

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022193.D
 Acq On : 19 Oct 2022 12:36
 Operator : CG/JU
 Sample : SST0.849
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8205

Quant Time: Oct 19 23:21:32 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 23:19:45 2022
 Response via : Initial Calibration

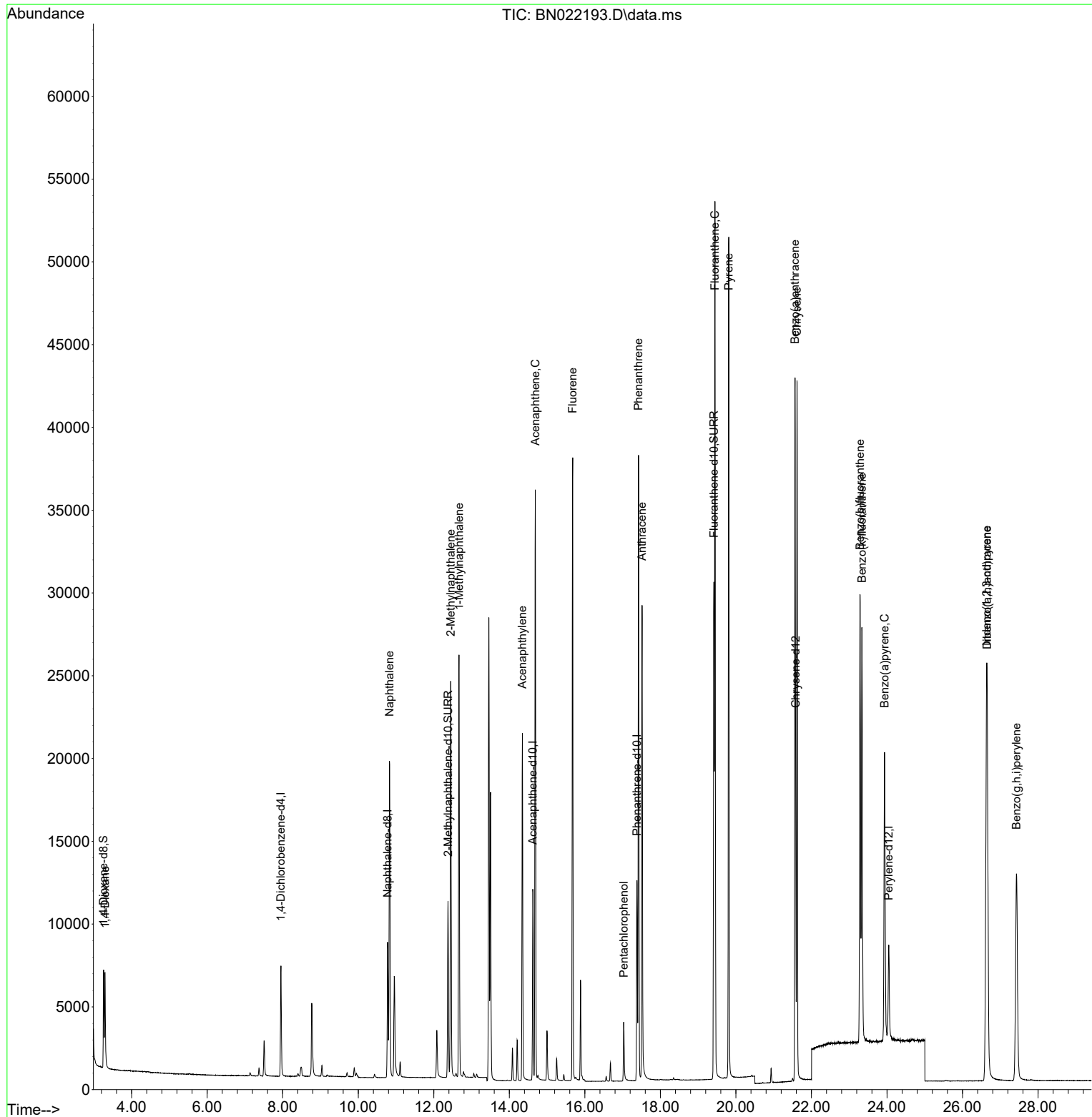
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	3645	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	11068	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	6410	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.378	188	13964	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	11428	0.400	ng/ul	0.00
23) Perylene-d12	24.046	264	8432	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	3881	0.865	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.378	152	14110	0.805	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	31415	0.739	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.295	88	4011	0.872	ng/ul	94
5) Naphthalene	10.827	128	27294	0.875	ng/ul	99
7) 2-Methylnaphthalene	12.450	142	17396	0.858	ng/ul	100
8) 1-Methylnaphthalene	12.670	142	17705	0.851	ng/ul	100
10) Acenaphthylene	14.346	152	24124	0.896	ng/ul	100
11) Acenaphthene	14.688	153	20291	0.890	ng/ul	99
12) Fluorene	15.678	166	23737	0.928	ng/ul	99
14) Pentachlorophenol	17.032	266	2630	0.972	ng/ul	99
15) Phenanthrene	17.421	178	39204	0.890	ng/ul	99
16) Anthracene	17.514	178	33408	0.914	ng/ul	99
19) Fluoranthene	19.444	202	43106	0.808	ng/ul	99
20) Pyrene	19.812	202	42730	0.812	ng/ul	98
21) Benzo(a)anthracene	21.564	228	35358	0.924	ng/ul	99
22) Chrysene	21.617	228	37119	0.889	ng/ul	99
24) Benzo(b)fluoranthene	23.286	252	35402	0.865	ng/ul	97
25) Benzo(k)fluoranthene	23.336	252	34622	0.873	ng/ul	97
26) Benzo(a)pyrene	23.935	252	27676	0.893	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.635	276	35082	1.006	ng/ul	100
28) Dibenzo(a,h)anthracene	26.655	278	28198	0.953	ng/ul	97
29) Benzo(g,h,i)perylene	27.430	276	28483	0.887	ng/ul	98

