

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080322\
 Data File : BN020976.D
 Acq On : 03 Aug 2022 13:51
 Operator : CG/JU
 Sample : SST0.4232
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4232

Quant Time: Aug 03 14:50:53 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

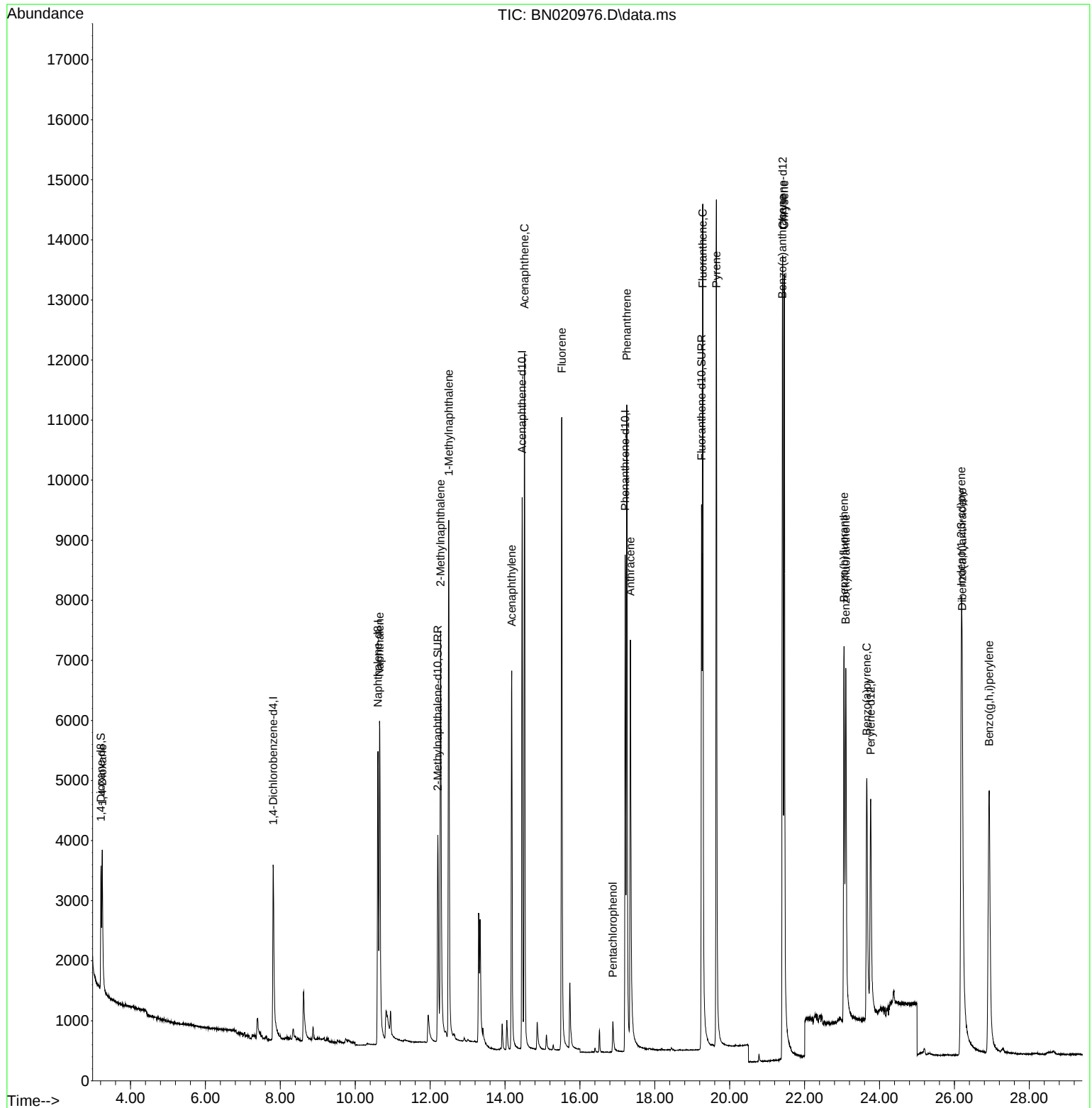
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	2386	0.400	ng/ul	0.00
4) Naphthalene-d8	10.607	136	8079	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.456	164	5412	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	10657	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	8916	0.400	ng/ul	0.00
23) Perylene-d12	23.765	264	5906	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	1488	0.511	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	5625	0.472	ng/ul	0.00
18) Fluoranthene-d10	19.249	212	11176	0.410	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.244	88	1519	0.485	ng/ul	95
5) Naphthalene	10.651	128	8984	0.407	ng/ul	99
7) 2-Methylnaphthalene	12.279	142	6447	0.479	ng/ul	98
8) 1-Methylnaphthalene	12.499	142	7167	0.483	ng/ul	100
10) Acenaphthylene	14.179	152	8560	0.387	ng/ul	99
11) Acenaphthene	14.521	153	7320	0.396	ng/ul	100
12) Fluorene	15.516	166	8049	0.378	ng/ul	99
14) Pentachlorophenol	16.880	266	494	0.290	ng/ul	98
15) Phenanthrene	17.252	178	13117	0.363	ng/ul	100
16) Anthracene	17.349	178	10097	0.325	ng/ul	99
19) Fluoranthene	19.282	202	14075	0.351	ng/ul	100
20) Pyrene	19.644	202	14359	0.342	ng/ul	97
21) Benzo(a)anthracene	21.406	228	9970	0.308	ng/ul	99
22) Chrysene	21.459	228	13467	0.336	ng/ul	99
24) Benzo(b)fluoranthene	23.052	252	9017	0.320	ng/ul	99
25) Benzo(k)fluoranthene	23.099	252	9365	0.306	ng/ul	99
26) Benzo(a)pyrene	23.660	252	8215	0.309	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.185	276	12321	0.394	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.209	278	9695	0.379	ng/ul	98
29) Benzo(g,h,i)perylene	26.930	276	11207	0.394	ng/ul	98

