

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022230.D
 Acq On : 20 Oct 2022 12:20
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4318

Quant Time: Oct 21 01:50:07 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 23:32:34 2022
 Response via : Initial Calibration

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

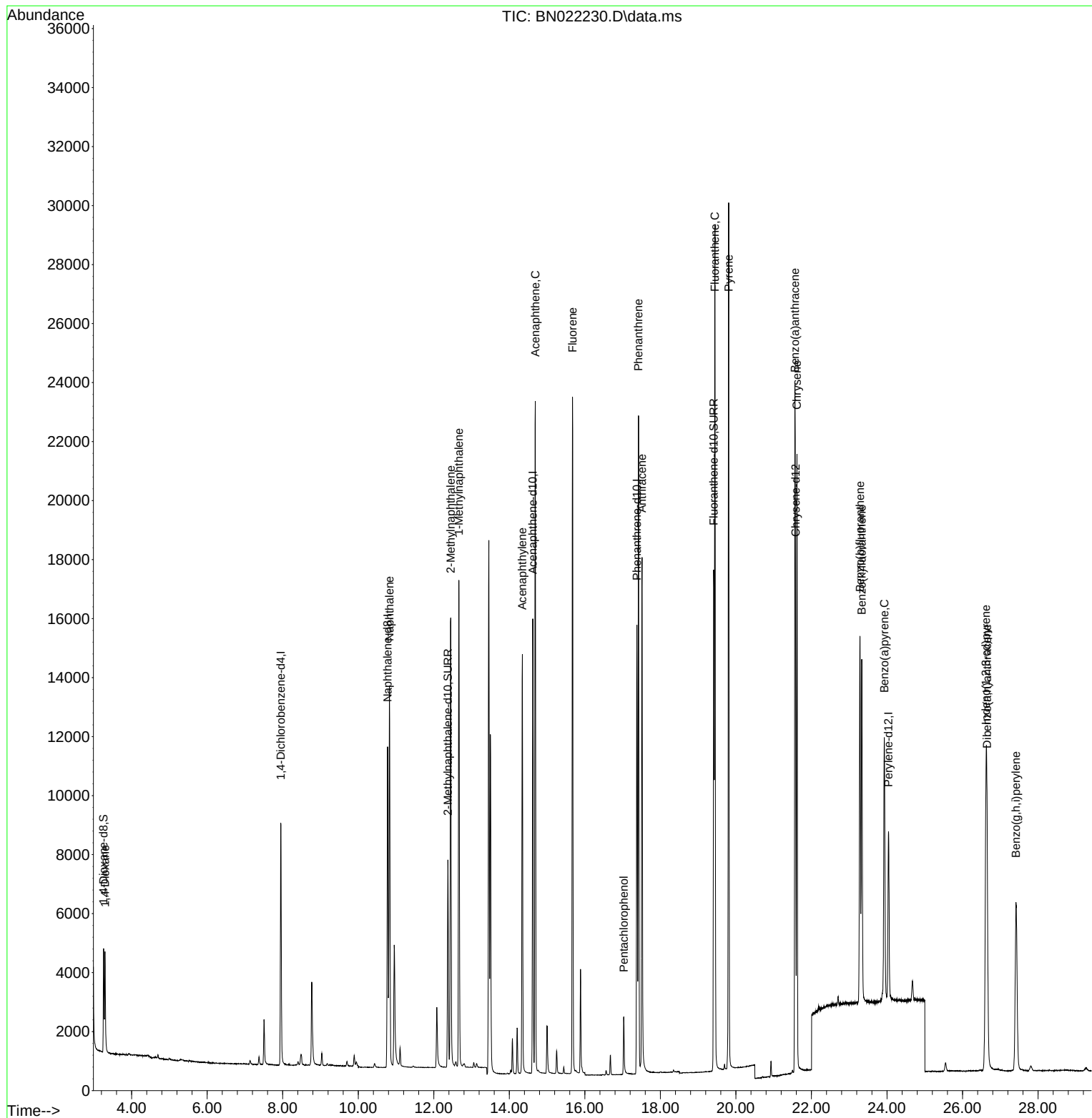
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	4546	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	14937	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	8581	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.378	188	17058	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	11526	0.400	ng/ul	0.00
23) Perylene-d12	24.040	264	8436	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	2332	0.395	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	9487	0.420	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	17905	0.463	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.295	88	2428	0.400	ng/ul	90
5) Naphthalene	10.827	128	18241	0.413	ng/ul	100
7) 2-Methylnaphthalene	12.450	142	11600	0.417	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	11911	0.416	ng/ul	100
10) Acenaphthylene	14.346	152	16500	0.428	ng/ul	100
11) Acenaphthene	14.688	153	13097	0.403	ng/ul	99
12) Fluorene	15.673	166	14648	0.388	ng/ul	99
14) Pentachlorophenol	17.032	266	1467	0.362	ng/ul	99
15) Phenanthrene	17.421	178	23187	0.405	ng/ul	100
16) Anthracene	17.514	178	20199	0.419	ng/ul	99
19) Fluoranthene	19.444	202	24017	0.455	ng/ul	99
20) Pyrene	19.807	202	24239	0.457	ng/ul	99
21) Benzo(a)anthracene	21.561	228	18482	0.428	ng/ul	98
22) Chrysene	21.617	228	18371	0.401	ng/ul	99
24) Benzo(b)fluoranthene	23.286	252	16351	0.386	ng/ul	96
25) Benzo(k)fluoranthene	23.333	252	15797	0.383	ng/ul	98
26) Benzo(a)pyrene	23.929	252	13451	0.398	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.622	276	15970	0.380	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.648	278	12665	0.378	ng/ul	98
29) Benzo(g,h,i)perylene	27.416	276	12973	0.379	ng/ul	99