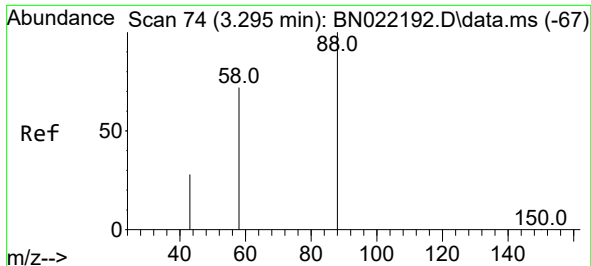
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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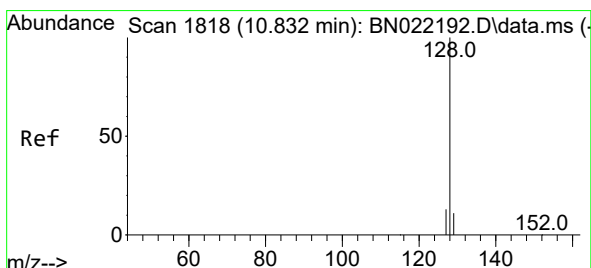
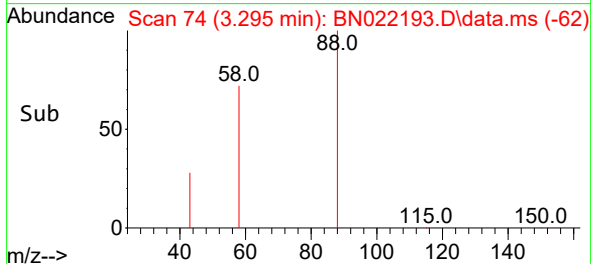
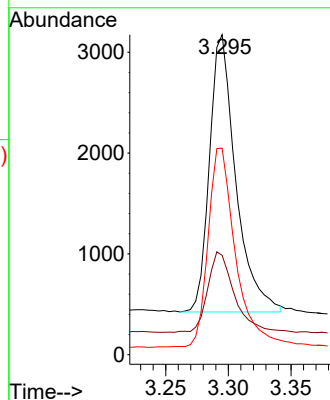
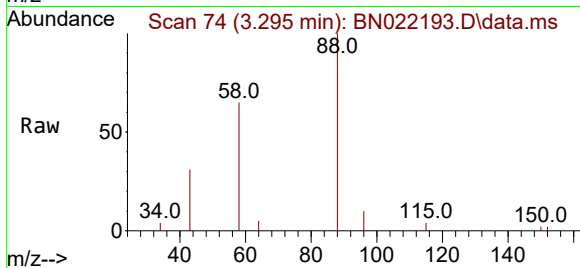




#2
1,4-Dioxane
Concen: 0.872 ng/ul
RT: 3.295 min Scan# 74
Delta R.T. -0.000 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

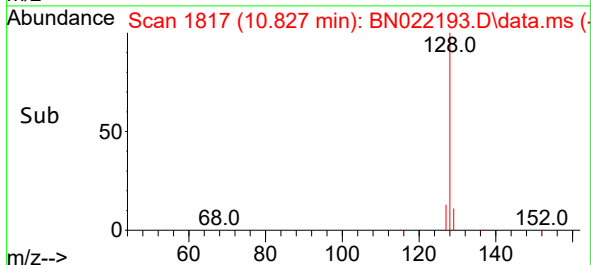
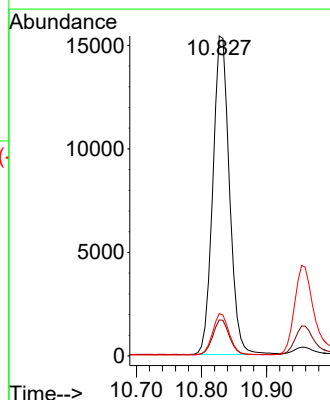
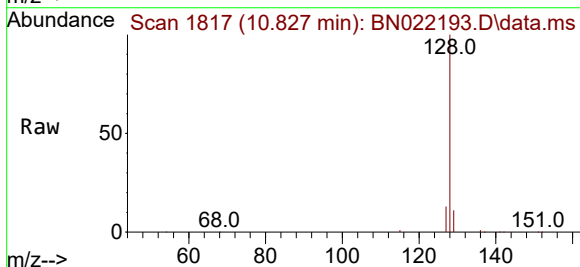
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

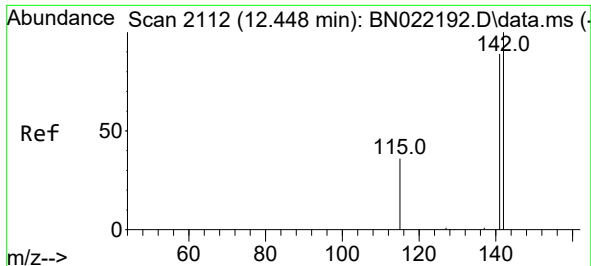
Tgt Ion: 88 Resp: 4011
Ion Ratio Lower Upper
88 100
43 31.1 27.4 41.2
58 64.5 48.2 72.2



#5
Naphthalene
Concen: 0.875 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

Tgt Ion: 128 Resp: 27294
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.2 10.7 16.1