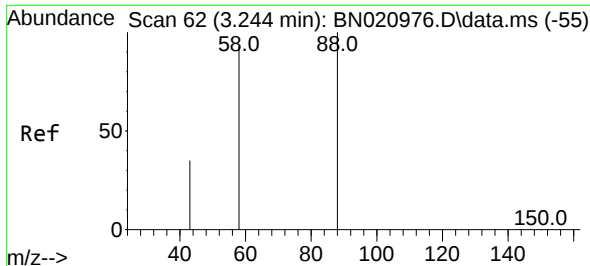
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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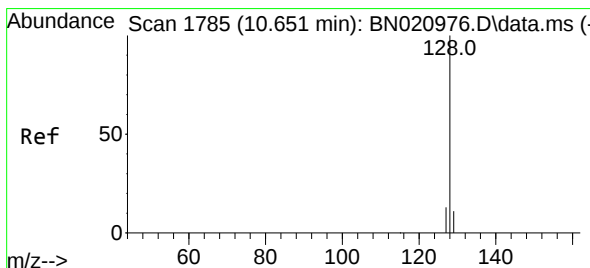
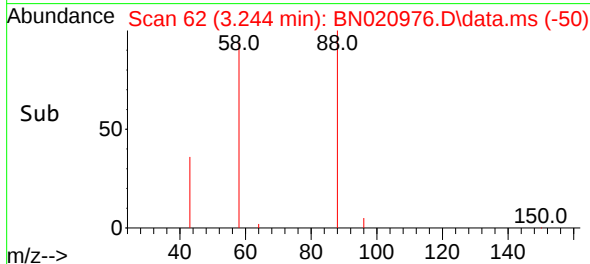
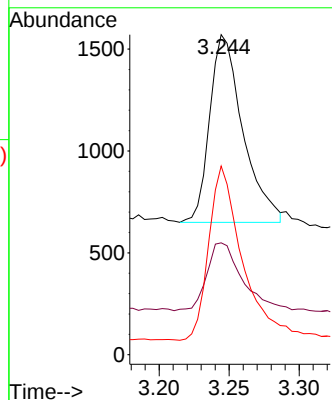
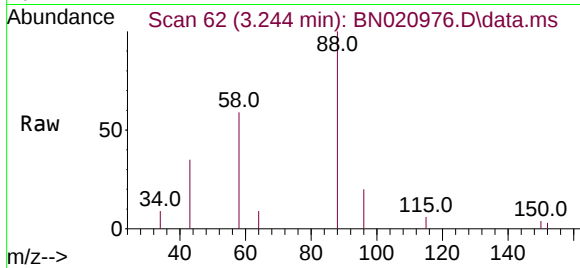




#2
 1,4-Dioxane
 Concen: 0.485 ng/ul
 RT: 3.244 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN020976.D
 Acq: 03 Aug 2022 13:51

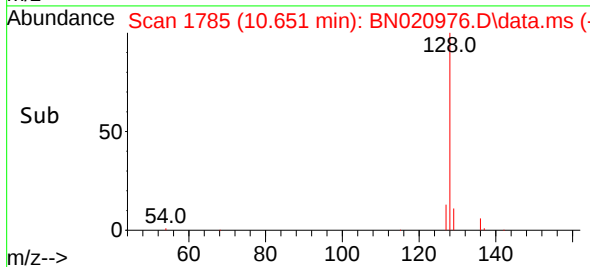
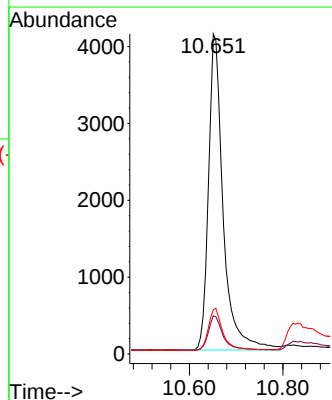
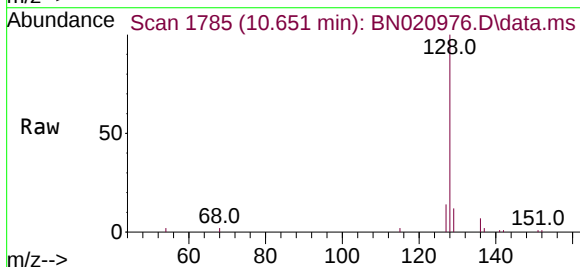
Instrument :
 BNA_N
 ClientSampleId :
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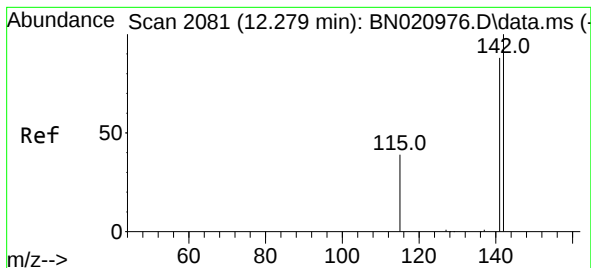
Tgt Ion: 88 Resp: 1519
 Ion Ratio Lower Upper
 88 100
 43 34.9 31.4 47.0
 58 58.9 49.0 73.6



#5
 Naphthalene
 Concen: 0.407 ng/ul
 RT: 10.651 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: BN020976.D
 Acq: 03 Aug 2022 13:51

Tgt Ion: 128 Resp: 8984
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.8 14.6
 127 13.8 11.6 17.4

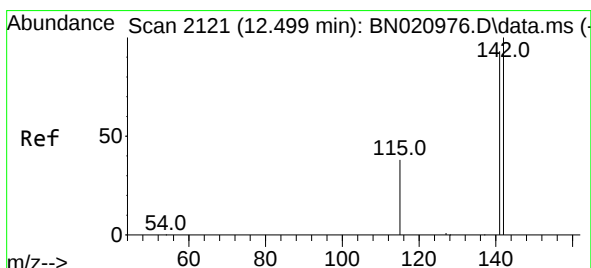
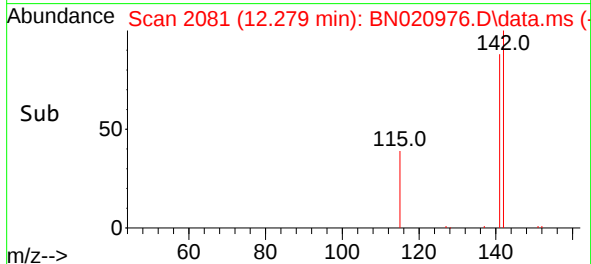
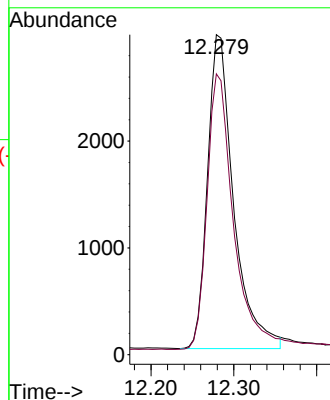
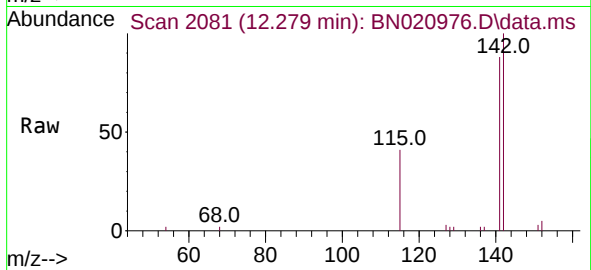




