

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080322\
 Data File : BN020980.D
 Acq On : 03 Aug 2022 16:21
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV236

Quant Time: Aug 03 16:54:28 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 16:31:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

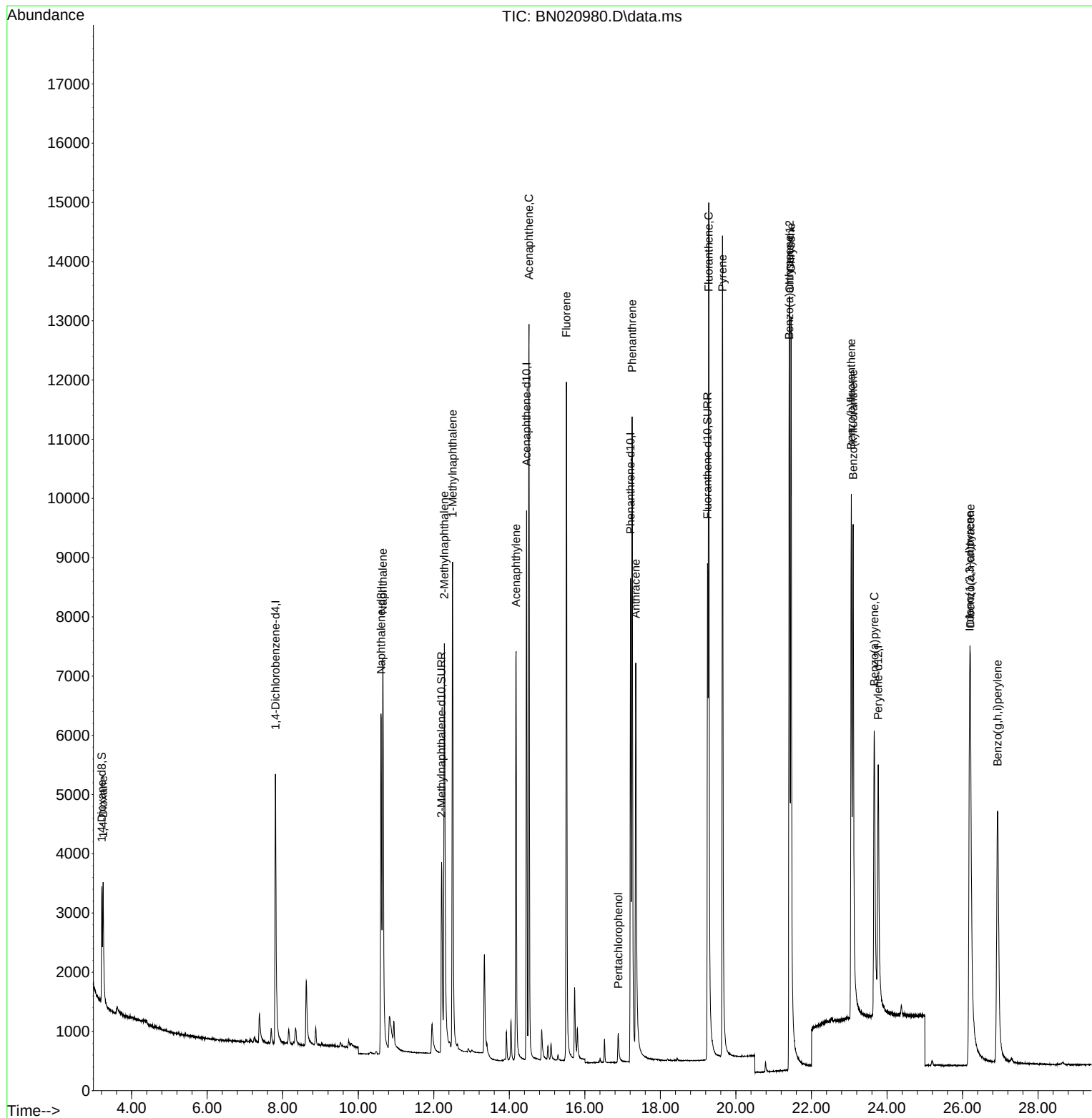
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	3064	0.400	ng/ul	0.00
4) Naphthalene-d8	10.607	136	9617	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	5375	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	10518	0.400	ng/ul	0.00
17) Chrysene-d12	21.421	240	8505	0.400	ng/ul	0.00
23) Perylene-d12	23.768	264	6882	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	1444	0.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.208	152	5514	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.249	212	10888	0.415	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.245	88	1267	0.314	ng/ul	91
5) Naphthalene	10.651	128	11319	0.383	ng/ul	98
7) 2-Methylnaphthalene	12.279	142	6835	0.381	ng/ul	99
8) 1-Methylnaphthalene	12.499	142	7016	0.391	ng/ul	100
10) Acenaphthylene	14.179	152	9484	0.377	ng/ul	99
11) Acenaphthene	14.521	153	7898	0.380	ng/ul	100
12) Fluorene	15.512	166	8467	0.373	ng/ul	99
14) Pentachlorophenol	16.885	266	498	0.307	ng/ul	98
15) Phenanthrene	17.252	178	13643	0.363	ng/ul	100
16) Anthracene	17.349	178	10393	0.357	ng/ul	100
19) Fluoranthene	19.282	202	14346	0.381	ng/ul	99
20) Pyrene	19.644	202	14889	0.383	ng/ul	95
21) Benzo(a)anthracene	21.410	228	9935	0.358	ng/ul	99
22) Chrysene	21.459	228	13574	0.371	ng/ul	99
24) Benzo(b)fluoranthene	23.055	252	12630	0.396	ng/ul	99
25) Benzo(k)fluoranthene	23.105	252	13330	0.396	ng/ul	98
26) Benzo(a)pyrene	23.663	252	10366	0.357	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.189	276	11939	0.344	ng/ul	97
28) Dibenzo(a,h)anthracene	26.209	278	9629	0.351	ng/ul	97
29) Benzo(g,h,i)perylene	26.927	276	11284	0.364	ng/ul	98

