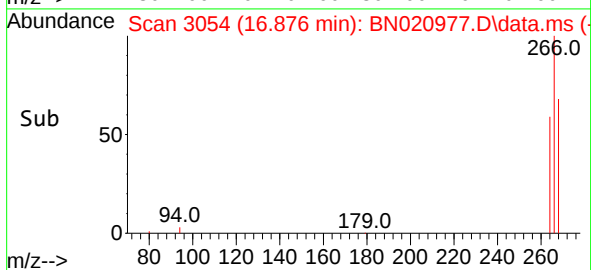
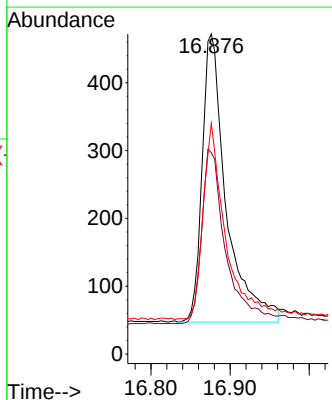
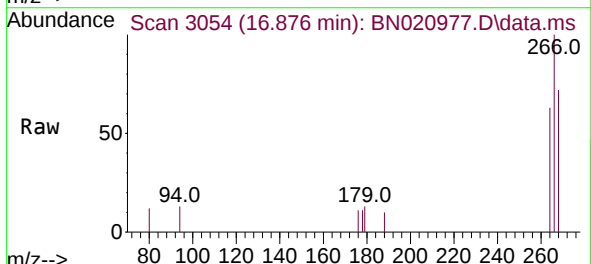
Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

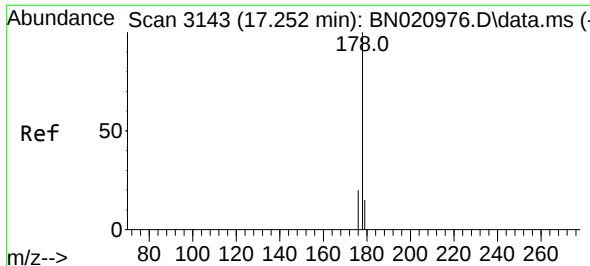
Tgt Ion:166 Resp: 12365
Ion Ratio Lower Upper
166 100
165 99.2 78.6 117.8
167 14.1 11.8 17.6



#14
Pentachlorophenol
Concen: 0.756 ng/ul
RT: 16.876 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

Tgt Ion:266 Resp: 898
Ion Ratio Lower Upper
266 100
264 60.7 49.8 74.8
268 63.1 50.6 75.8

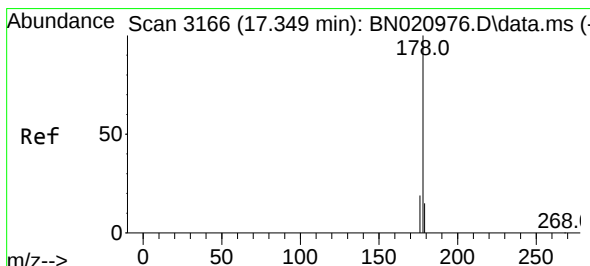
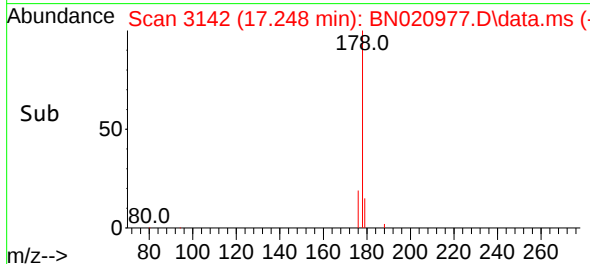
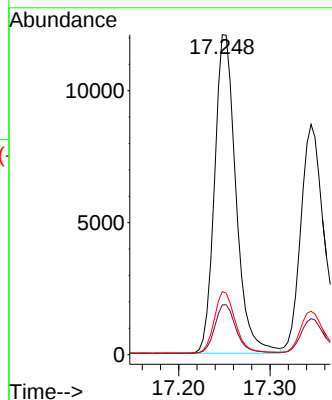
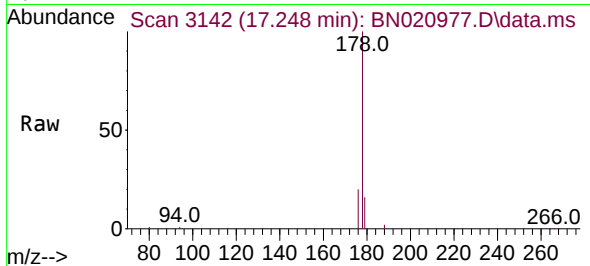