#7
2-Methylnaphthalene
Concen: 0.479 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

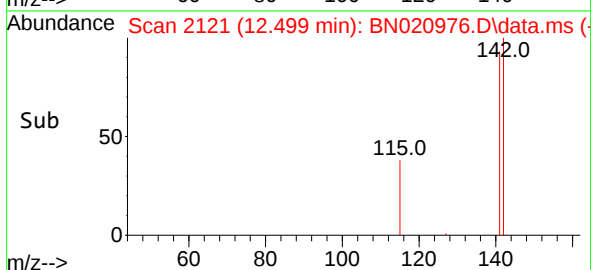
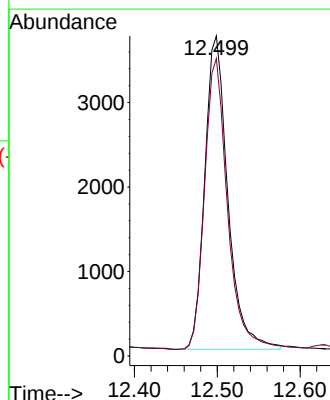
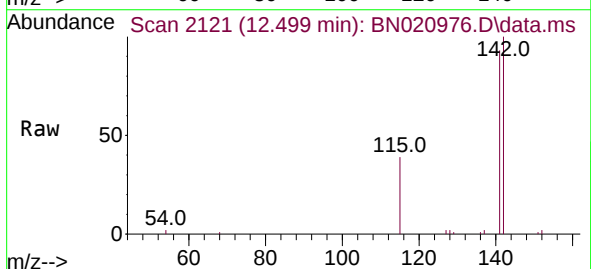
Instrument :
BNA_N
ClientSampleId :
SSTD0.4232

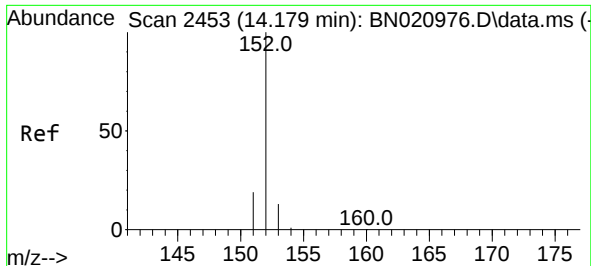
Tgt Ion:142 Resp: 6447
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.483 ng/ul
RT: 12.499 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

Tgt Ion:142 Resp: 7167
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9

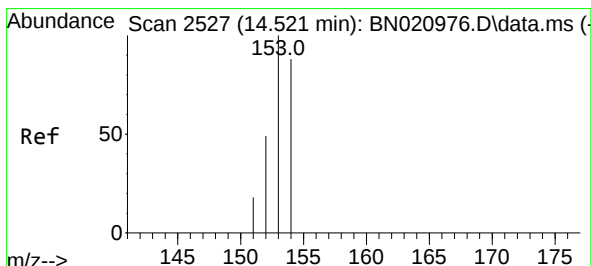
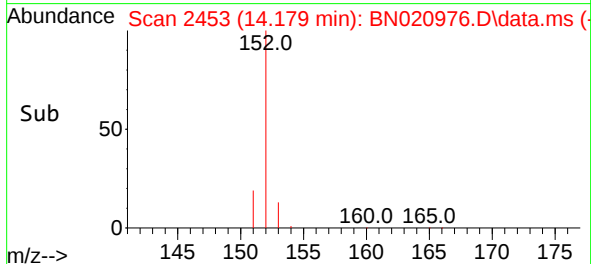
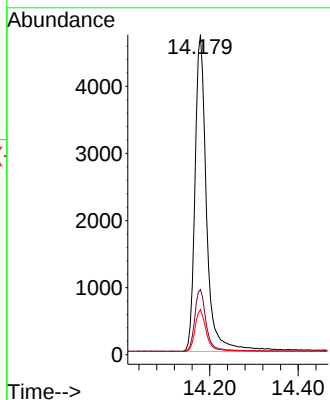
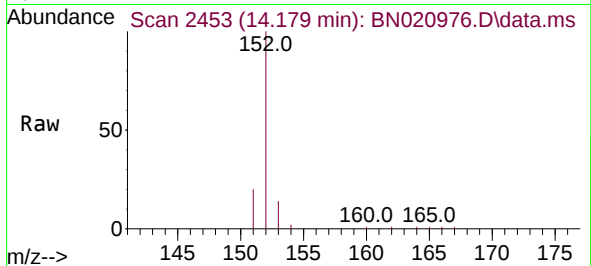




#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 14.179 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

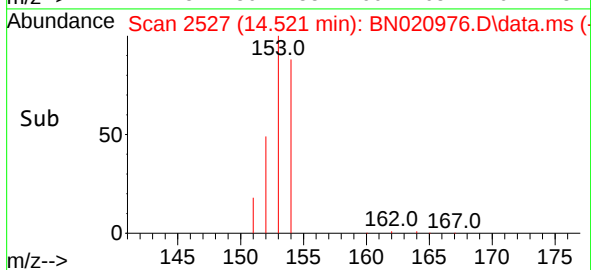
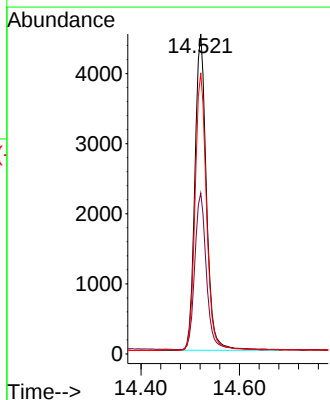
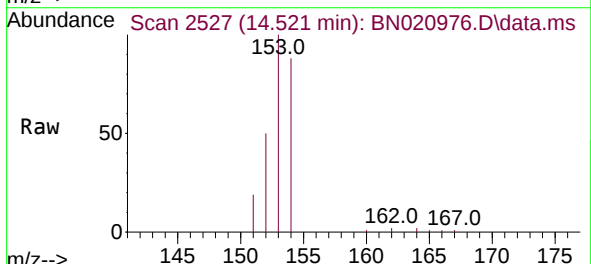
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BNA_N
ClientSampleId :
SSTD0.4232