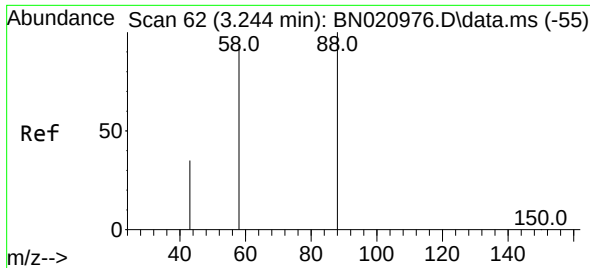
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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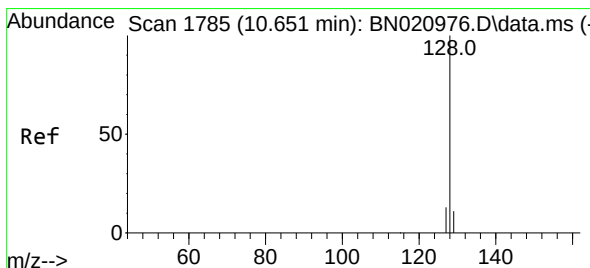
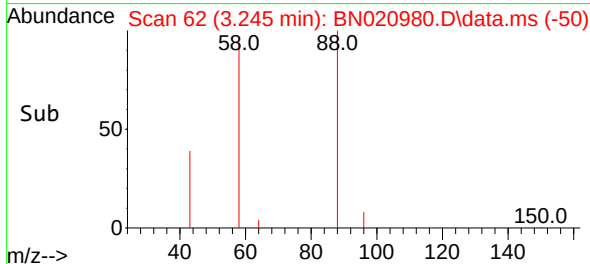
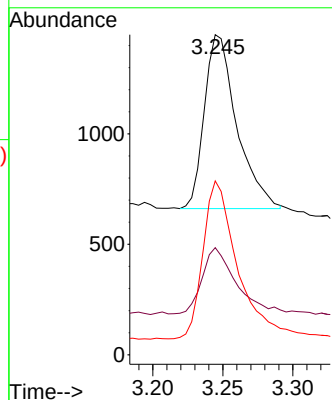
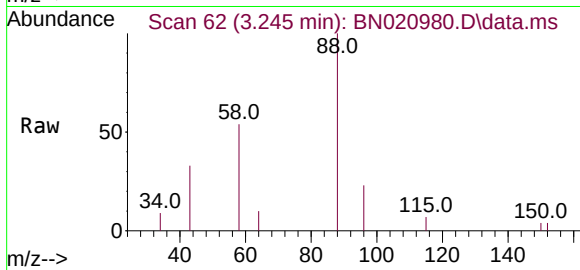




#2
 1,4-Dioxane
 Concen: 0.314 ng/ul
 RT: 3.245 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN020980.D
 Acq: 03 Aug 2022 16:21

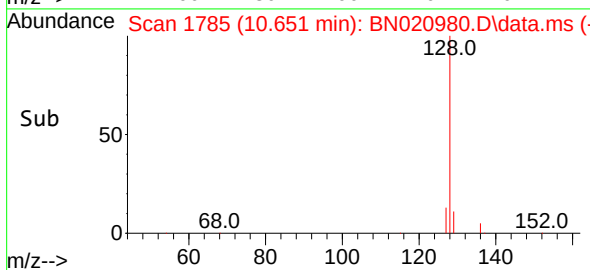
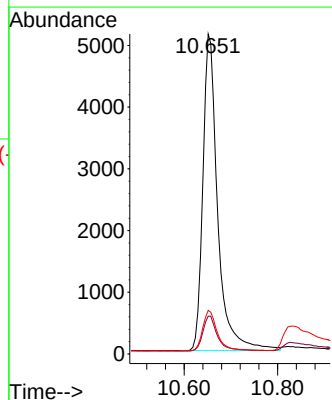
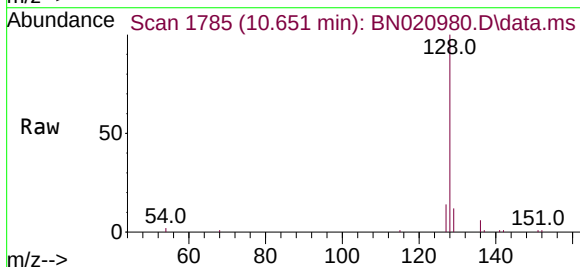
Instrument :
 BNA_N
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 SICV236

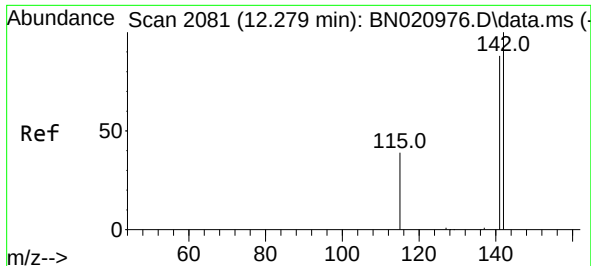
Tgt Ion: 88 Resp: 1267
 Ion Ratio Lower Upper
 88 100
 43 33.5 31.4 47.0
 58 54.3 49.0 73.6



#5
 Naphthalene
 Concen: 0.383 ng/ul
 RT: 10.651 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: BN020980.D
 Acq: 03 Aug 2022 16:21

Tgt Ion: 128 Resp: 11319
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.8 14.6
 127 13.6 11.6 17.4

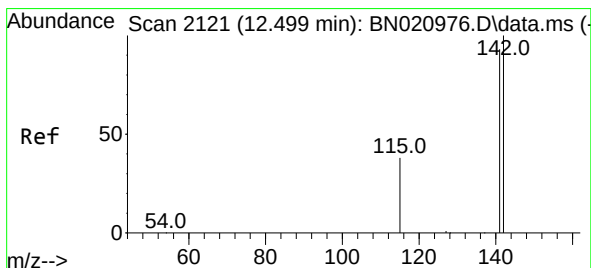
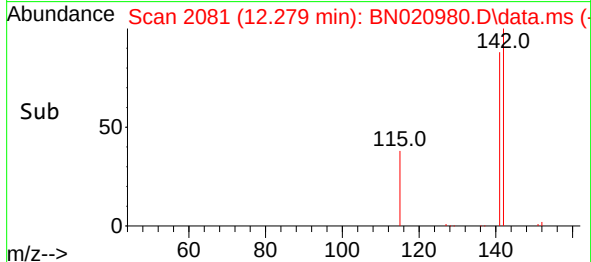
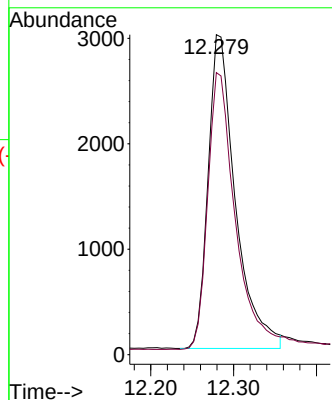
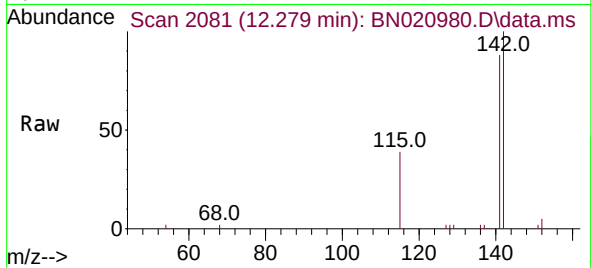