#15
Phenanthrene
Concen: 0.778 ng/ul
RT: 17.248 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

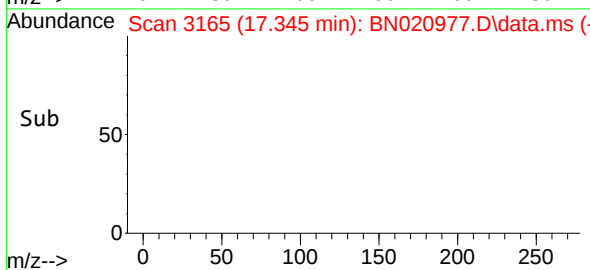
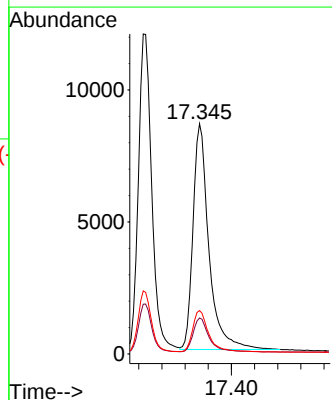
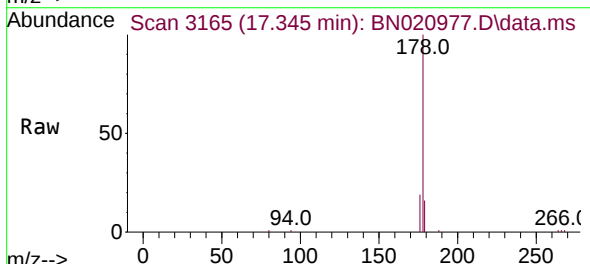
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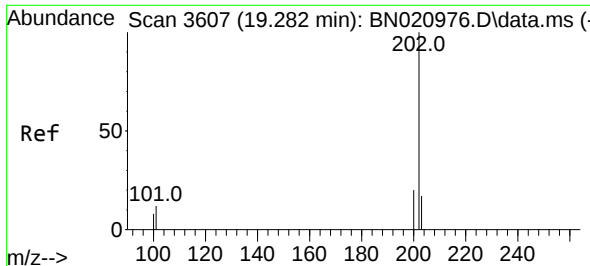
Tgt Ion:178 Resp: 19619
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.7 15.9 23.9



#16
Anthracene
Concen: 0.753 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

Tgt Ion:178 Resp: 16311
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 18.9 15.9 23.9

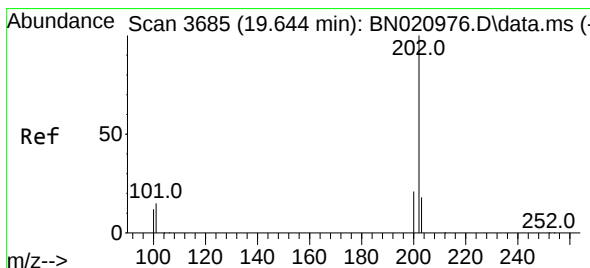
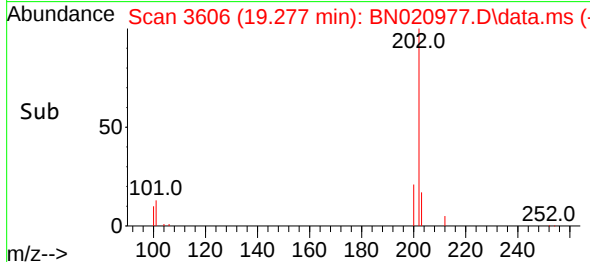
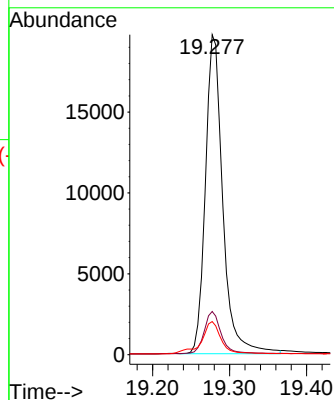
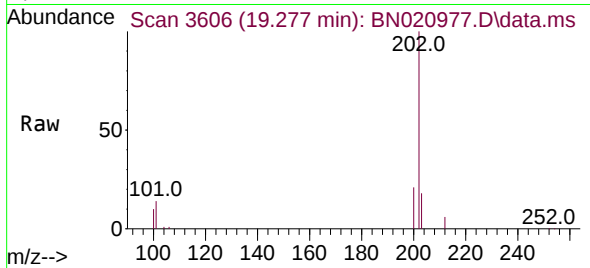