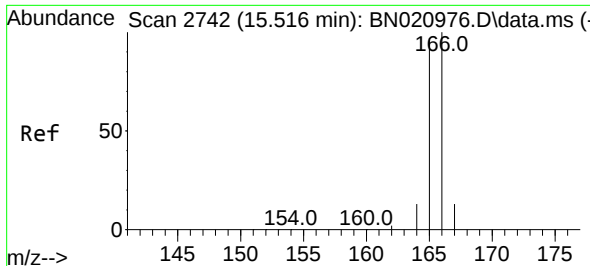
Tgt Ion:152 Resp: 8560
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 14.1 11.2 16.8



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

Tgt Ion:153 Resp: 7320
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 87.8 70.7 106.1

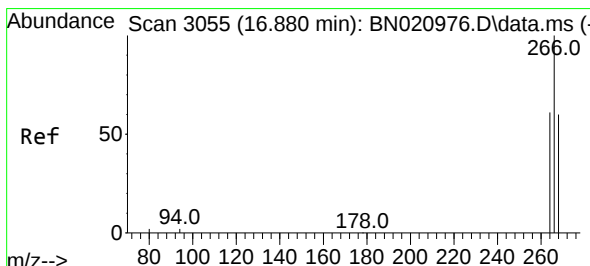
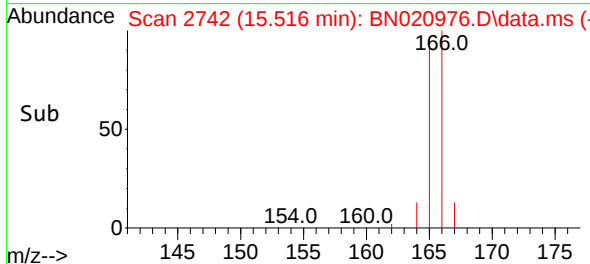
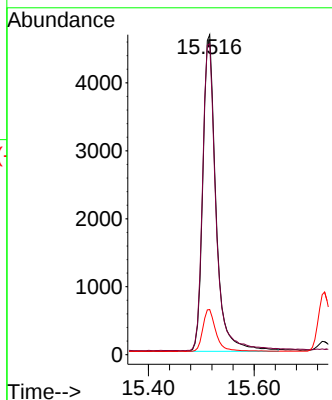
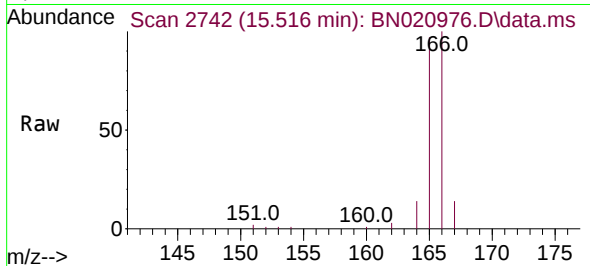




#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.516 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

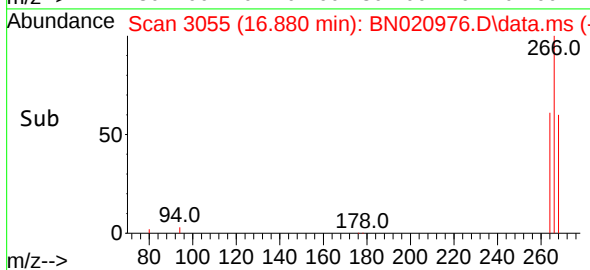
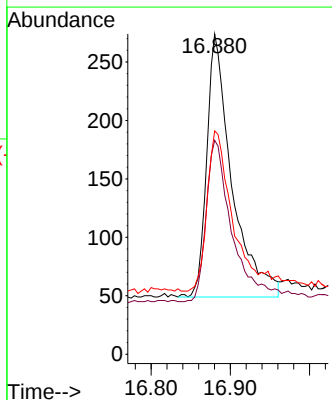
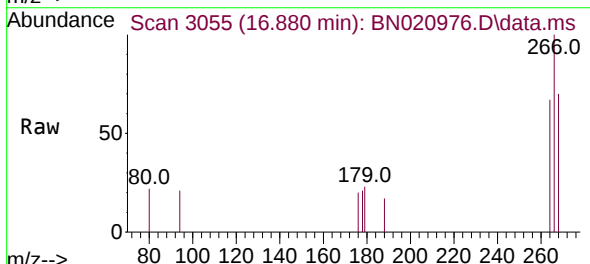
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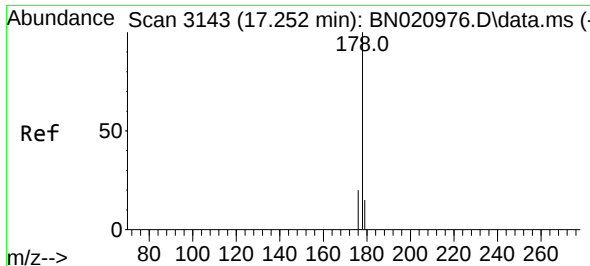
Tgt Ion:166 Resp: 8049
Ion Ratio Lower Upper
166 100
165 97.2 78.6 117.8
167 14.1 11.8 17.6



#14
Pentachlorophenol
Concen: 0.290 ng/ul
RT: 16.880 min Scan# 3055
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

Tgt Ion:266 Resp: 494
Ion Ratio Lower Upper
266 100
264 64.0 49.8 74.8
268 64.6 50.6 75.8