#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

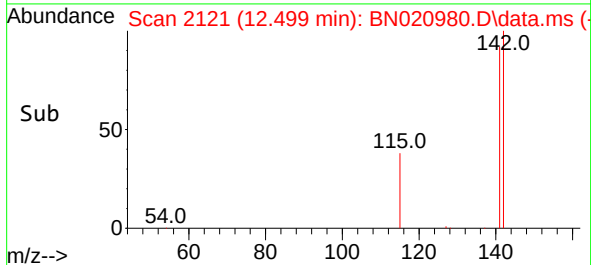
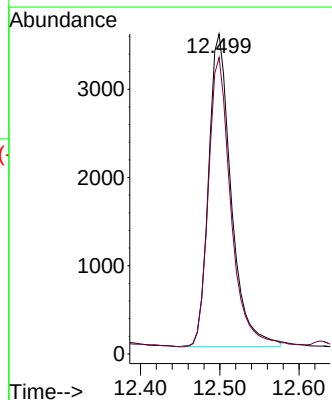
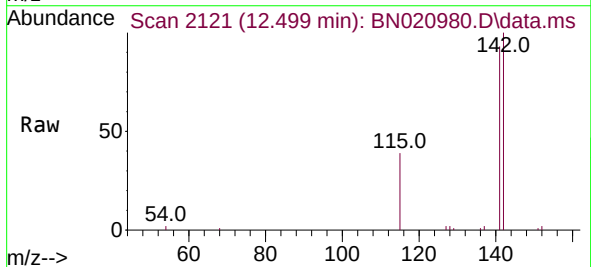
Instrument :
BNA_N
ClientSampleId :
SICV236

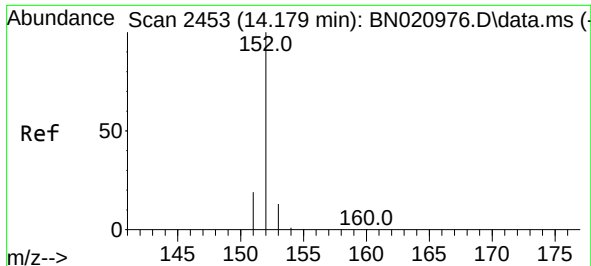
Tgt Ion:142 Resp: 6835
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.499 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

Tgt Ion:142 Resp: 7016
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9

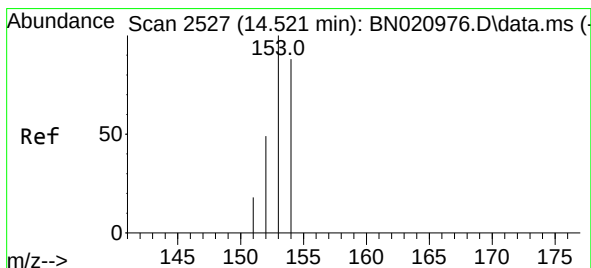
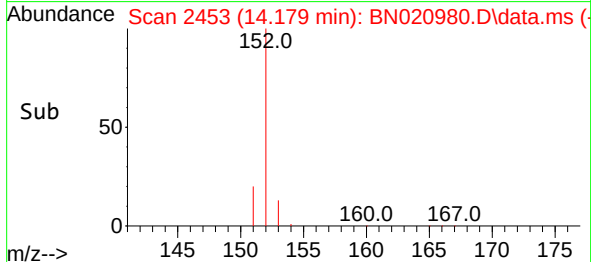
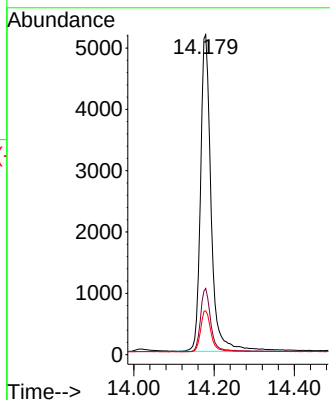
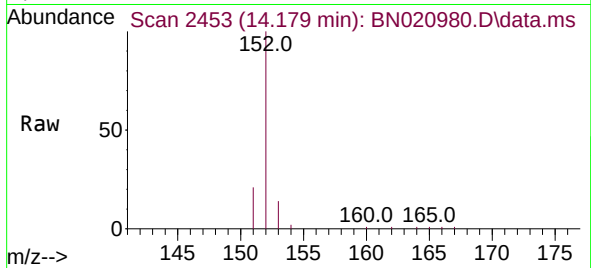




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 14.179 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

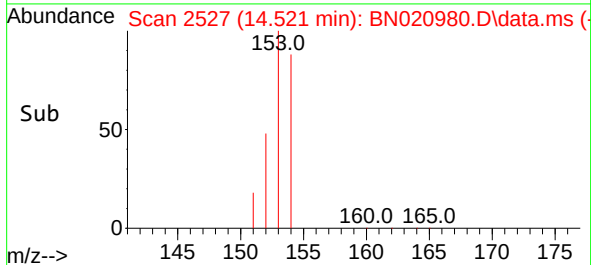
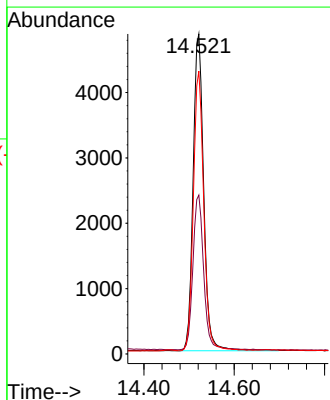
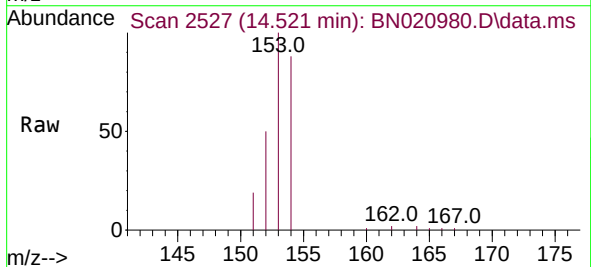
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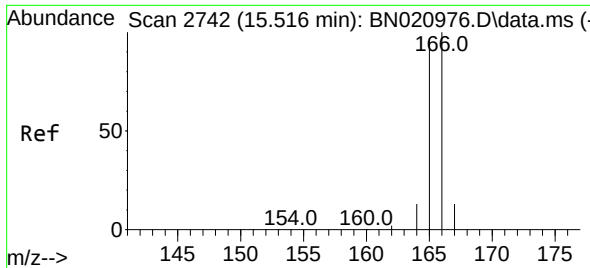
Tgt Ion:152 Resp: 9484
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.7 11.2 16.8