#19
Fluoranthene
Concen: 0.778 ng/u1
RT: 19.277 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

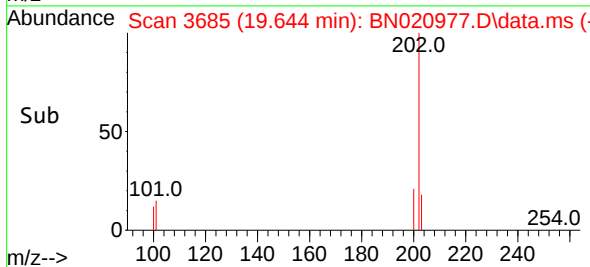
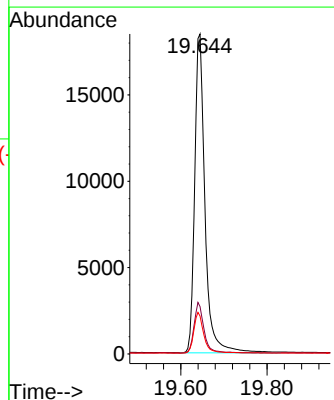
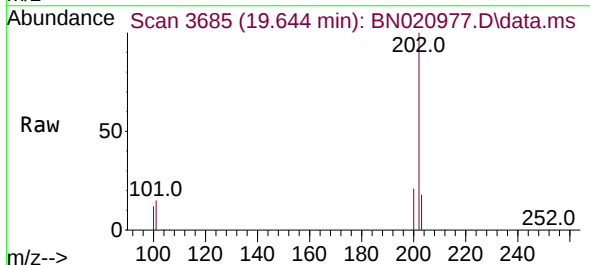
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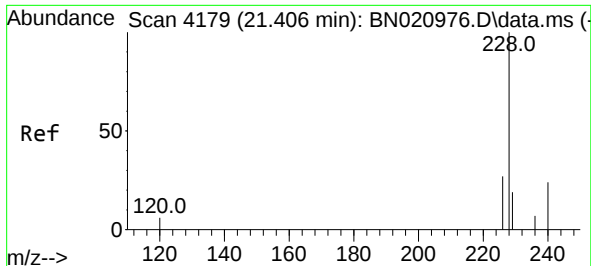
Tgt Ion:202 Resp: 30853
Ion Ratio Lower Upper
202 100
101 13.5 10.0 15.0
100 10.3 8.0 12.0



#20
Pyrene
Concen: 0.737 ng/u1
RT: 19.644 min Scan# 3685
Delta R.T. 0.000 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

Tgt Ion:202 Resp: 30587
Ion Ratio Lower Upper
202 100
101 14.8 11.3 16.9
100 11.9 9.0 13.4