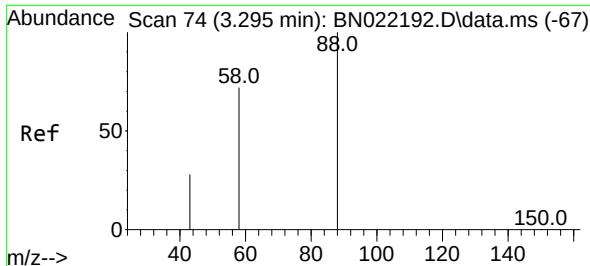
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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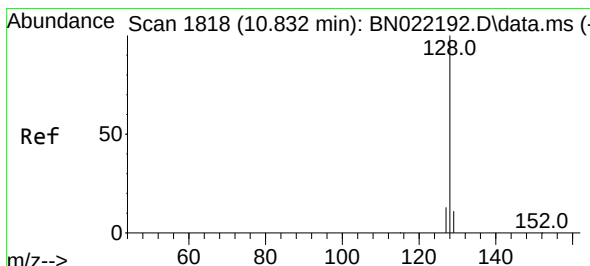
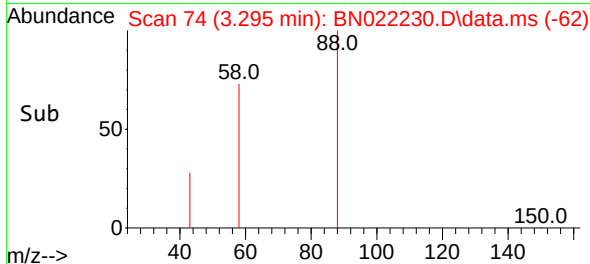
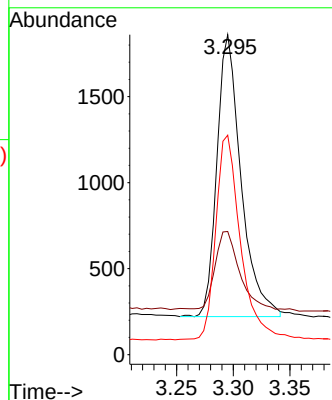
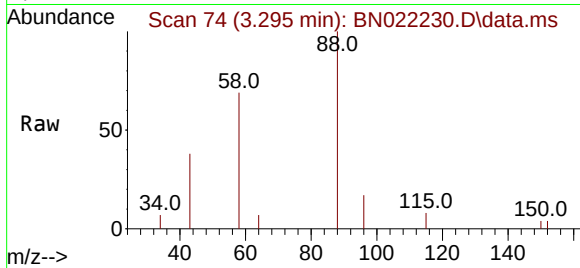




#2
 1,4-Dioxane
 Concen: 0.400 ng/ul
 RT: 3.295 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: BN022230.D
 Acq: 20 Oct 2022 12:20

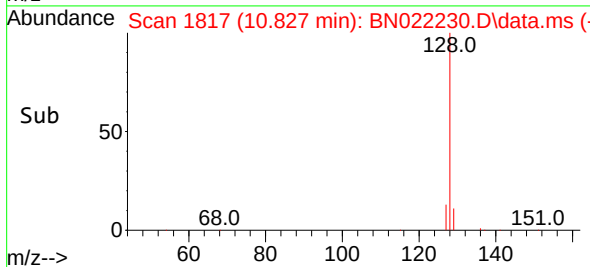
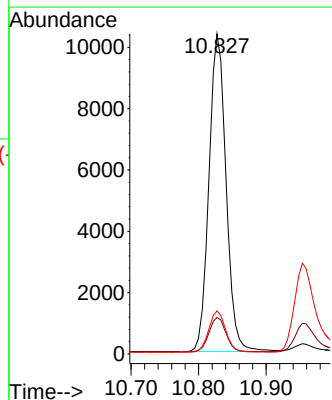
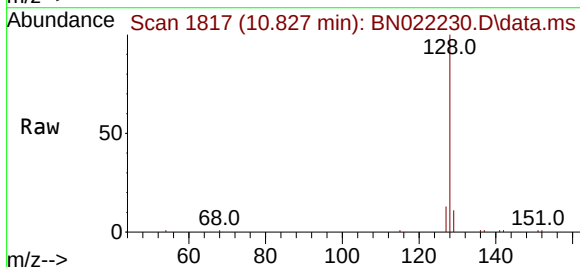
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4318

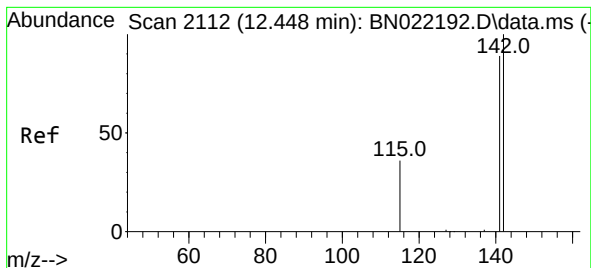
Tgt Ion: 88 Resp: 2428
 Ion Ratio Lower Upper
 88 100
 43 38.5 27.4 41.2
 58 68.6 48.2 72.2



#5
 Naphthalene
 Concen: 0.413 ng/ul
 RT: 10.827 min Scan# 1817
 Delta R.T. -0.004 min
 Lab File: BN022230.D
 Acq: 20 Oct 2022 12:20

Tgt Ion: 128 Resp: 18241
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.3 13.9
 127 13.5 10.7 16.1

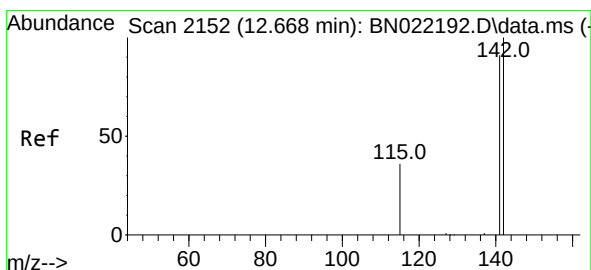
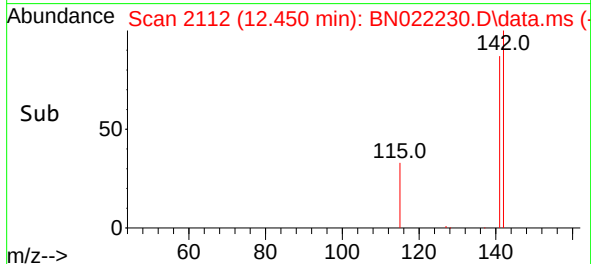
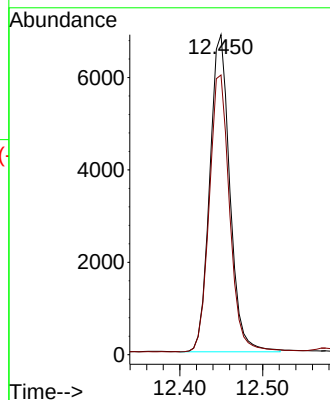
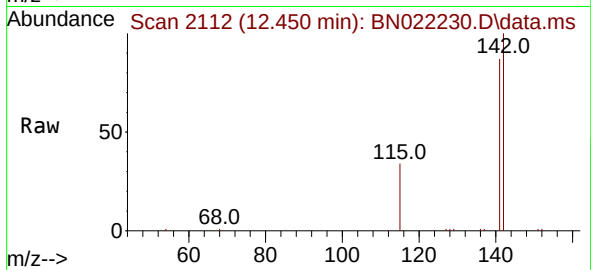