#11
Acenaphthene
Concen: 0.380 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

Tgt Ion:153 Resp: 7898
Ion Ratio Lower Upper
153 100
152 49.6 40.2 60.4
154 88.4 70.7 106.1

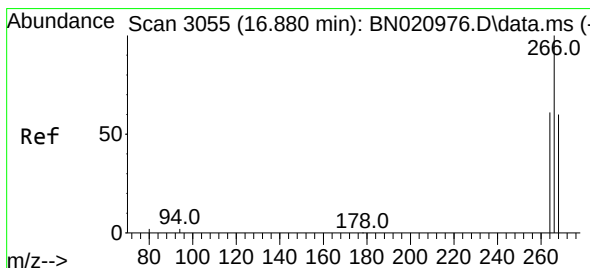
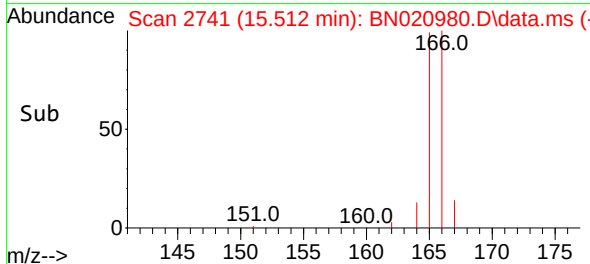
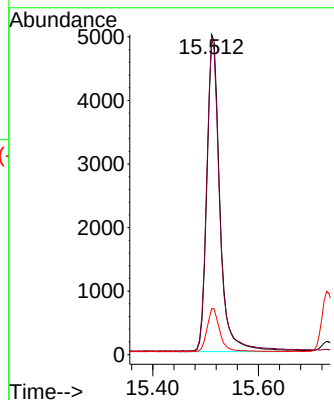
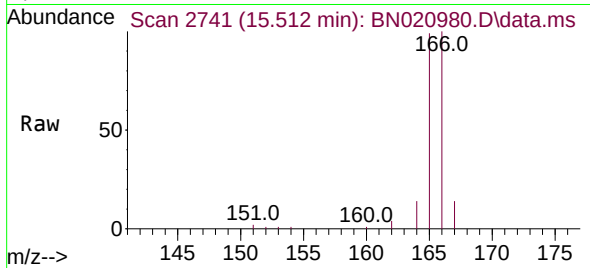




#12
 Fluorene
 Concen: 0.373 ng/ul
 RT: 15.512 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN020980.D
 Acq: 03 Aug 2022 16:21

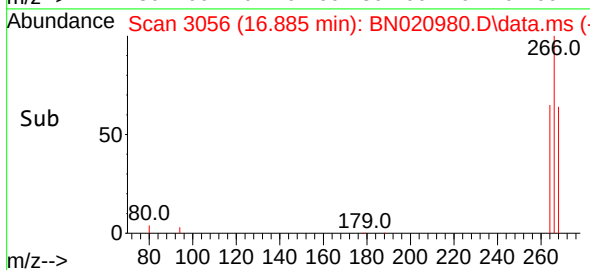
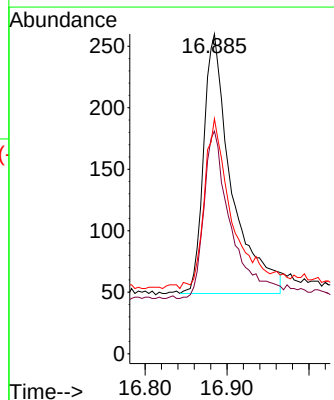
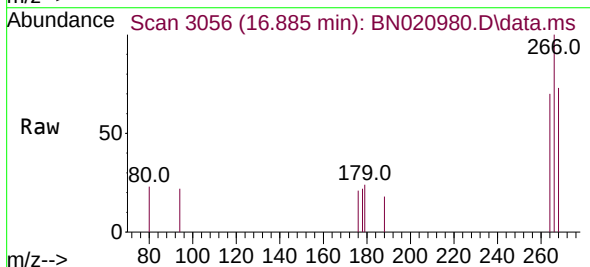
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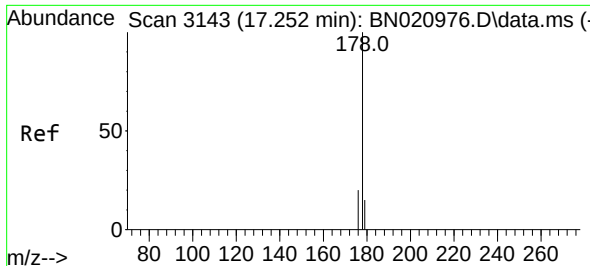
Tgt Ion:166 Resp: 8467
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.6 117.8
 167 14.4 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.307 ng/ul
 RT: 16.885 min Scan# 3056
 Delta R.T. 0.004 min
 Lab File: BN020980.D
 Acq: 03 Aug 2022 16:21

Tgt Ion:266 Resp: 498
 Ion Ratio Lower Upper
 266 100
 264 63.3 49.8 74.8
 268 65.3 50.6 75.8