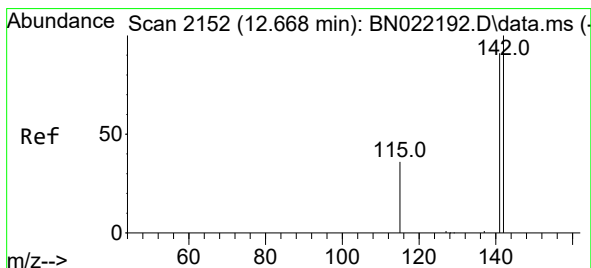
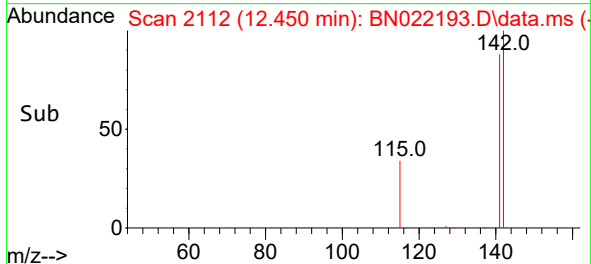
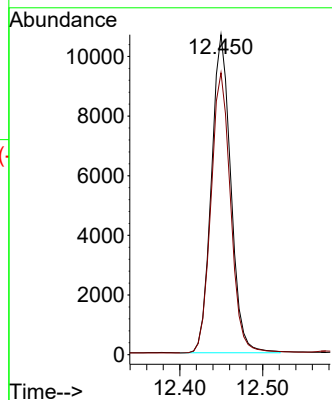
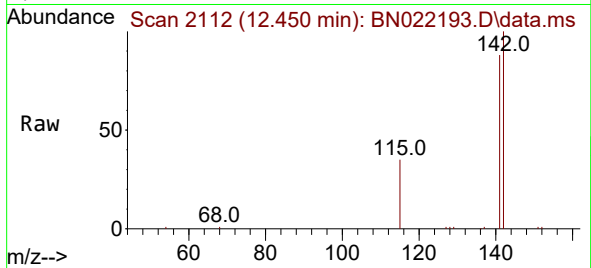




#7
2-Methylnaphthalene
Concen: 0.858 ng/ul
RT: 12.450 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

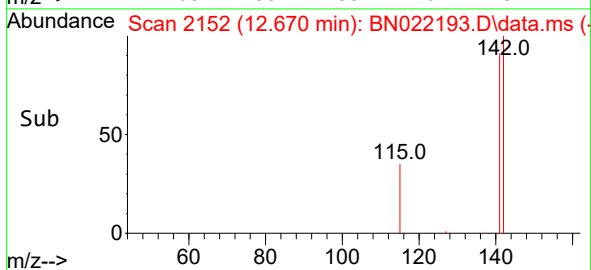
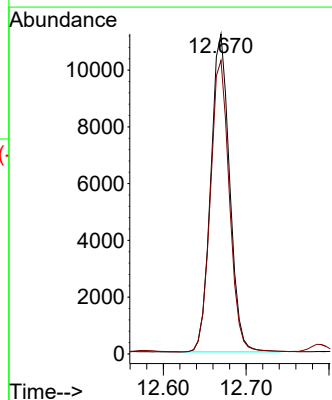
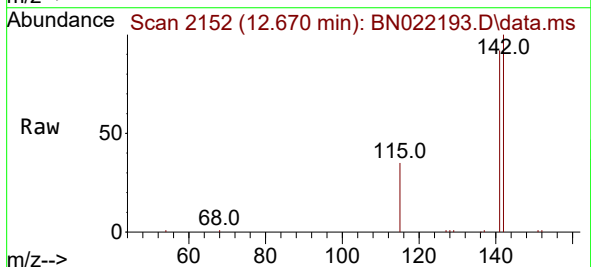
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

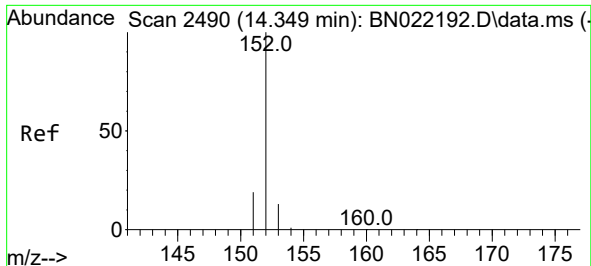
Tgt Ion:142 Resp: 17396
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.851 ng/ul
RT: 12.670 min Scan# 2152
Delta R.T. 0.001 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