#7
2-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.450 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

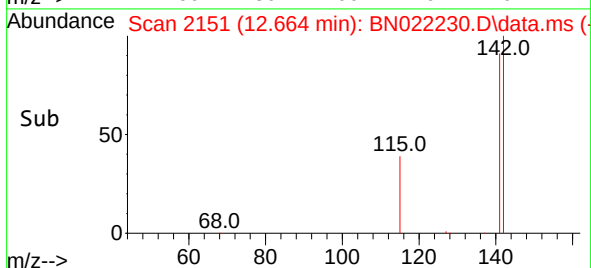
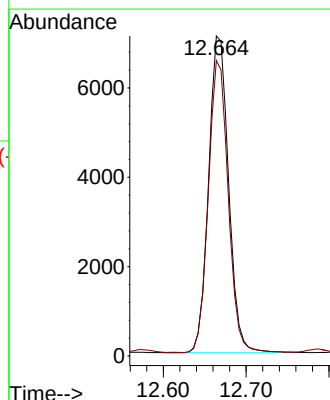
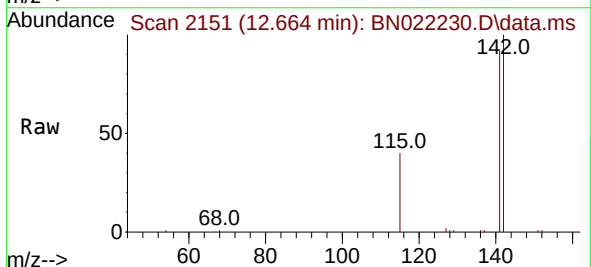
Instrument :
BNA_N
ClientSampleId :
SSTD0.4318

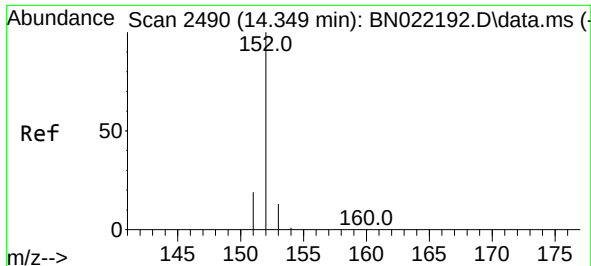
Tgt Ion:142 Resp: 11600
Ion Ratio Lower Upper
142 100
141 88.2 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

Tgt Ion:142 Resp: 11911
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

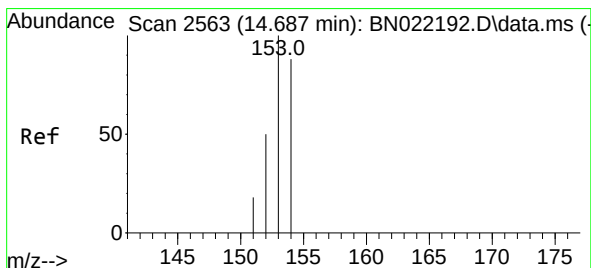
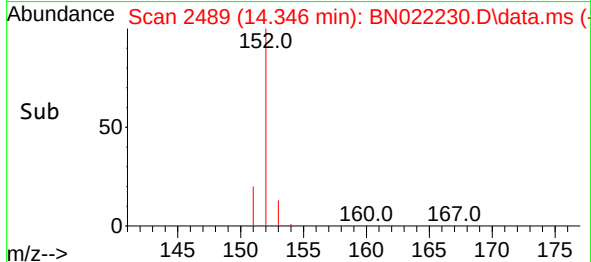
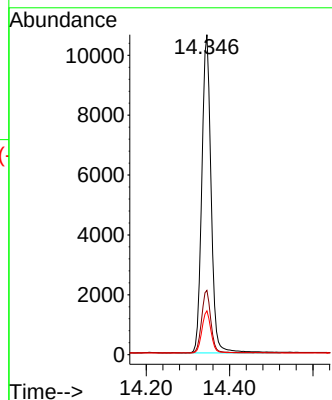
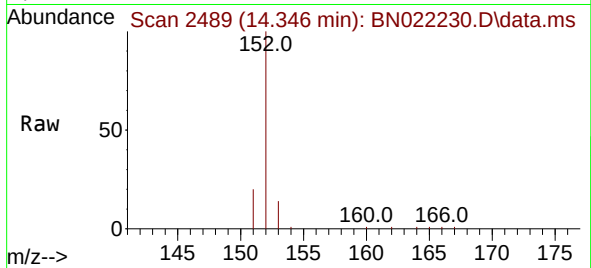




#10
Acenaphthylene
Concen: 0.428 ng/ul
RT: 14.346 min Scan# 2490
Delta R.T. -0.003 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

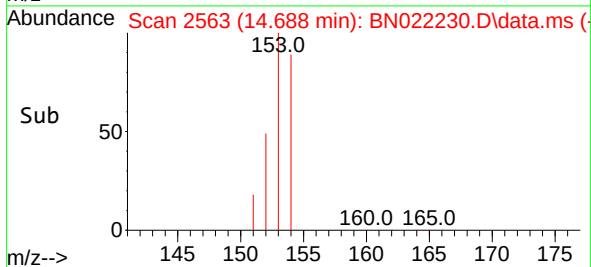
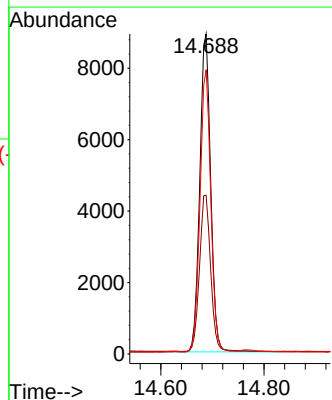
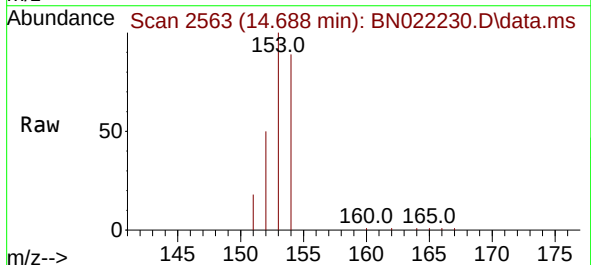
Instrument :
BNA_N
ClientSampleId :
SSTD0.4318