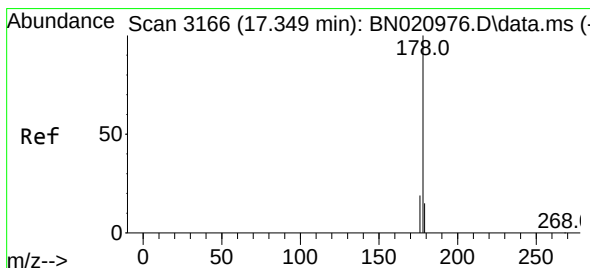
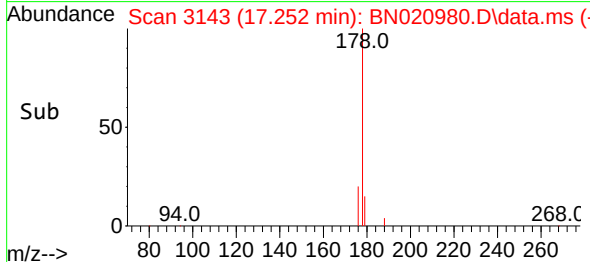
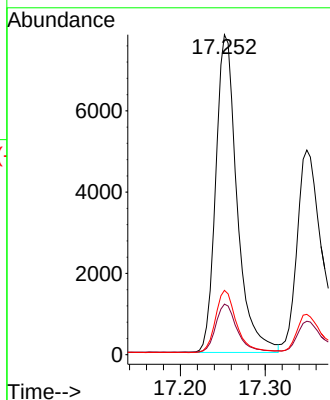
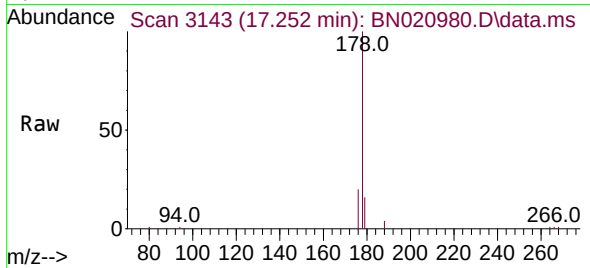




#15
Phenanthrene
Concen: 0.363 ng/u1
RT: 17.252 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

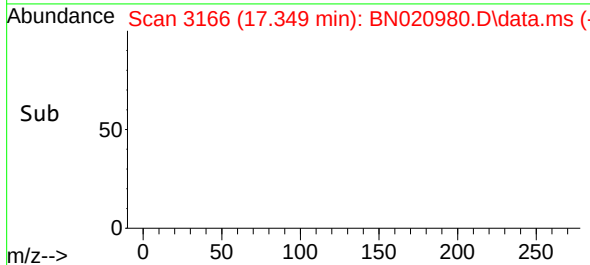
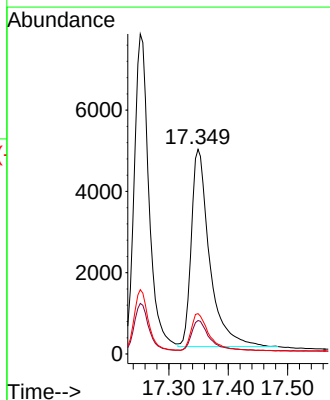
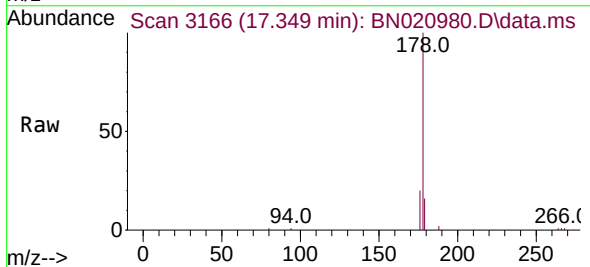
Instrument :
BNA_N
ClientSampleId :
SICV236

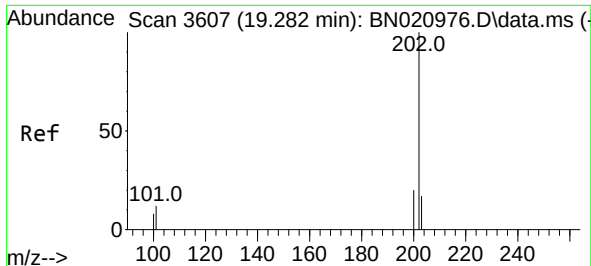
Tgt Ion:178 Resp: 13643
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 20.1 15.9 23.9



#16
Anthracene
Concen: 0.357 ng/u1
RT: 17.349 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

Tgt Ion:178 Resp: 10393
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.7 15.9 23.9

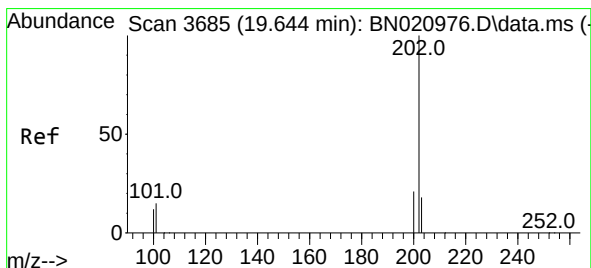
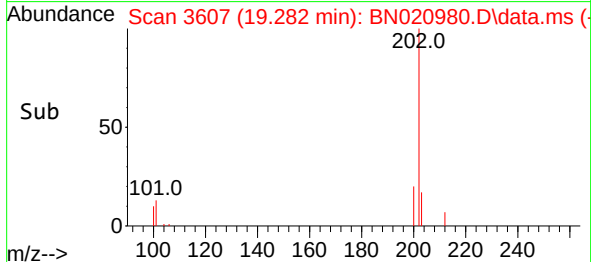
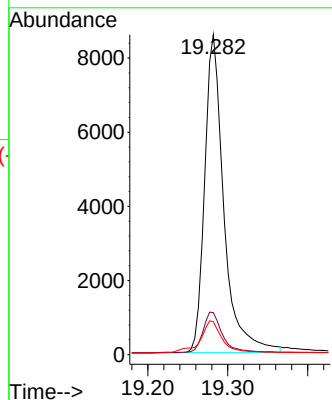
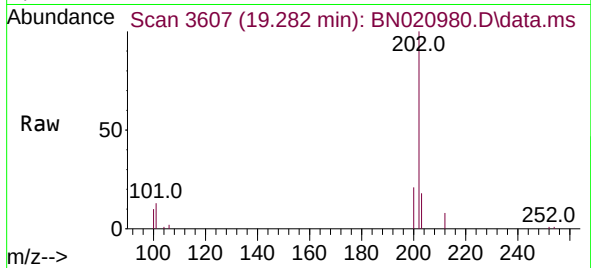




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.282 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