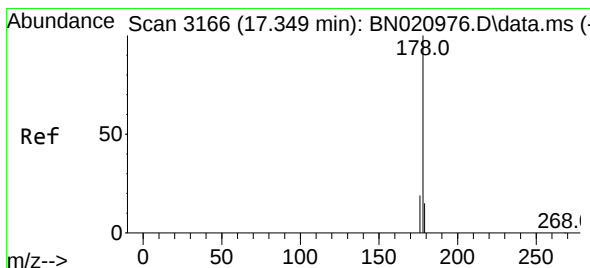
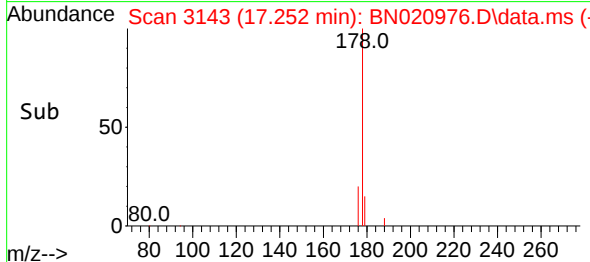
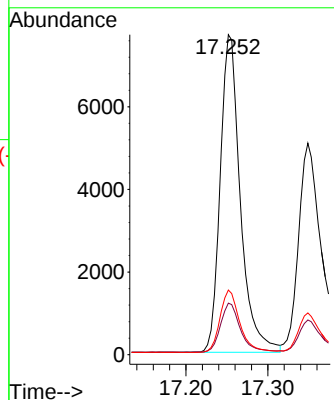
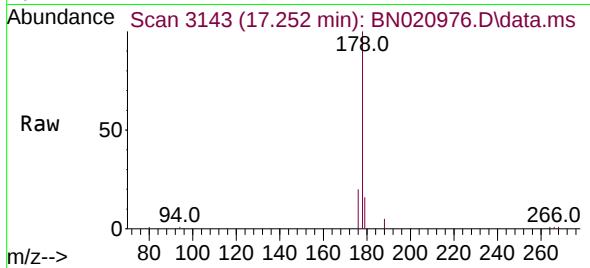




#15
Phenanthrene
Concen: 0.363 ng/u1
RT: 17.252 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

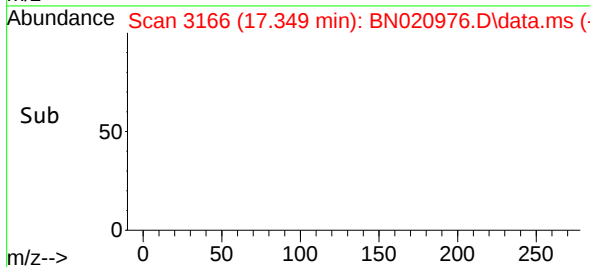
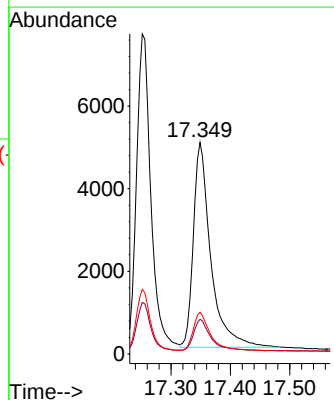
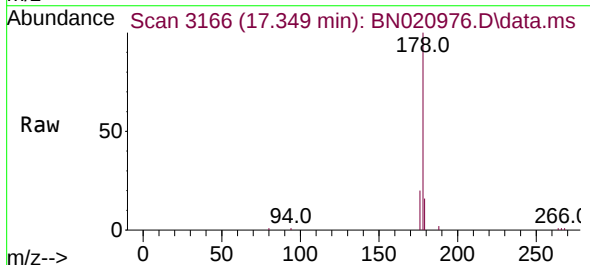
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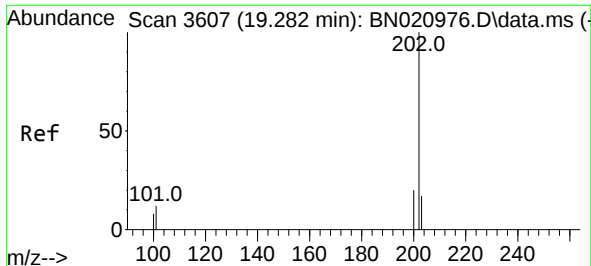
Tgt Ion:	178	Resp:	13117
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.8	19.2
176	20.2	15.9	23.9



#16
Anthracene
Concen: 0.325 ng/u1
RT: 17.349 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

Tgt Ion:	178	Resp:	10097
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.9	19.3
176	19.7	15.9	23.9

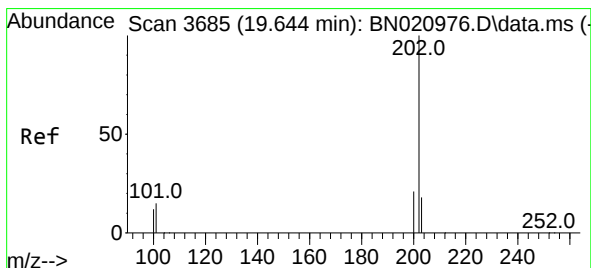
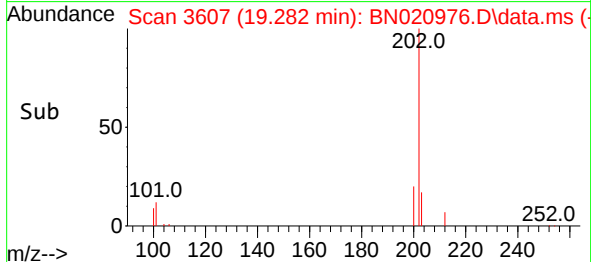
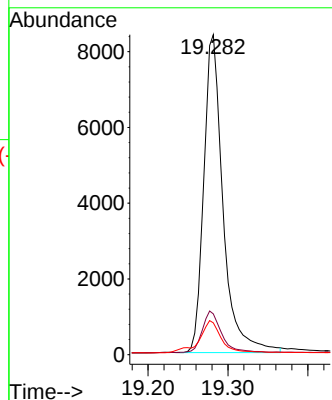
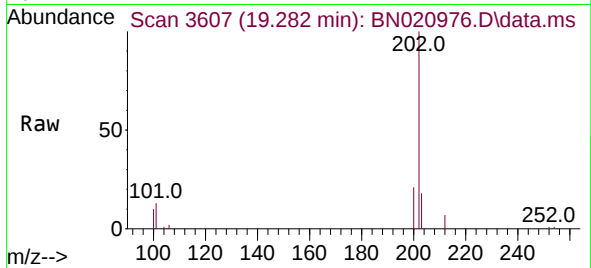




#19
Fluoranthene
Concen: 0.351 ng/u1
RT: 19.282 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