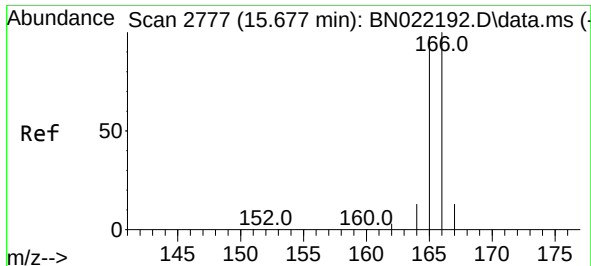
Tgt Ion:152 Resp: 16500
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.688 min Scan# 2563
Delta R.T. 0.001 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

Tgt Ion:153 Resp: 13097
Ion Ratio Lower Upper
153 100
152 49.6 40.6 61.0
154 88.9 70.6 106.0

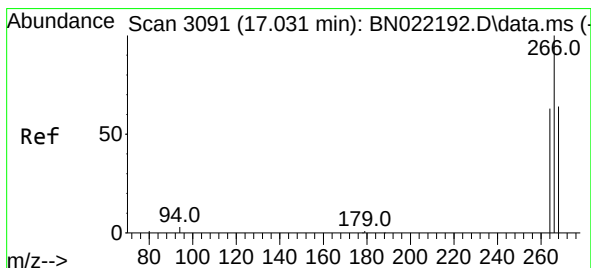
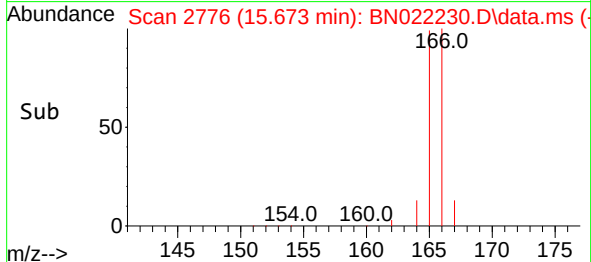
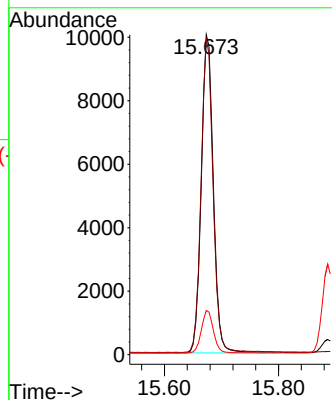
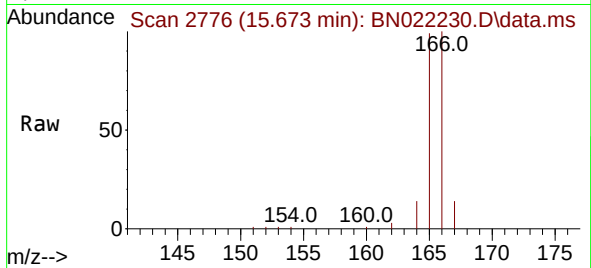




#12
 Fluorene
 Concen: 0.388 ng/ul
 RT: 15.673 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN022230.D
 Acq: 20 Oct 2022 12:20

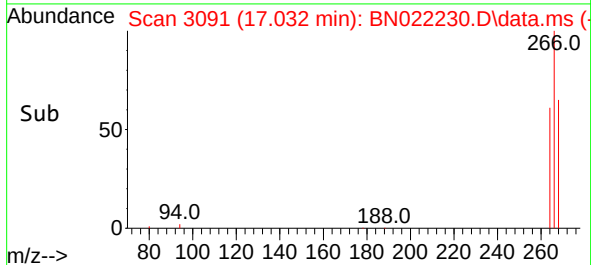
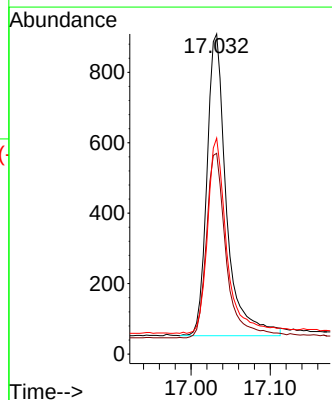
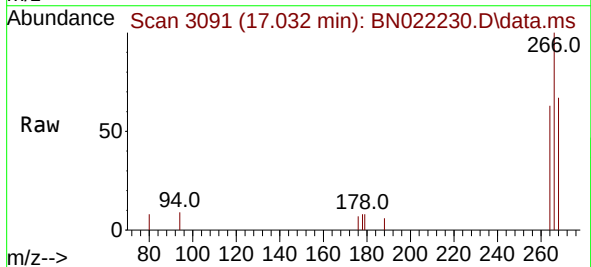
Instrument :
 BNA_N
 ClientSampleId :
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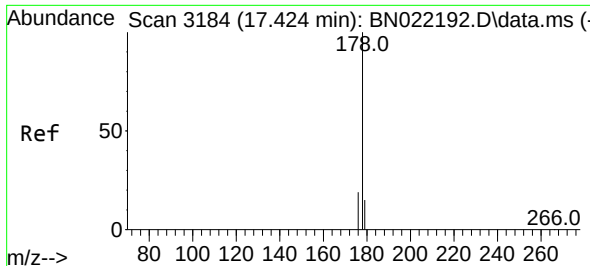
Tgt Ion:166 Resp: 14648
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.2 117.2
 167 13.8 11.0 16.4



#14
 Pentachlorophenol
 Concen: 0.362 ng/ul
 RT: 17.032 min Scan# 3091
 Delta R.T. 0.001 min
 Lab File: BN022230.D
 Acq: 20 Oct 2022 12:20

Tgt Ion:266 Resp: 1467
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.8 74.6
 268 63.4 51.4 77.2