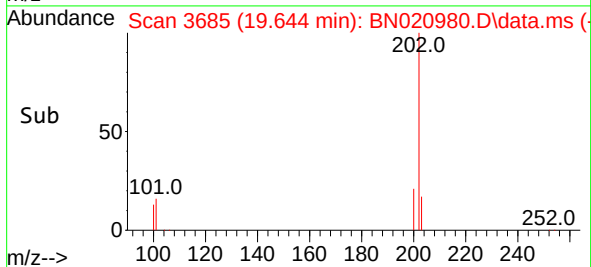
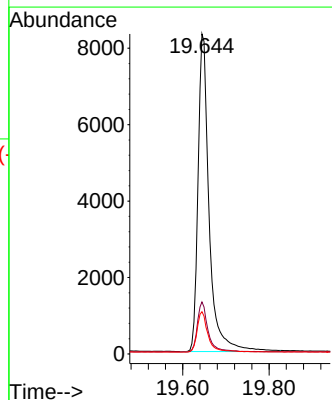
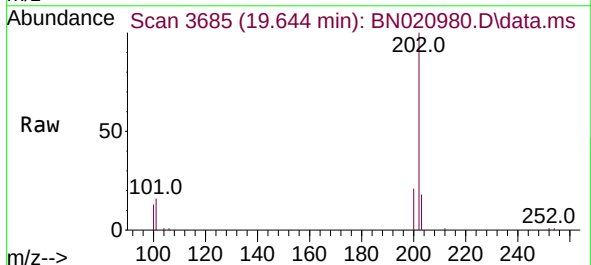
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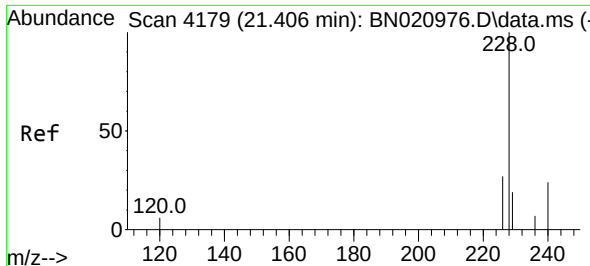
Tgt Ion:202 Resp: 14346
Ion Ratio Lower Upper
202 100
101 13.2 10.0 15.0
100 10.4 8.0 12.0



#20
Pyrene
Concen: 0.383 ng/ul
RT: 19.644 min Scan# 3685
Delta R.T. 0.000 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

Tgt Ion:202 Resp: 14889
Ion Ratio Lower Upper
202 100
101 16.2 11.3 16.9
100 13.2 9.0 13.4

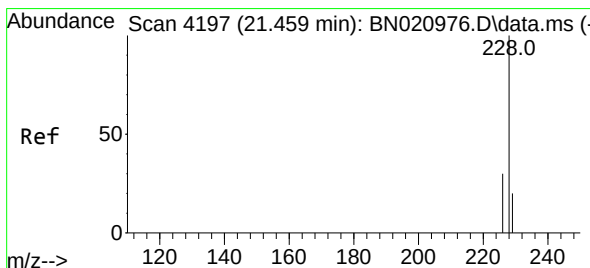
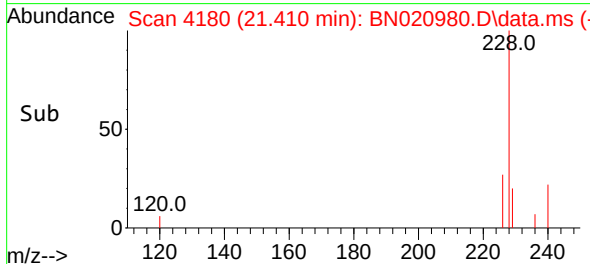
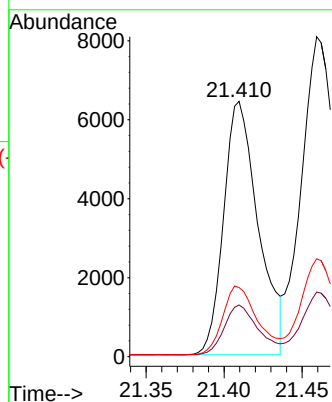
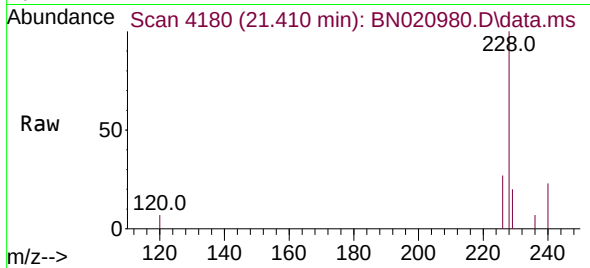




#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.410 min Scan# 4180
Delta R.T. 0.003 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

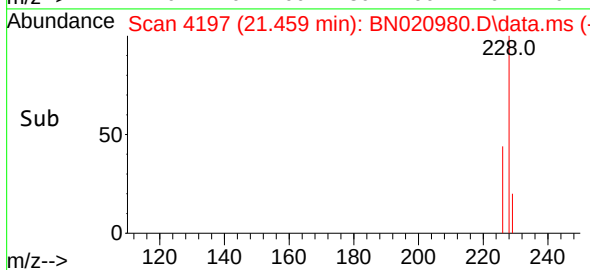
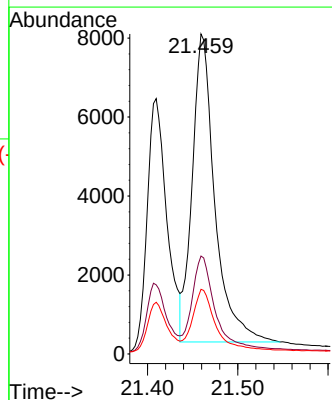
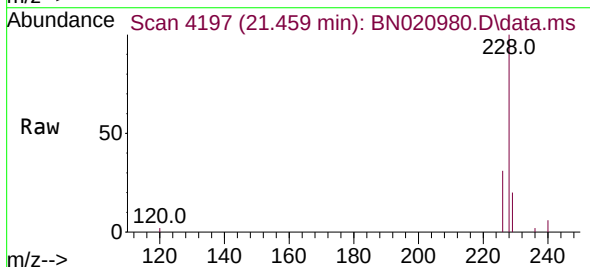
Instrument :
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ClientSampleId :
SICV236