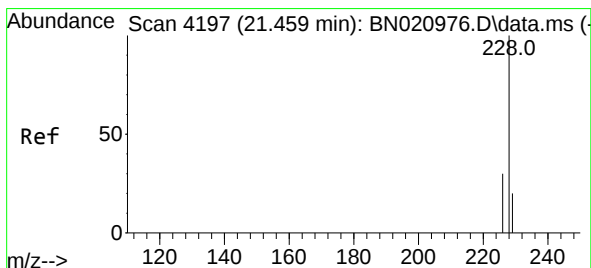
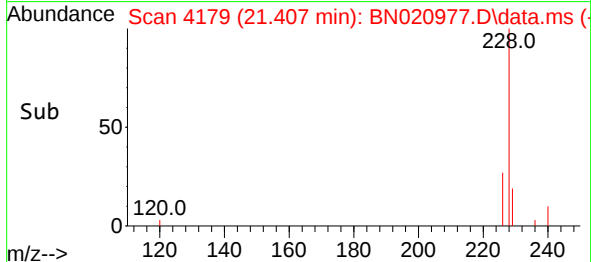
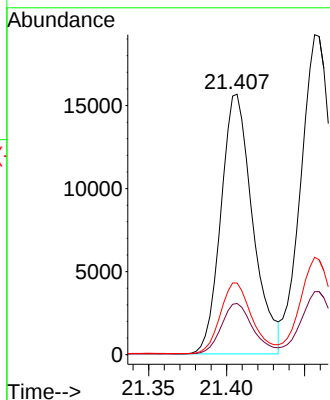
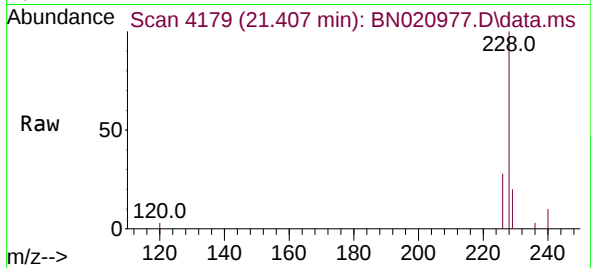




#21
Benzo(a)anthracene
Concen: 0.693 ng/ul
RT: 21.407 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

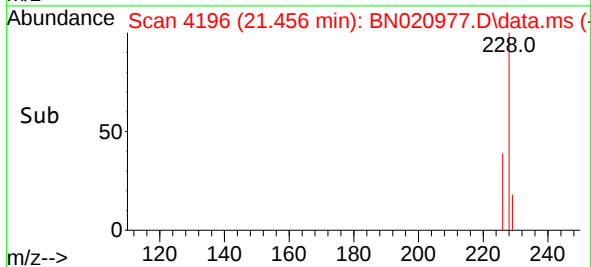
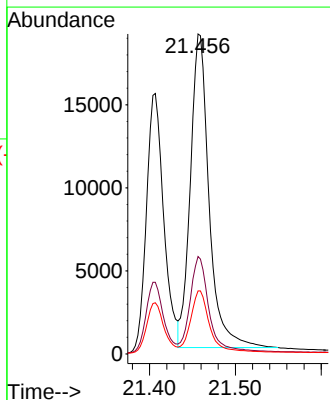
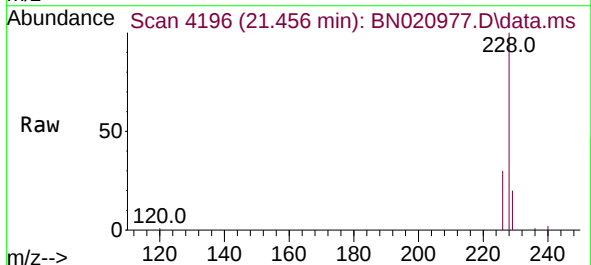
Instrument :
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SSTD0.8233

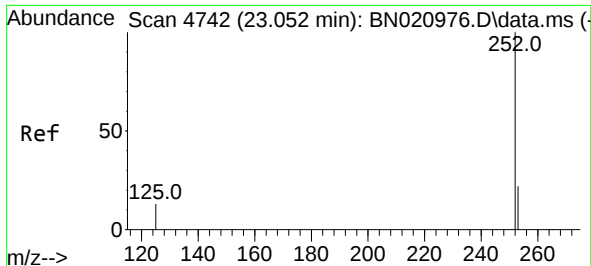
Tgt Ion:228 Resp: 22199
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.5 21.9 32.9



#22
Chrysene
Concen: 0.722 ng/ul
RT: 21.456 min Scan# 4196
Delta R.T. -0.003 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