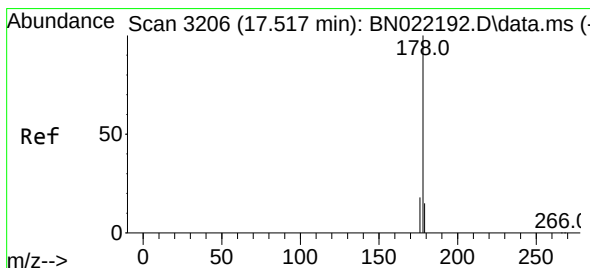
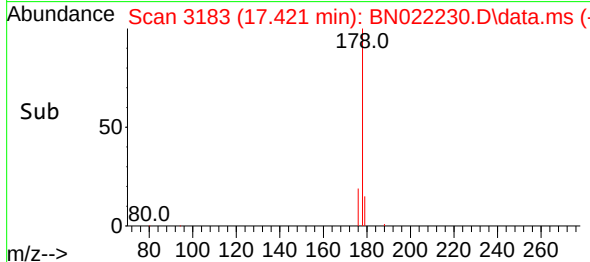
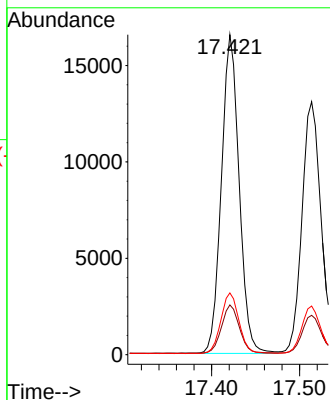
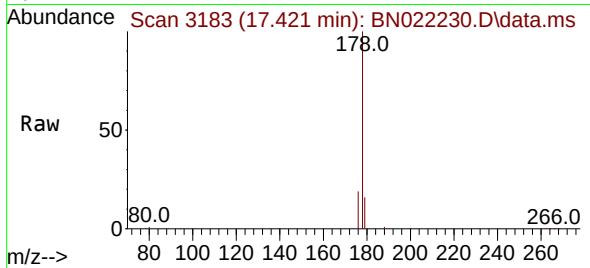




#15
Phenanthrene
Concen: 0.405 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

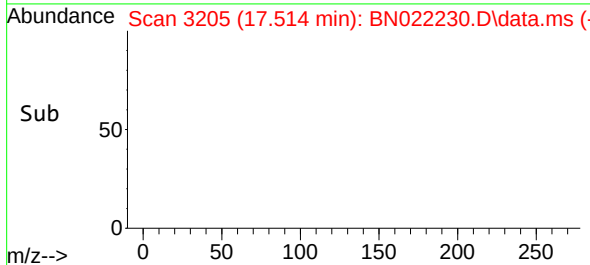
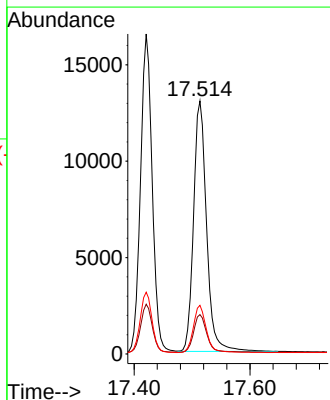
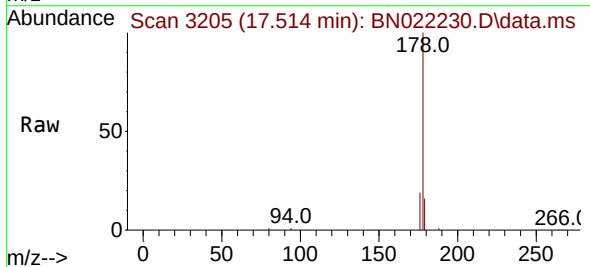
Instrument :
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ClientSampleId :
SSTD0.4318

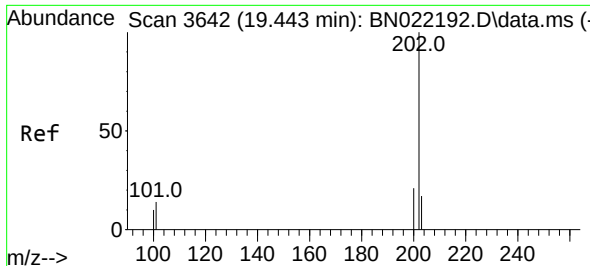
Tgt Ion:178 Resp: 23187
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.3 15.4 23.2



#16
Anthracene
Concen: 0.419 ng/ul
RT: 17.514 min Scan# 3205
Delta R.T. -0.003 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

Tgt Ion:178 Resp: 20199
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.2 15.0 22.6

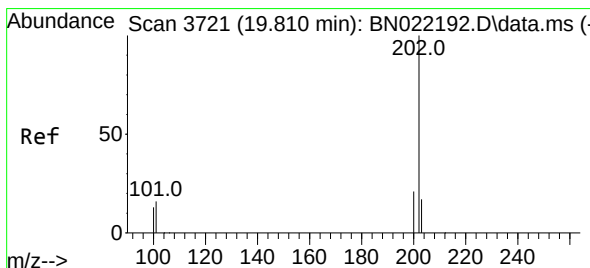
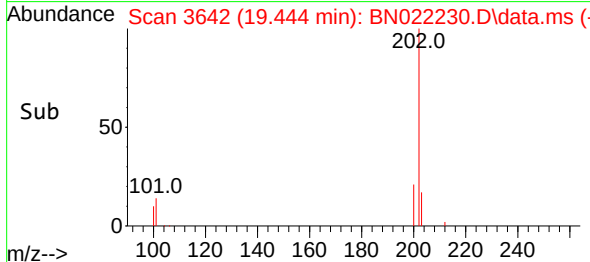
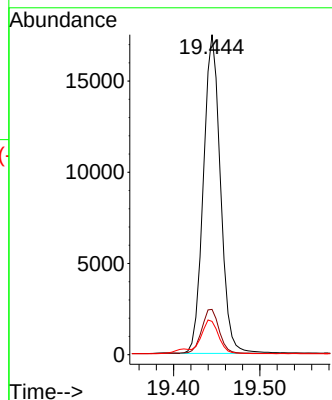
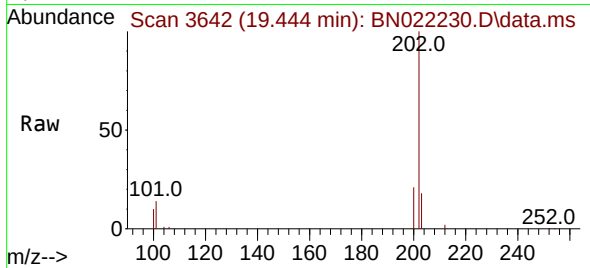