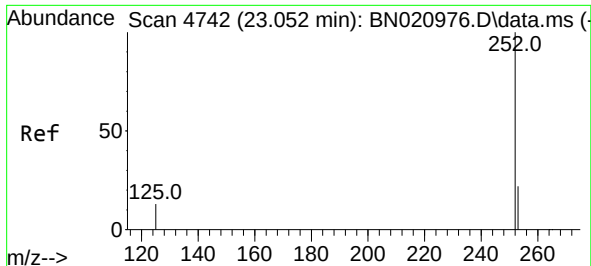
Tgt Ion:228 Resp: 9935
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 27.1 21.9 32.9



#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.459 min Scan# 4197
Delta R.T. 0.000 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

Tgt Ion:228 Resp: 13574
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 20.2 15.8 23.8

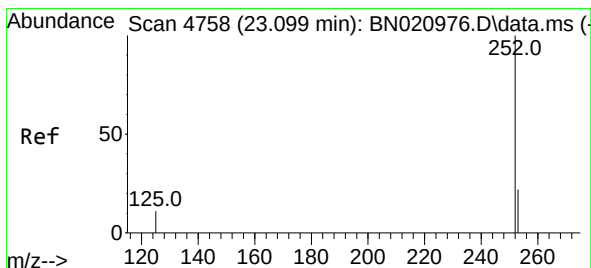
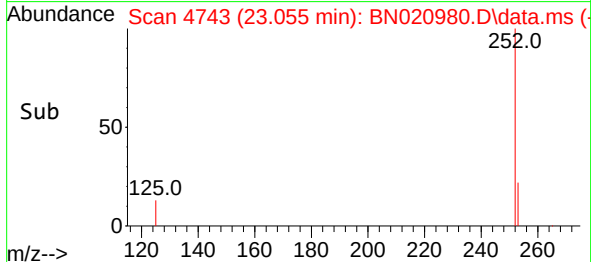
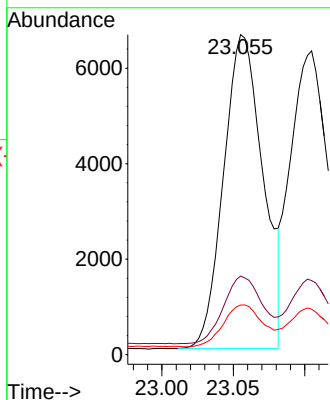
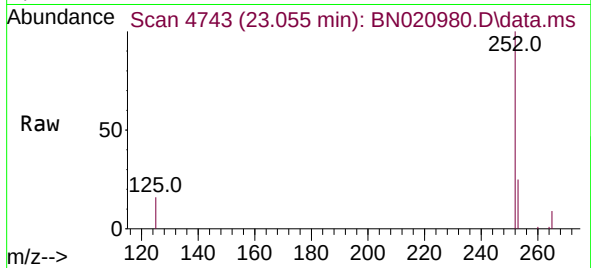




#24
Benzo(b)fluoranthene
Concen: 0.396 ng/ul
RT: 23.055 min Scan# 4742
Delta R.T. 0.003 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

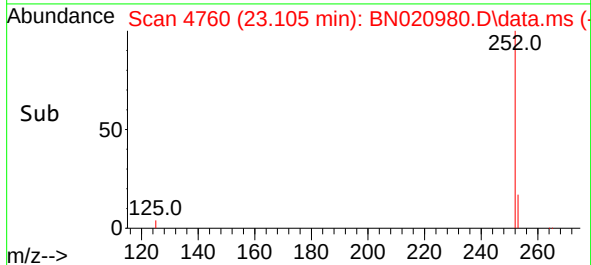
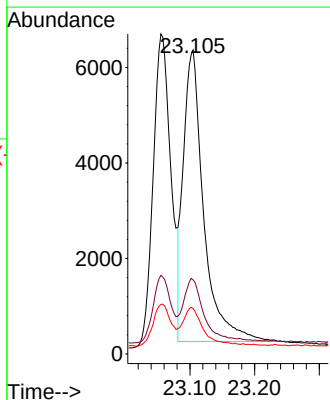
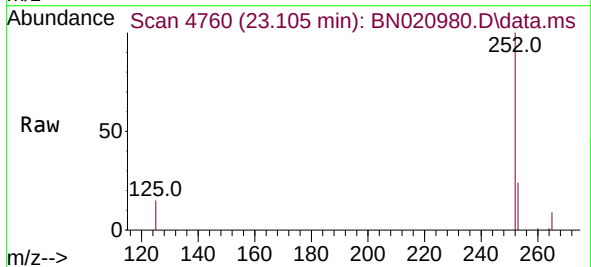
Instrument :
BNA_N
ClientSampleId :
SICV236

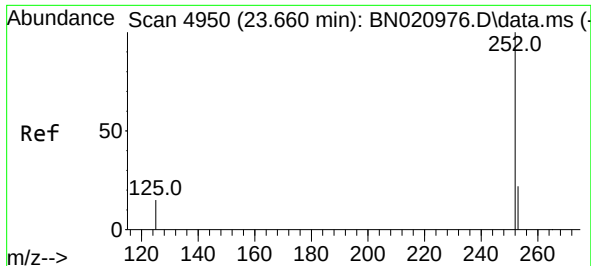
Tgt Ion:252	Resp:	12630
Ion Ratio	Lower	Upper
252	100	
253	24.6	0.0 50.8
125	15.5	0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.105 min Scan# 4760
Delta R.T. 0.006 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

Tgt Ion:252	Resp:	13330
Ion Ratio	Lower	Upper
252	100	
253	24.4	20.6 31.0
125	15.0	11.8 17.6

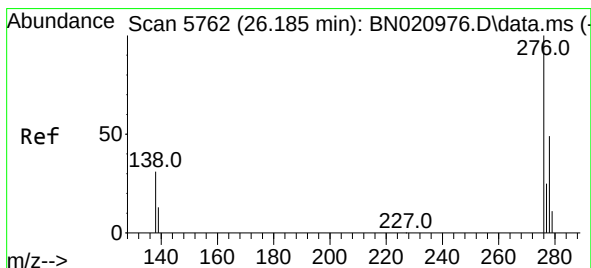
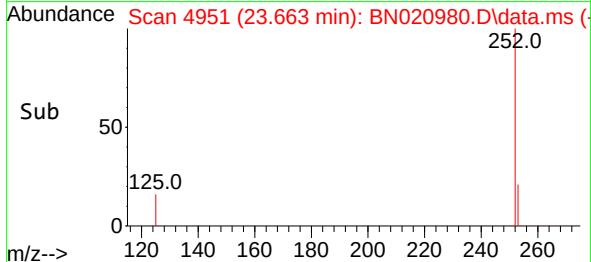
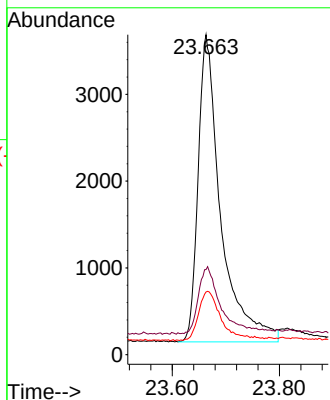
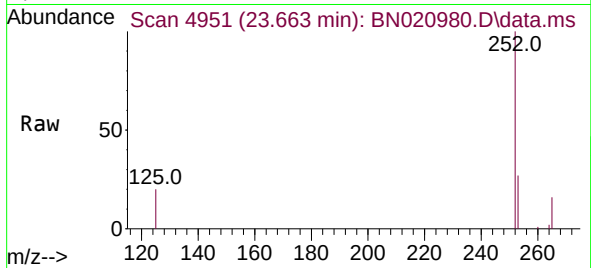