Tgt Ion:142 Resp: 17705
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

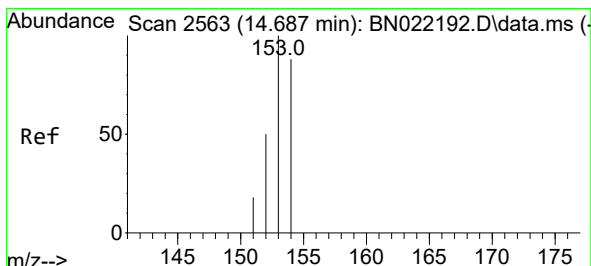
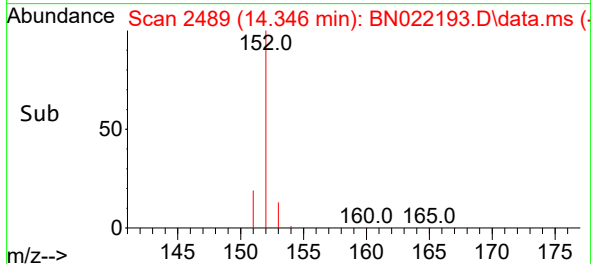
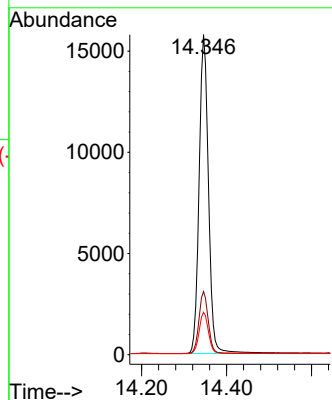
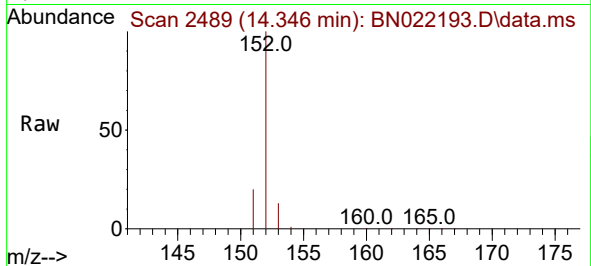




#10
Acenaphthylene
Concen: 0.896 ng/ul
RT: 14.346 min Scan# 2490
Delta R.T. -0.003 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

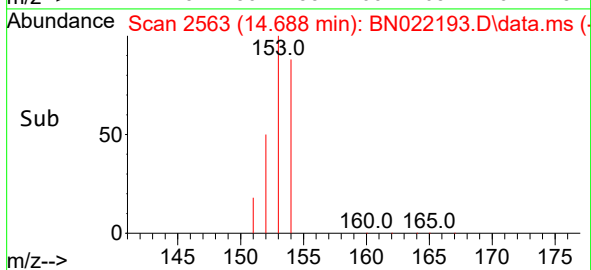
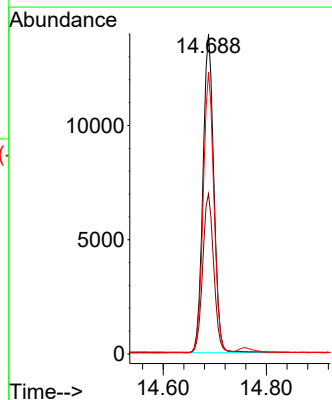
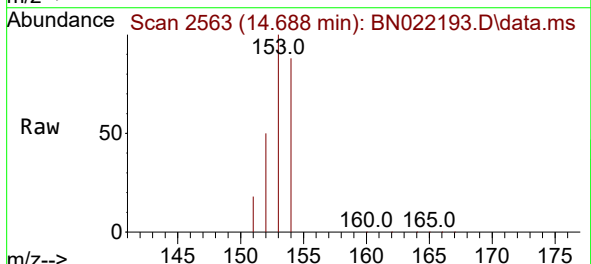
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BNA_N
ClientSampleId :
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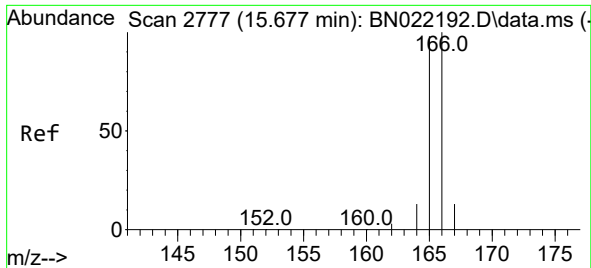
Tgt Ion:152 Resp: 24124
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 10.8 16.2



#11
Acenaphthene
Concen: 0.890 ng/ul
RT: 14.688 min Scan# 2563
Delta R.T. 0.001 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

Tgt Ion:153 Resp: 20291
Ion Ratio Lower Upper
153 100
152 50.1 40.6 61.0
154 88.1 70.6 106.0

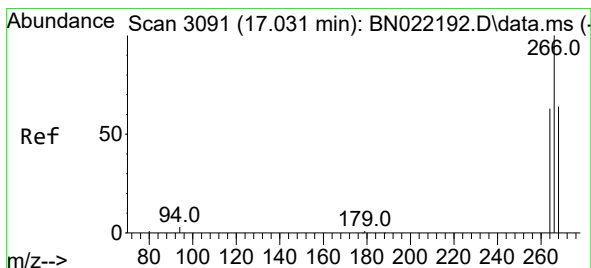
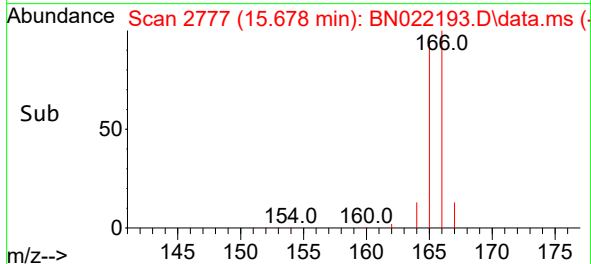
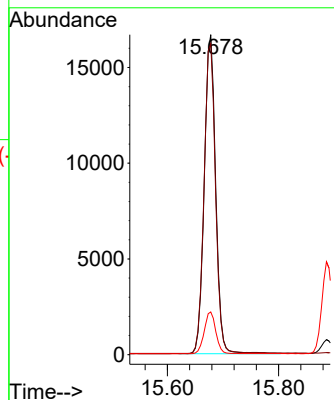
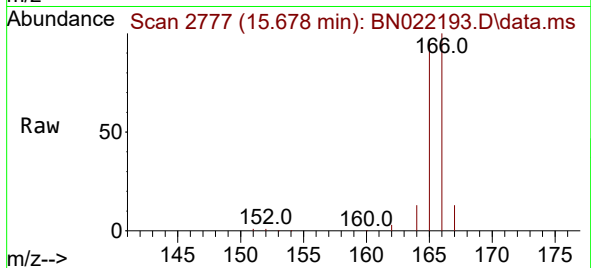