#19
Fluoranthene
Concen: 0.455 ng/ul
RT: 19.444 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

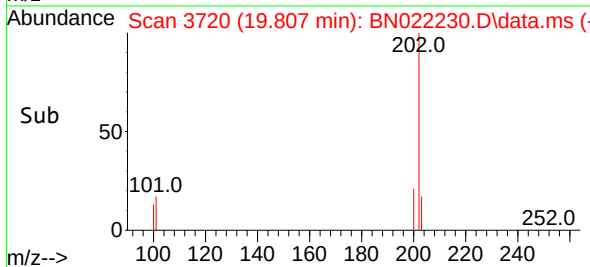
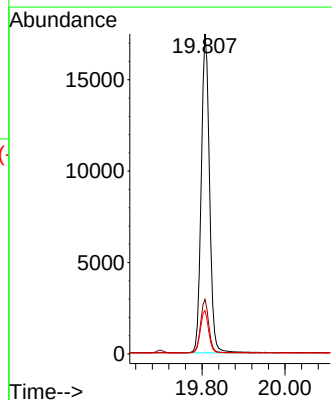
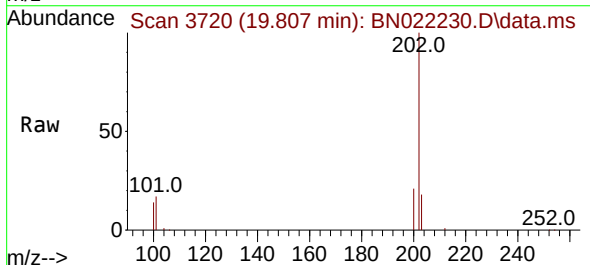
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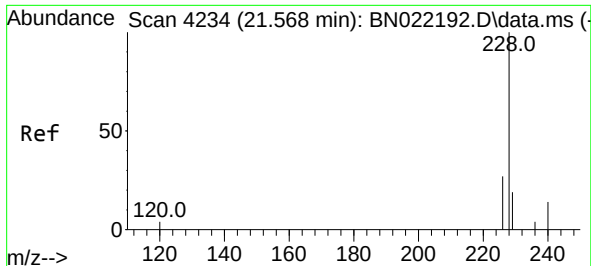
Tgt Ion:202 Resp: 24017
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 10.4 8.7 13.1



#20
Pyrene
Concen: 0.457 ng/ul
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

Tgt Ion:202 Resp: 24239
Ion Ratio Lower Upper
202 100
101 17.0 13.1 19.7
100 13.5 10.6 16.0

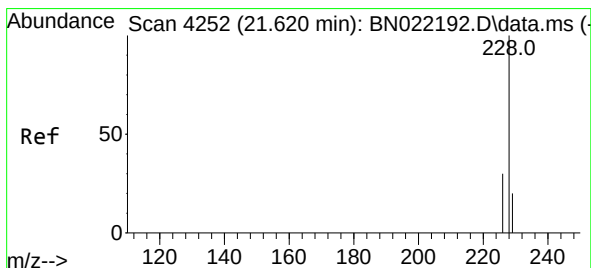
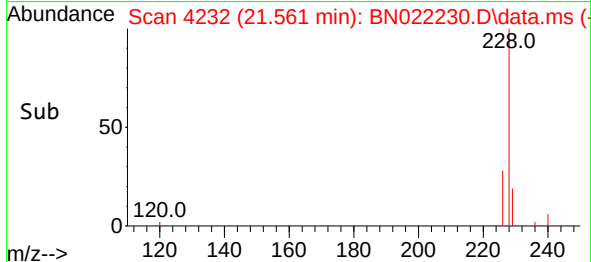
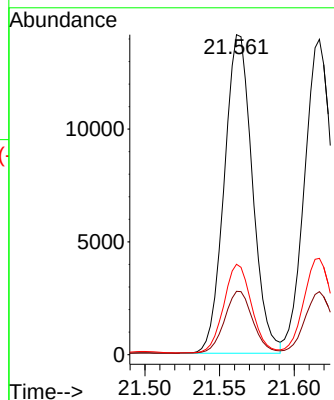
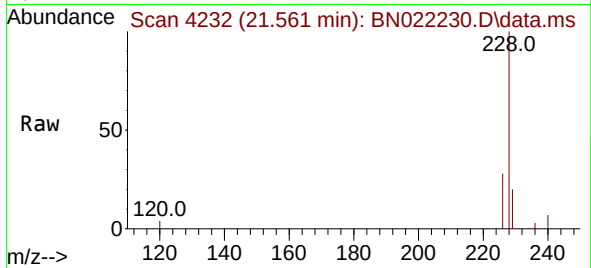




#21
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.561 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

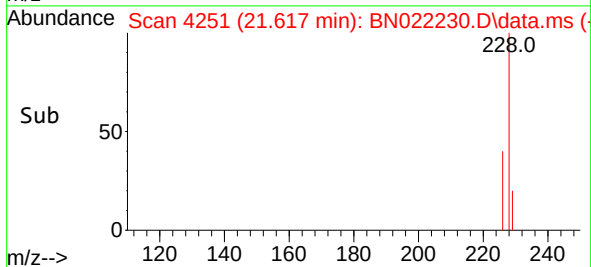
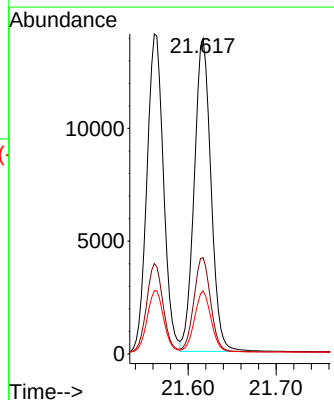
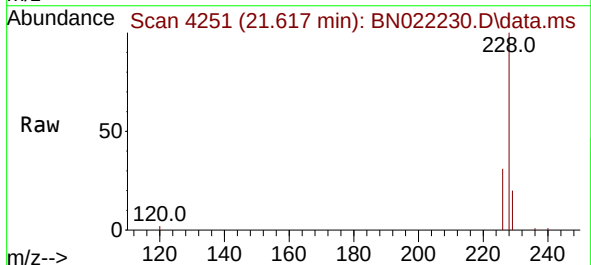
Instrument :
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SSTD0.4318