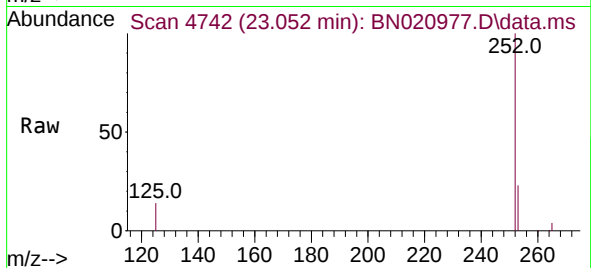
Tgt Ion:228 Resp: 28595
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.7 15.8 23.8



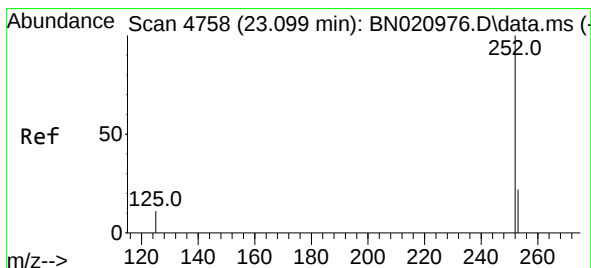
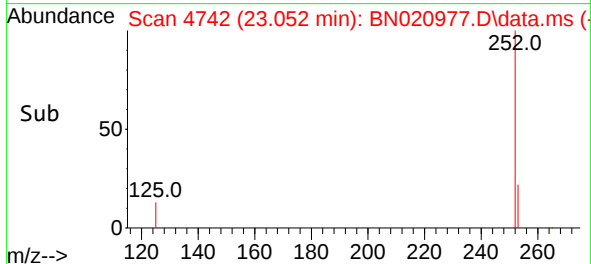
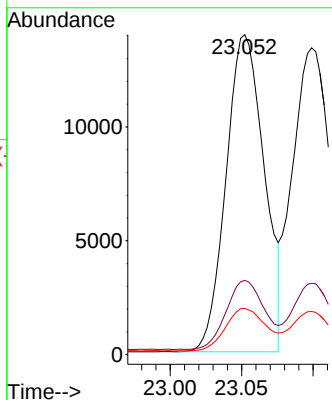


#24
Benzo(b)fluoranthene
Concen: 0.761 ng/ul
RT: 23.052 min Scan# 4742
Delta R.T. 0.000 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

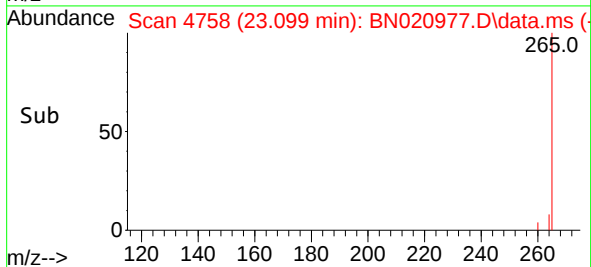
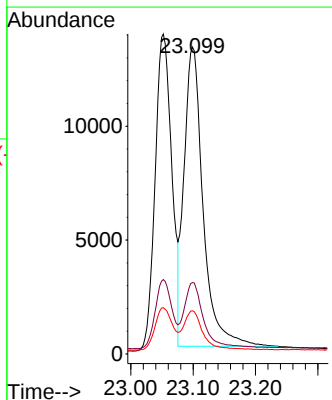
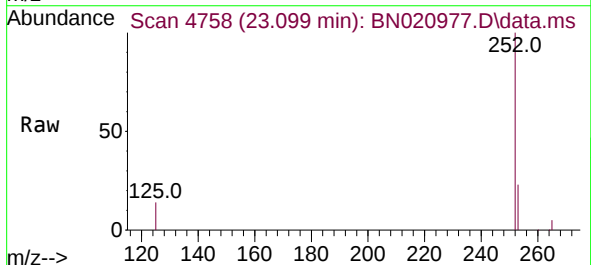