#12
Fluorene
Concen: 0.928 ng/ul
RT: 15.678 min Scan# 2777
Delta R.T. 0.001 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

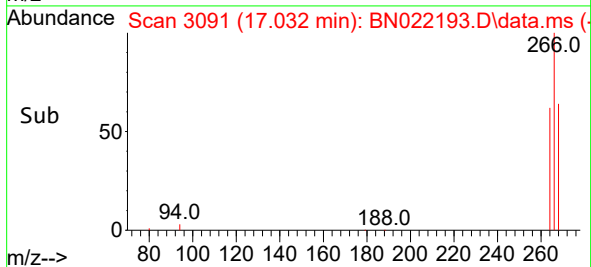
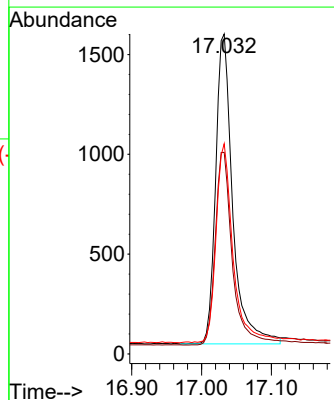
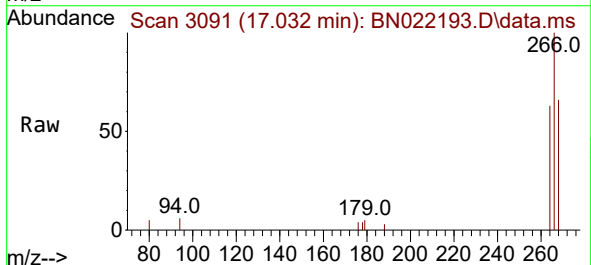
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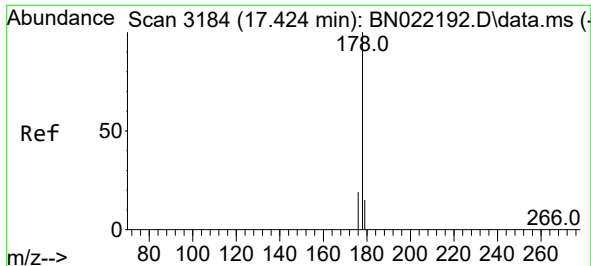
Tgt Ion:166 Resp: 23737
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 13.3 11.0 16.4



#14
Pentachlorophenol
Concen: 0.972 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. 0.001 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

Tgt Ion:266 Resp: 2630
Ion Ratio Lower Upper
266 100
264 62.8 49.8 74.6
268 63.8 51.4 77.2

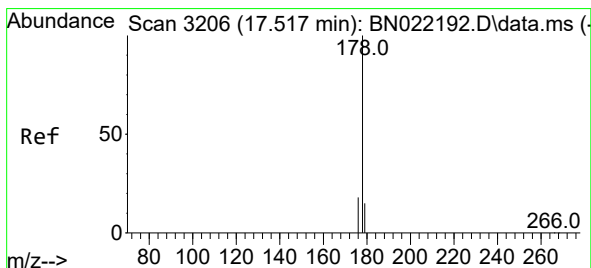
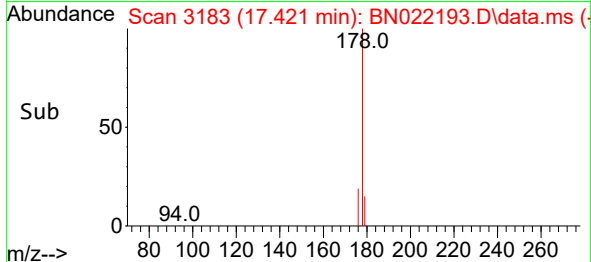
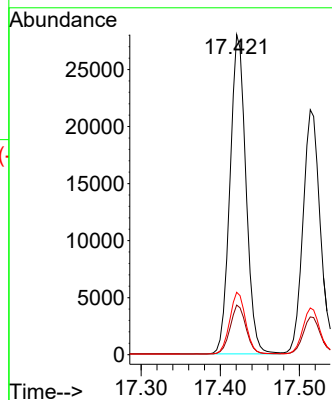
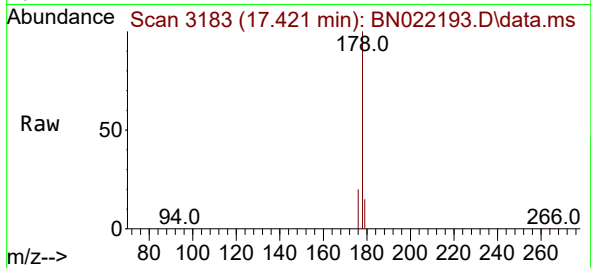




#15
Phenanthrene
Concen: 0.890 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