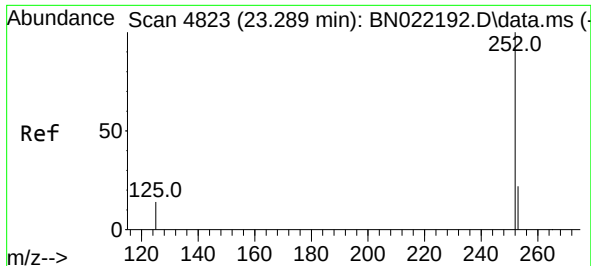
Tgt Ion:228 Resp: 18482
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.3 21.5 32.3



#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.617 min Scan# 4251
Delta R.T. -0.003 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

Tgt Ion:228 Resp: 18371
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 20.0 15.9 23.9

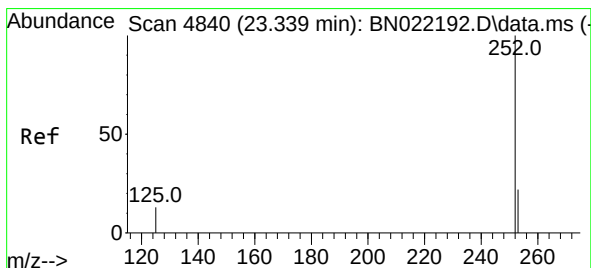
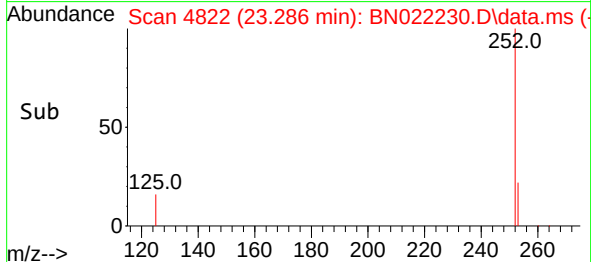
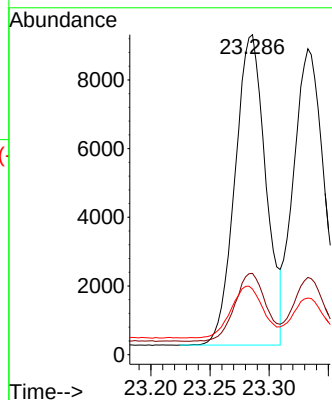
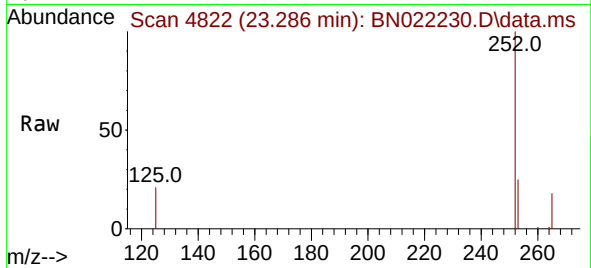




#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 23.286 min Scan# 4822
Delta R.T. -0.003 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

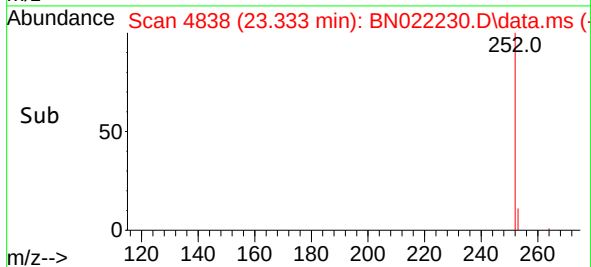
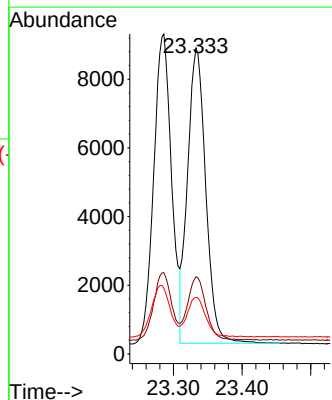
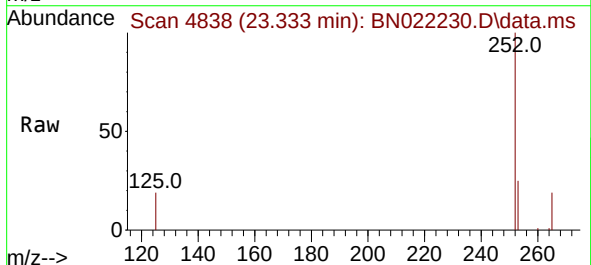
Instrument :
BNA_N
ClientSampleId :
SSTD0.4318

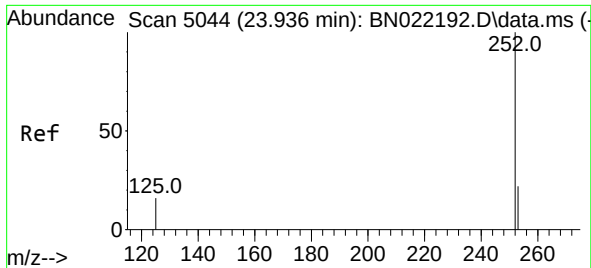
Tgt Ion:252 Resp: 16351
Ion Ratio Lower Upper
252 100
253 25.4 0.0 49.0
125 20.5 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 23.333 min Scan# 4838
Delta R.T. -0.006 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

Tgt Ion:252 Resp: 15797
Ion Ratio Lower Upper
252 100
253 25.3 19.7 29.5
125 18.5 14.0 21.0

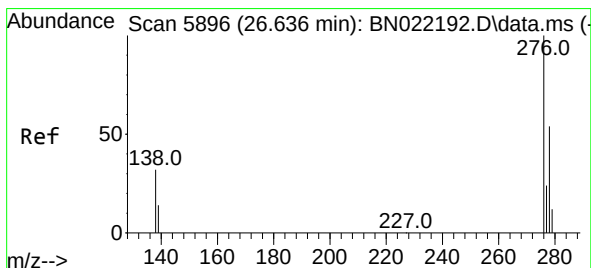
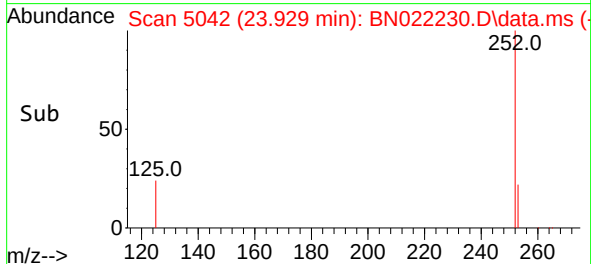
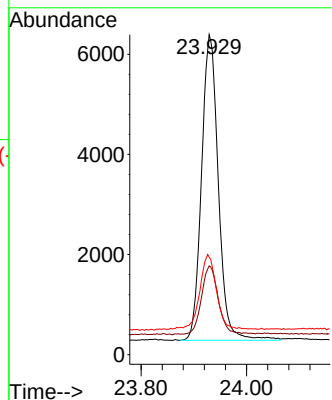
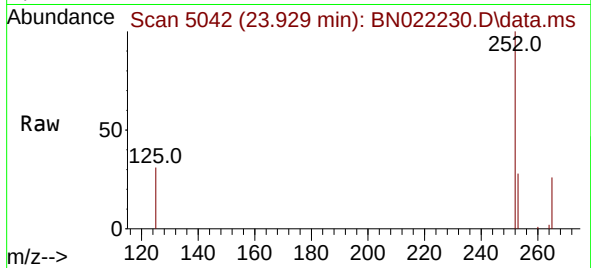