#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.663 min Scan# 4951
Delta R.T. 0.003 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

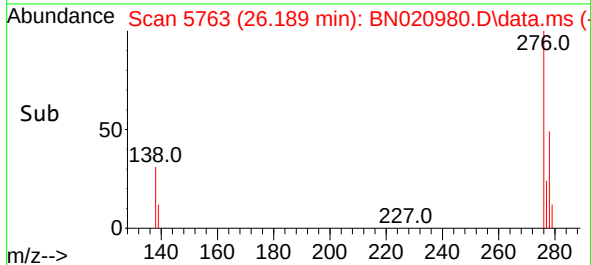
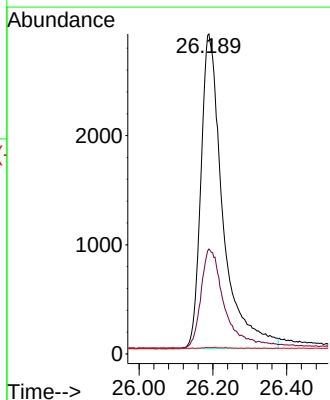
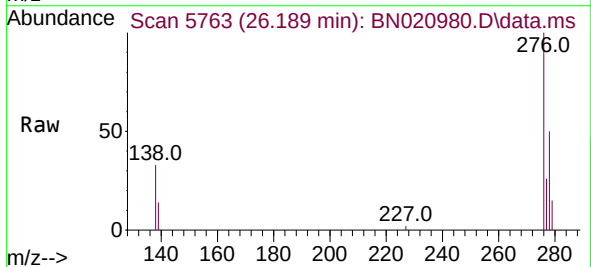
Instrument :
BNA_N
ClientSampleId :
SICV236

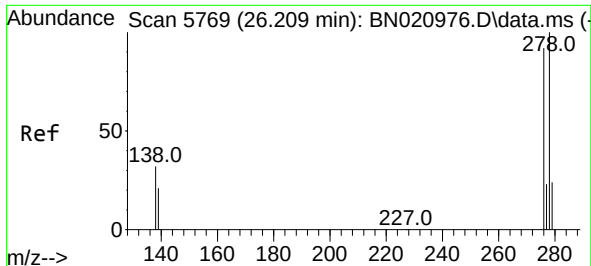
Tgt Ion:	252	Resp:	10366
Ion Ratio	Lower	Upper	
252	100		
253	26.6	22.1	33.1
125	19.6	14.7	22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng/ul
RT: 26.189 min Scan# 5763
Delta R.T. 0.004 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

Tgt Ion:	276	Resp:	11939
Ion Ratio	Lower	Upper	
276	100		
138	34.1	26.1	39.1
227	0.1	0.1	0.1

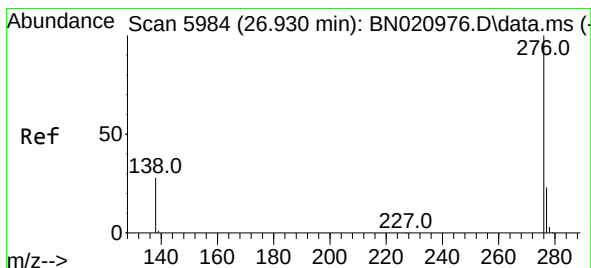
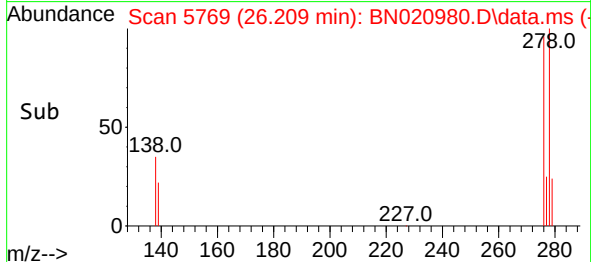
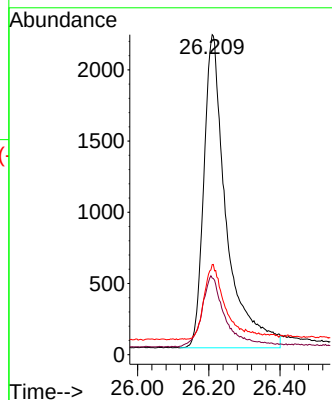
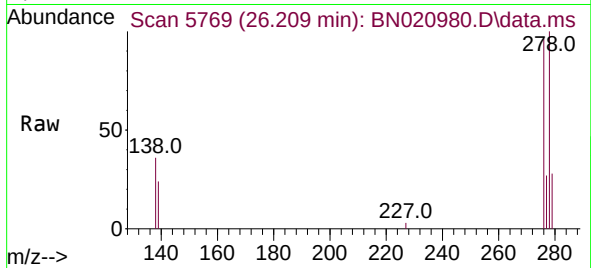




#28
Dibenzo(a,h)anthracene
Concen: 0.351 ng/ul
RT: 26.209 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

Instrument :
BNA_N
ClientSampleId :
SICV236

Tgt Ion: 278 Resp: 9629
Ion Ratio Lower Upper
278 100
139 24.0 18.3 27.5
279 28.2 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 26.927 min Scan# 5983
Delta R.T. -0.003 min
Lab File: BN020980.D
Acq: 03 Aug 2022 16:21

Tgt Ion: 276 Resp: 11284
Ion Ratio Lower Upper
276 100
138 29.7 22.6 34.0
277 24.9 20.2 30.2