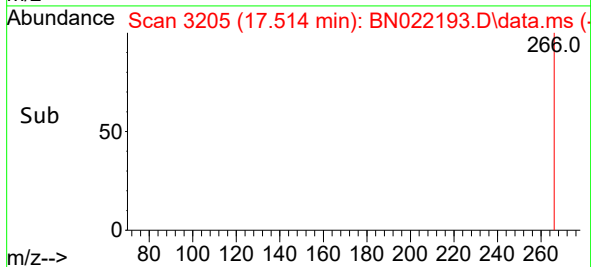
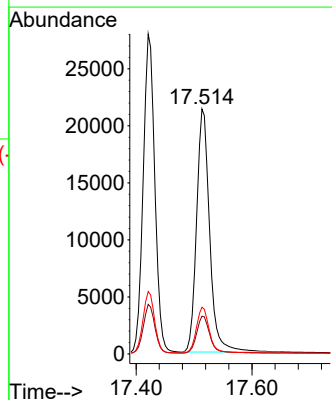
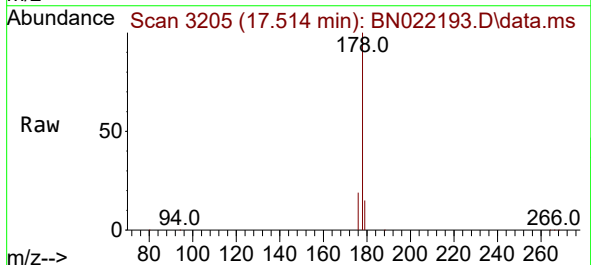
Instrument :
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ClientSampleId :
SSTD0.8205

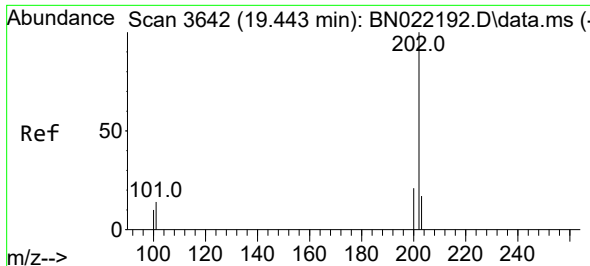
Tgt Ion:178 Resp: 39204
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.914 ng/ul
RT: 17.514 min Scan# 3205
Delta R.T. -0.003 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

Tgt Ion:178 Resp: 33408
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.0 15.0 22.6

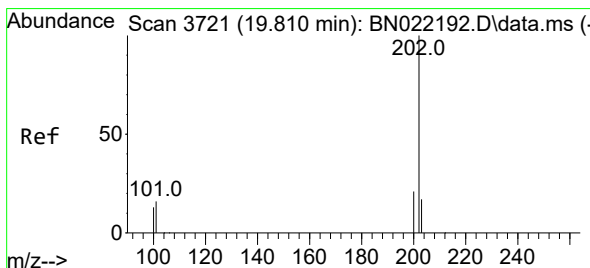
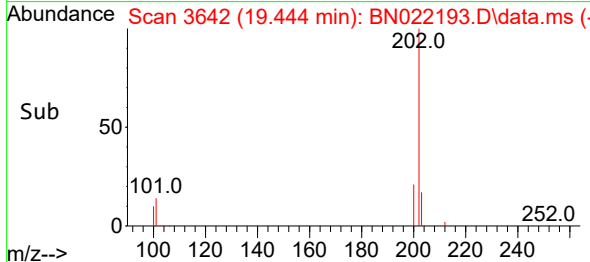
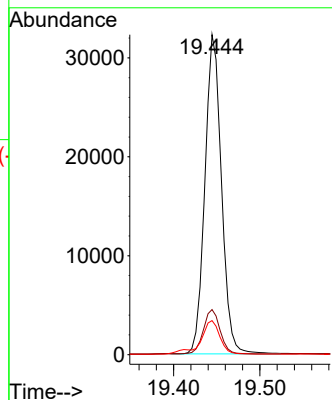
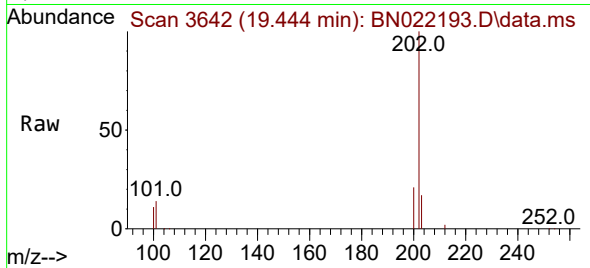




#19
Fluoranthene
Concen: 0.808 ng/ul
RT: 19.444 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

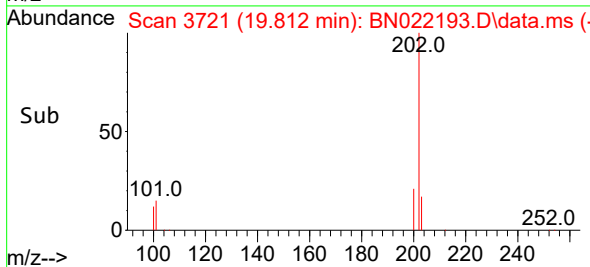
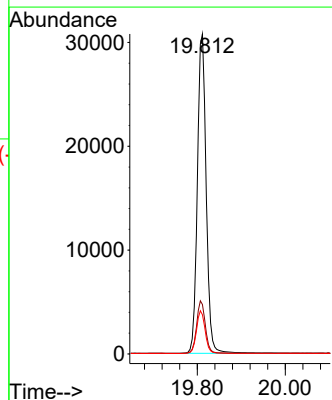
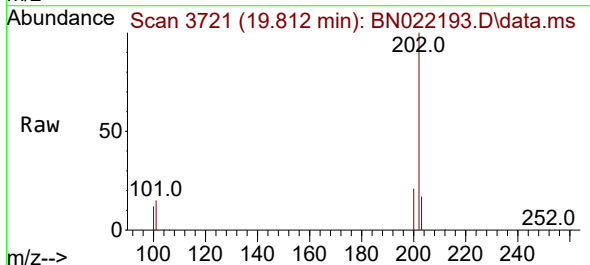
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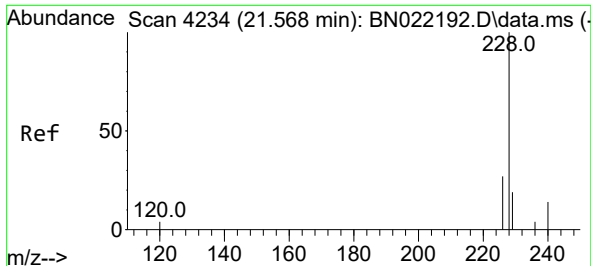
Tgt Ion:202 Resp: 43106
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 10.6 8.7 13.1