#26
Benzo(a)pyrene
Concen: 0.398 ng/ul
RT: 23.929 min Scan# 5042
Delta R.T. -0.006 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

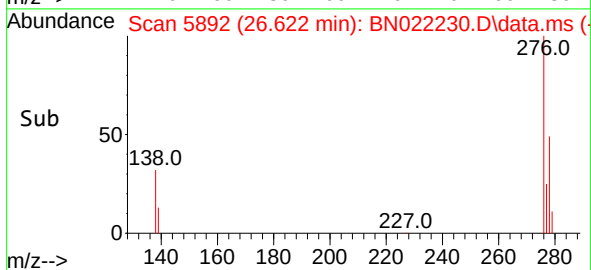
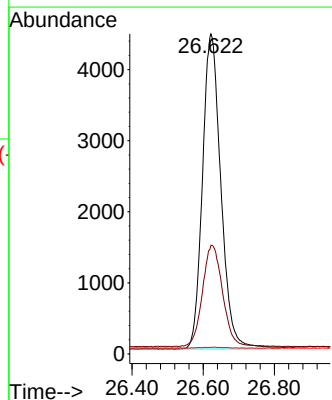
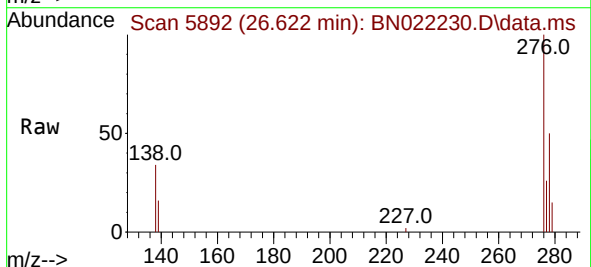
Instrument :
BNA_N
ClientSampleId :
SSTD0.4318

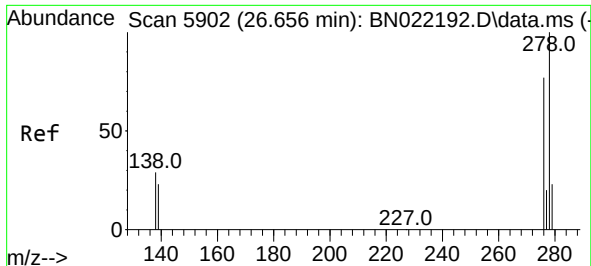
Tgt Ion:252 Resp: 13451
Ion Ratio Lower Upper
252 100
253 27.7 21.0 31.6
125 30.5 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 26.622 min Scan# 5892
Delta R.T. -0.014 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

Tgt Ion:276 Resp: 15970
Ion Ratio Lower Upper
276 100
138 35.2 27.7 41.5
227 0.0 0.2 0.2#

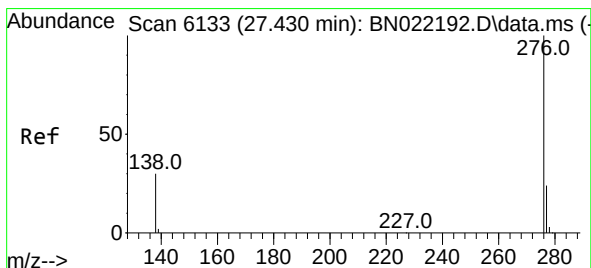
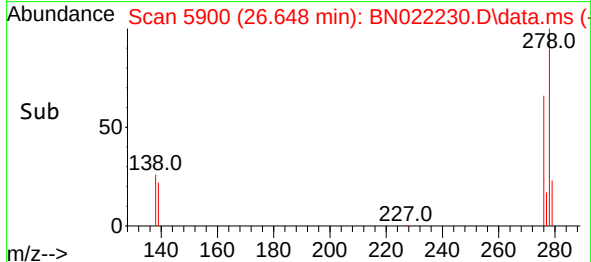
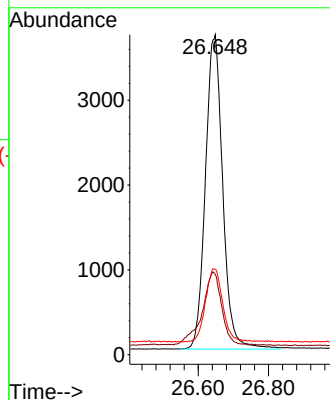
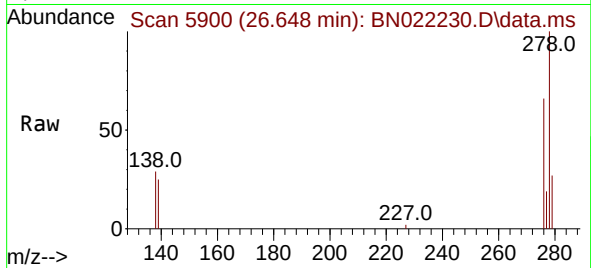




#28
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 26.648 min Scan# 5902
Delta R.T. -0.007 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.4318

Tgt Ion:278 Resp: 12665
Ion Ratio Lower Upper
278 100
139 25.1 19.6 29.4
279 26.7 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 27.416 min Scan# 6129
Delta R.T. -0.014 min
Lab File: BN022230.D
Acq: 20 Oct 2022 12:20

Tgt Ion:276 Resp: 12973
Ion Ratio Lower Upper
276 100
138 32.5 25.2 37.8
277 25.1 19.9 29.9