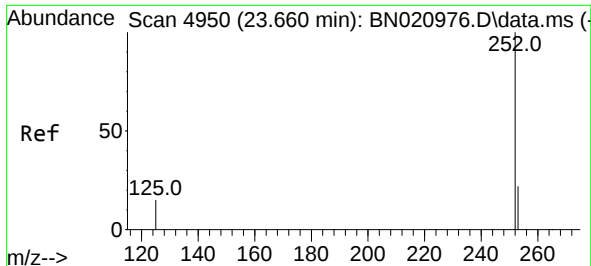
Tgt Ion:252 Resp: 25960
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.8
125 14.4 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.755 ng/ul
RT: 23.099 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

Tgt Ion:252 Resp: 27916
Ion Ratio Lower Upper
252 100
253 23.2 20.6 31.0
125 14.1 11.8 17.6

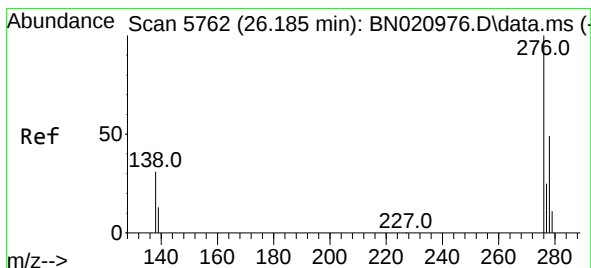
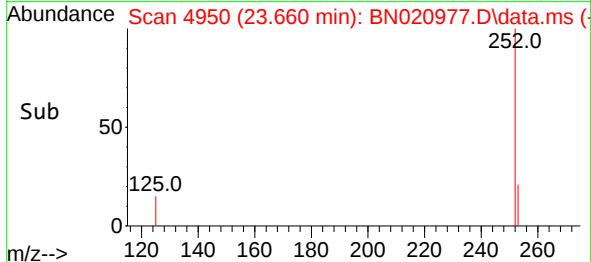
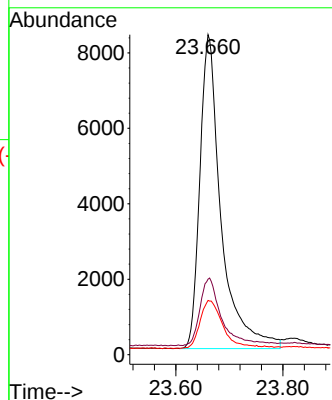
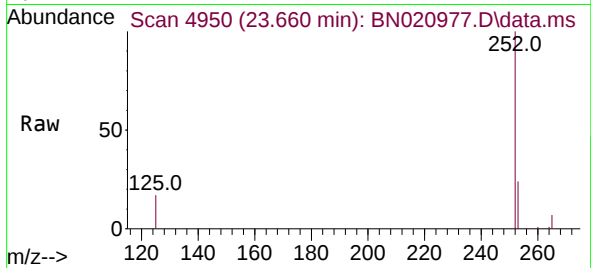




#26
Benzo(a)pyrene
Concen: 0.712 ng/ul
RT: 23.660 min Scan# 4950
Delta R.T. 0.000 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

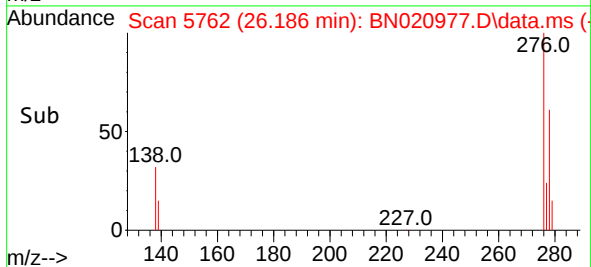
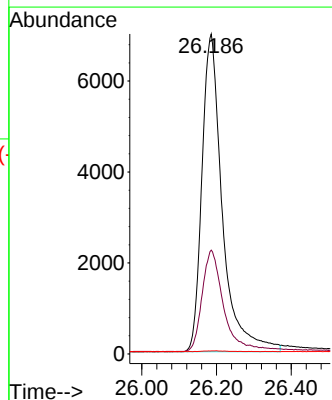
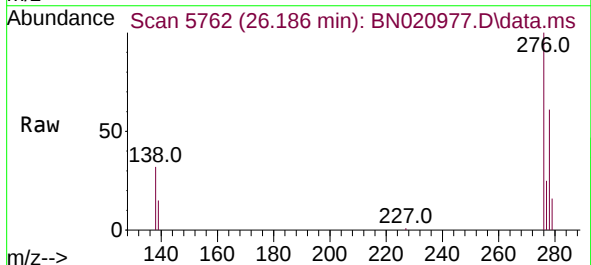
Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