#20
Pyrene
Concen: 0.812 ng/ul
RT: 19.812 min Scan# 3721
Delta R.T. 0.001 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

Tgt Ion:202 Resp: 42730
Ion Ratio Lower Upper
202 100
101 15.4 13.1 19.7
100 12.2 10.6 16.0

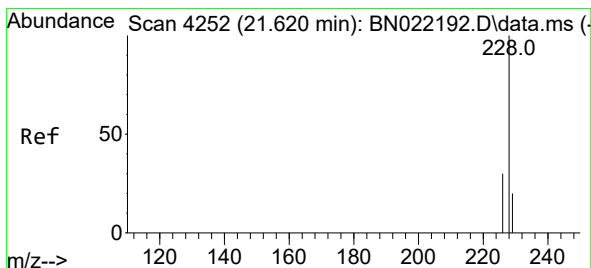
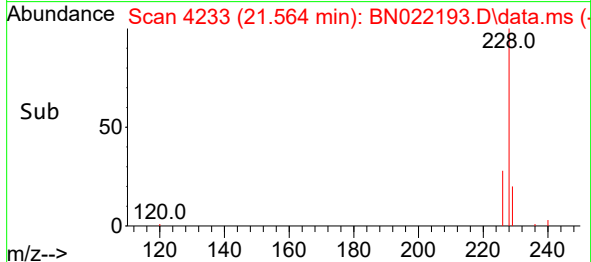
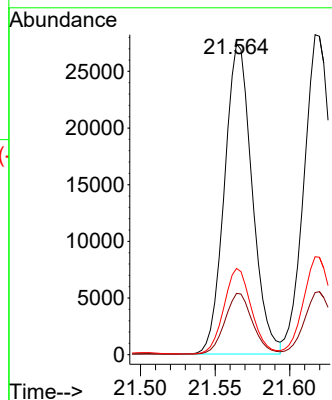
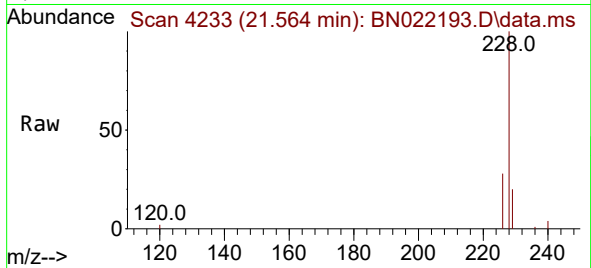




#21
Benzo(a)anthracene
Concen: 0.924 ng/ul
RT: 21.564 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

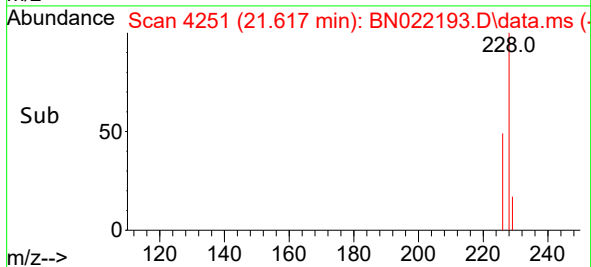
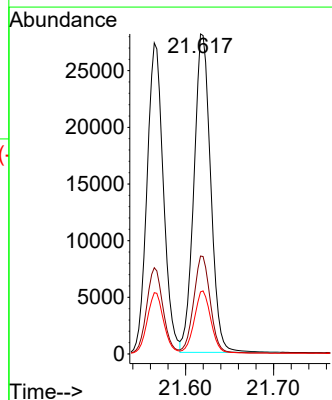
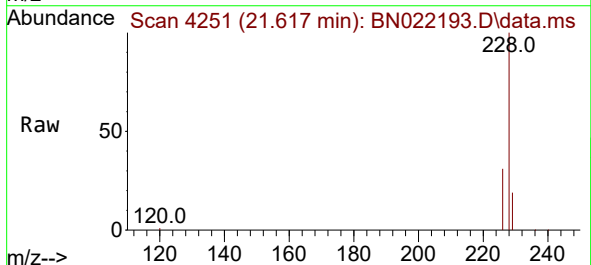
Instrument :
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SSTD0.8205

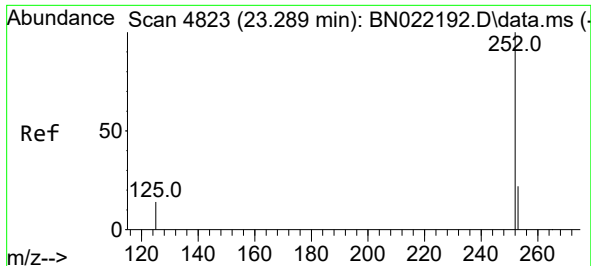
Tgt Ion:228 Resp: 35358
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.7 21.5 32.3