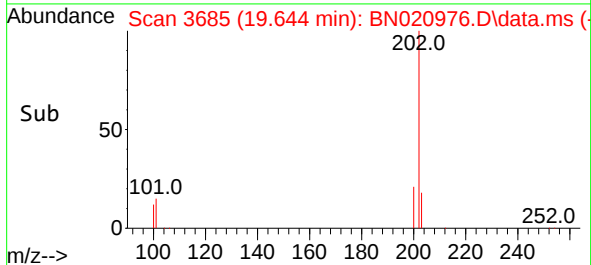
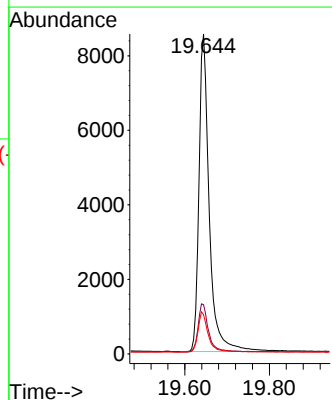
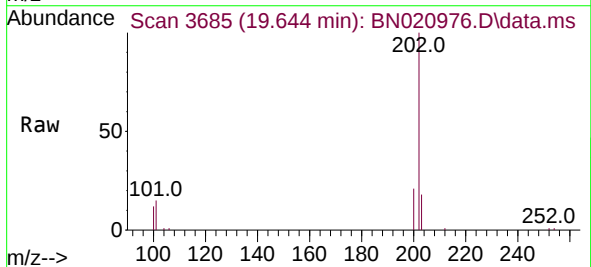
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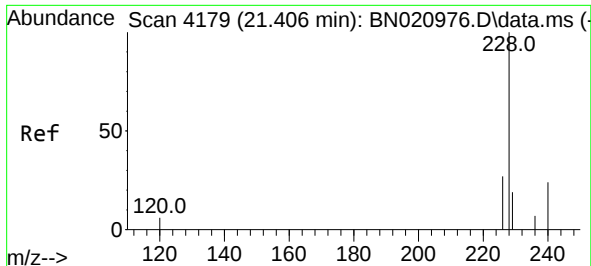
Tgt Ion:202 Resp: 14075
Ion Ratio Lower Upper
202 100
101 12.8 10.0 15.0
100 10.0 8.0 12.0



#20
Pyrene
Concen: 0.342 ng/u1
RT: 19.644 min Scan# 3685
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

Tgt Ion:202 Resp: 14359
Ion Ratio Lower Upper
202 100
101 15.4 11.3 16.9
100 12.3 9.0 13.4

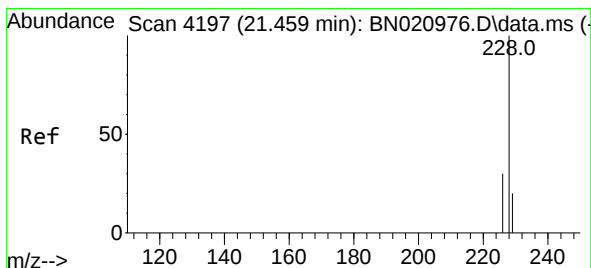
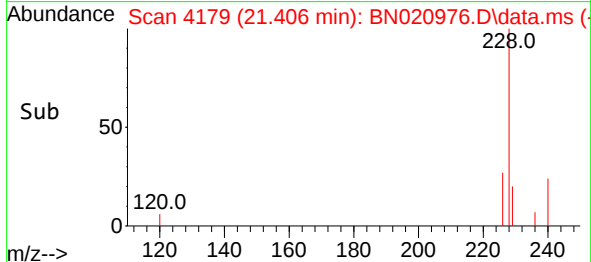
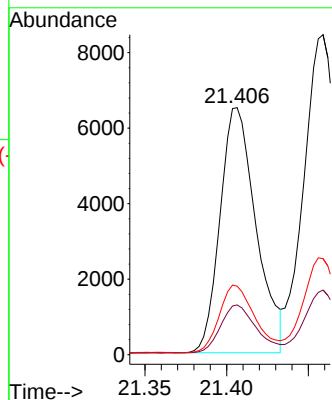
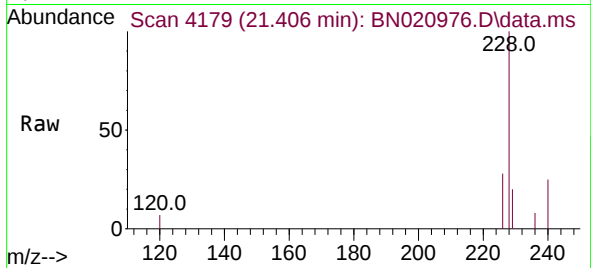




#21
Benzo(a)anthracene
Concen: 0.308 ng/ul
RT: 21.406 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

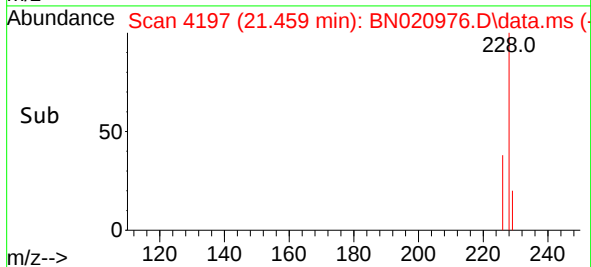
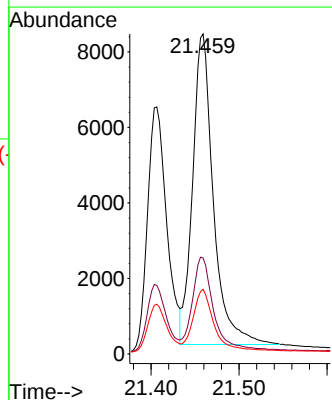
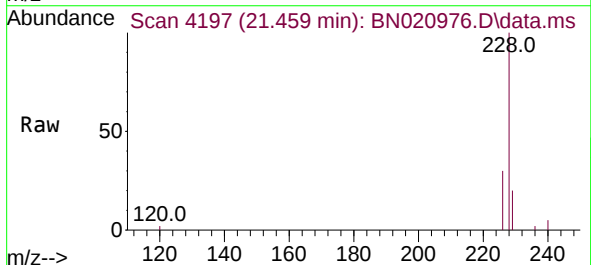
Instrument :
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ClientSampleId :
SSTD0.4232

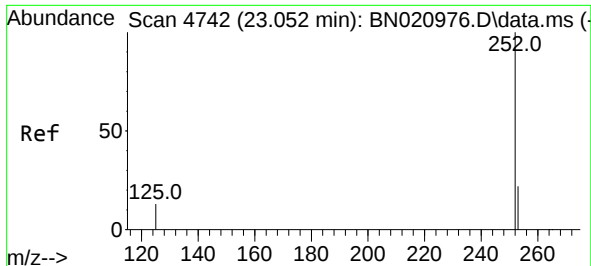
Tgt Ion:228 Resp: 9970
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 27.8 21.9 32.9