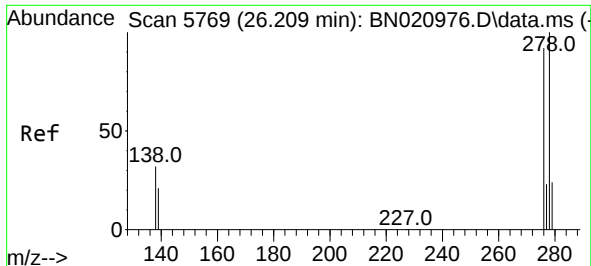
Tgt Ion:	252	Resp:	22905
Ion Ratio	Lower	Upper	
252	100		
253	23.6	22.1	33.1
125	17.0	14.7	22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.701 ng/ul
RT: 26.186 min Scan# 5762
Delta R.T. 0.000 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

Tgt Ion:	276	Resp:	26520
Ion Ratio	Lower	Upper	
276	100		
138	33.8	26.1	39.1
227	0.3	0.1	0.1

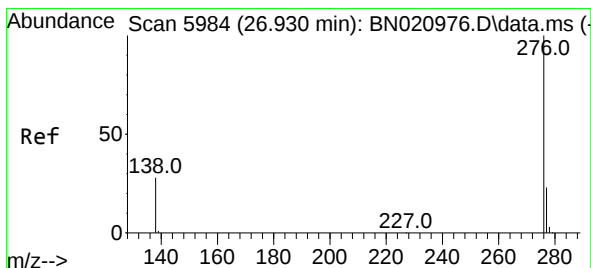
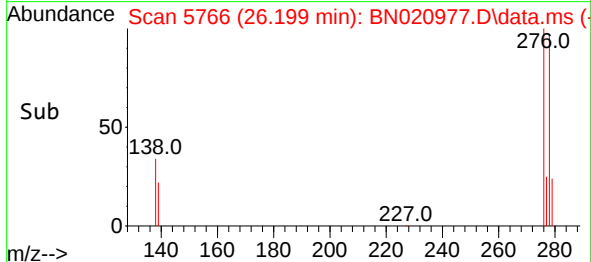
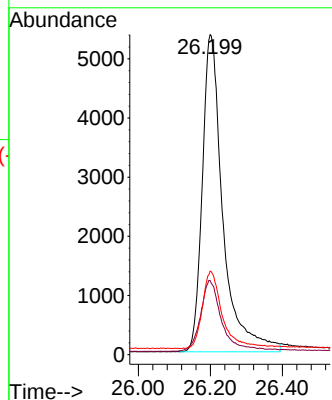
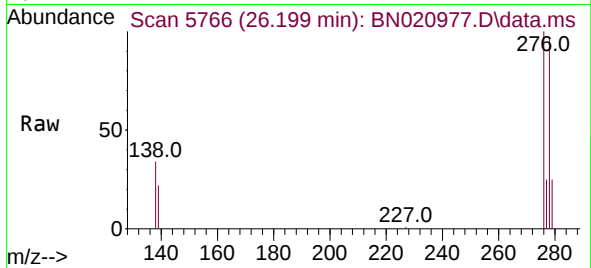




#28
Dibenzo(a,h)anthracene
Concen: 0.688 ng/ul
RT: 26.199 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.8233

Tgt Ion:278 Resp: 21303
Ion Ratio Lower Upper
278 100
139 23.2 18.3 27.5
279 26.1 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.675 ng/ul
RT: 26.924 min Scan# 5982
Delta R.T. -0.006 min
Lab File: BN020977.D
Acq: 03 Aug 2022 14:28

Tgt Ion:276 Resp: 23243
Ion Ratio Lower Upper
276 100
138 28.9 22.6 34.0
277 24.7 20.2 30.2