#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.459 min Scan# 4197
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

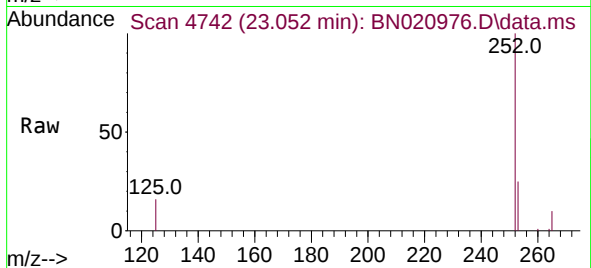
Tgt Ion:228 Resp: 13467
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 20.2 15.8 23.8



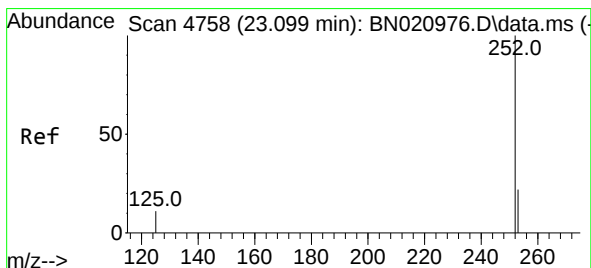
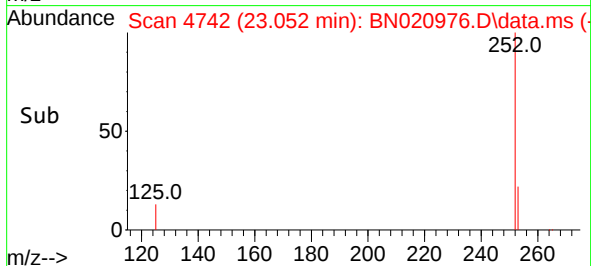
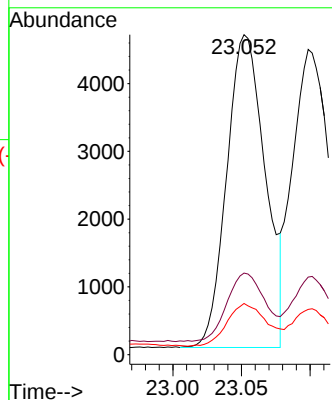


#24
Benzo(b)fluoranthene
Concen: 0.320 ng/ul
RT: 23.052 min Scan# 4742
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

Instrument :
BNA_N
ClientSampleId :
SSTD0.4232

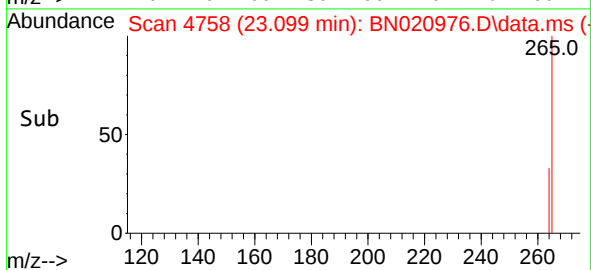
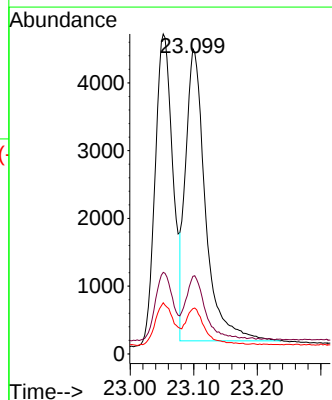
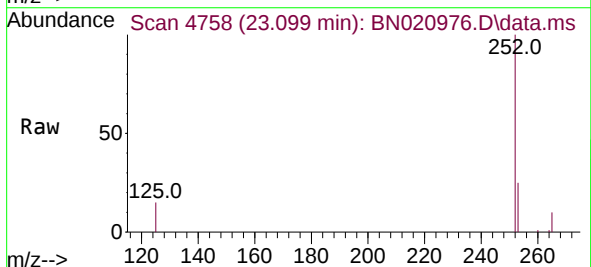


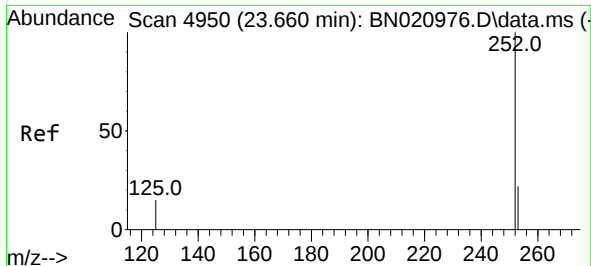
Tgt Ion:252 Resp: 9017
Ion Ratio Lower Upper
252 100
253 25.5 0.0 50.8
125 16.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul
RT: 23.099 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

Tgt Ion:252 Resp: 9365
Ion Ratio Lower Upper
252 100
253 25.4 20.6 31.0
125 14.8 11.8 17.6

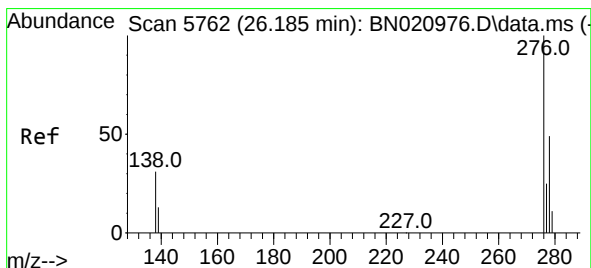
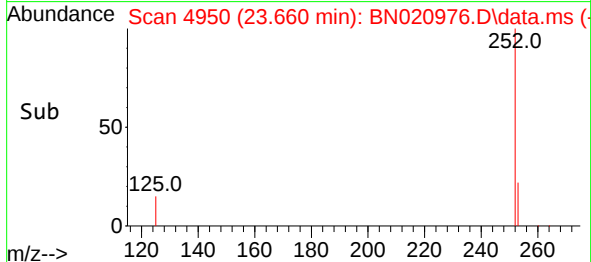
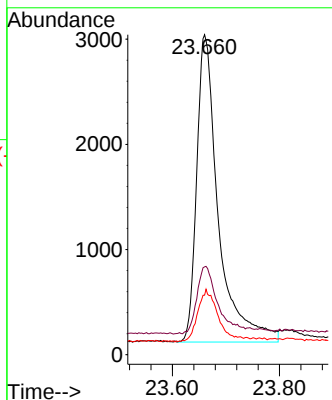
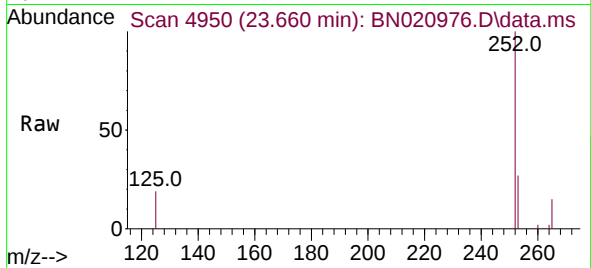




#26
Benzo(a)pyrene
Concen: 0.309 ng/ul
RT: 23.660 min Scan# 4950
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

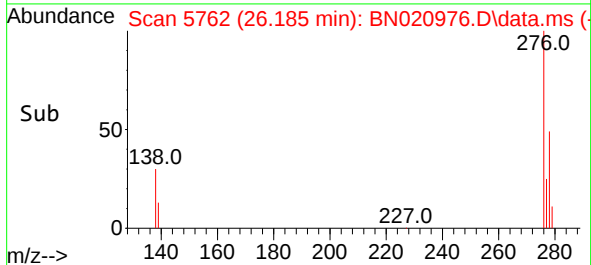
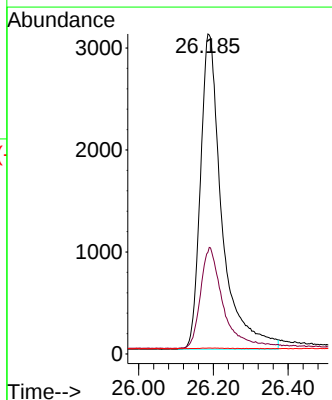
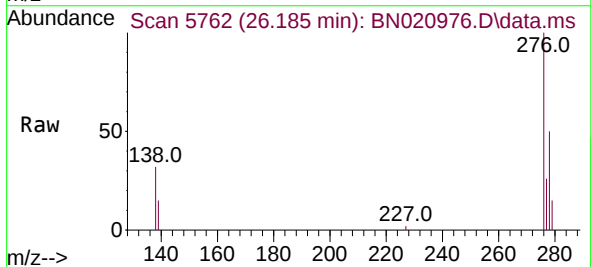
Instrument :
BNA_N
ClientSampleId :
SSTD0.4232

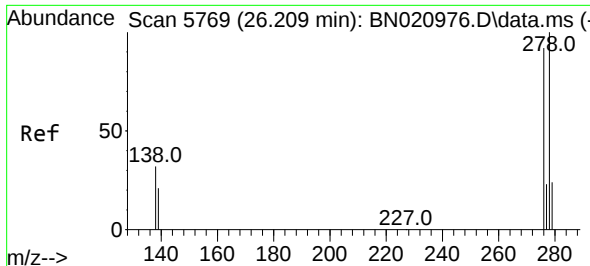
Tgt Ion:252 Resp: 8215
Ion Ratio Lower Upper
252 100
253 27.5 22.1 33.1
125 18.6 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng/ul
RT: 26.185 min Scan# 5762
Delta R.T. 0.000 min
Lab File: BN020976.D
Acq: 03 Aug 2022 13:51

Tgt Ion:276 Resp: 12321
Ion Ratio Lower Upper
276 100
138 34.2 26.1 39.1
227 0.0 0.1 0.1#

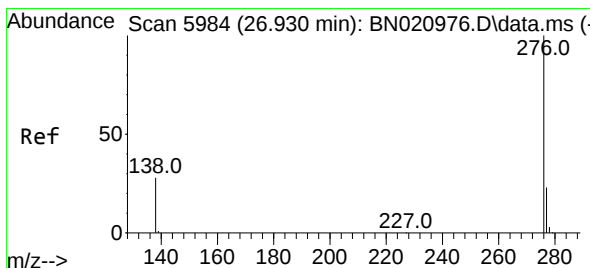
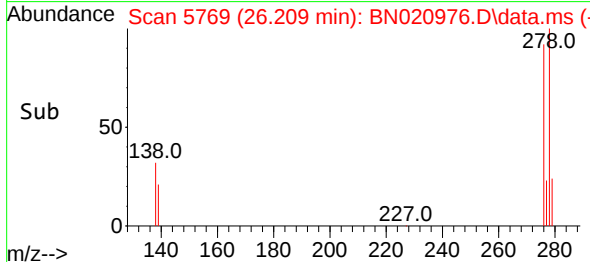
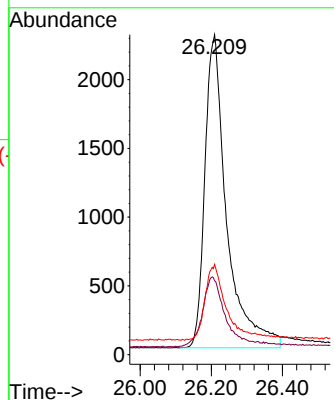
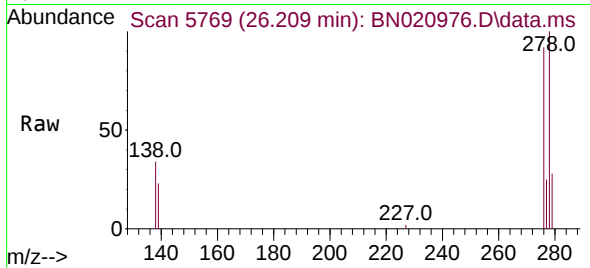




#28
 Dibenzo(a,h)anthracene
 Concen: 0.379 ng/ul
 RT: 26.209 min Scan# 5769
 Delta R.T. 0.000 min
 Lab File: BN020976.D
 Acq: 03 Aug 2022 13:51

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4232

Tgt Ion:278 Resp: 9695
 Ion Ratio Lower Upper
 278 100
 139 23.1 18.3 27.5
 279 28.2 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.394 ng/ul
 RT: 26.930 min Scan# 5984
 Delta R.T. 0.000 min
 Lab File: BN020976.D
 Acq: 03 Aug 2022 13:51

Tgt Ion:276 Resp: 11207
 Ion Ratio Lower Upper
 276 100
 138 29.7 22.6 34.0
 277 25.0 20.2 30.2