#22
Chrysene
Concen: 0.889 ng/ul
RT: 21.617 min Scan# 4251
Delta R.T. -0.003 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

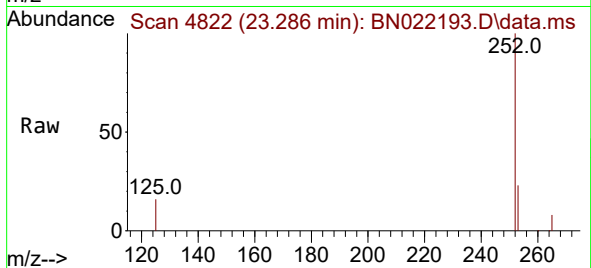
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Ion Ratio Lower Upper
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226 30.6 23.9 35.9
229 19.4 15.9 23.9



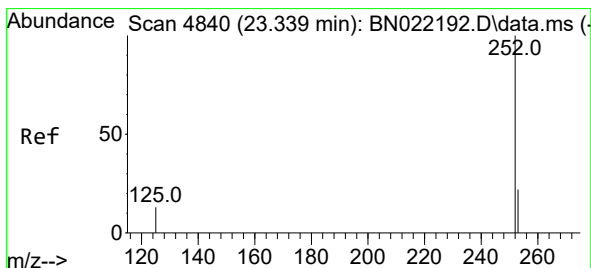
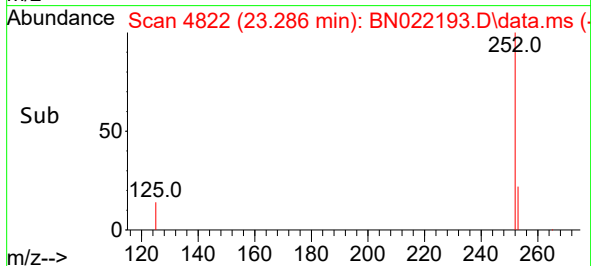
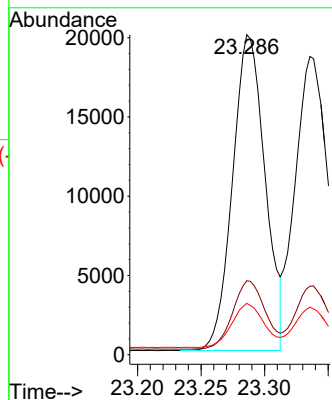


#24
Benzo(b)fluoranthene
Concen: 0.865 ng/ul
RT: 23.286 min Scan# 4822
Delta R.T. -0.003 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

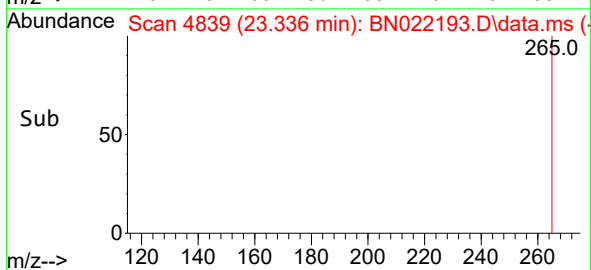
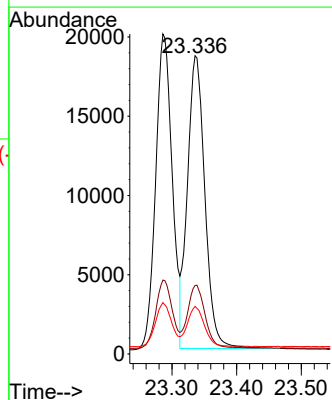
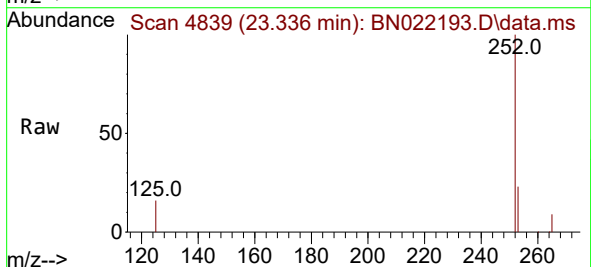


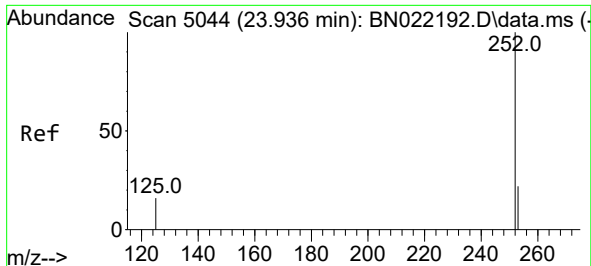
Tgt Ion:252 Resp: 35402
Ion Ratio Lower Upper
252 100
253 23.1 0.0 49.0
125 16.0 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.873 ng/ul
RT: 23.336 min Scan# 4839
Delta R.T. -0.003 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

Tgt Ion:252 Resp: 34622
Ion Ratio Lower Upper
252 100
253 23.0 19.7 29.5
125 15.9 14.0 21.0

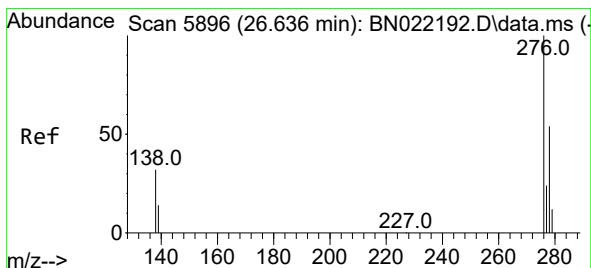
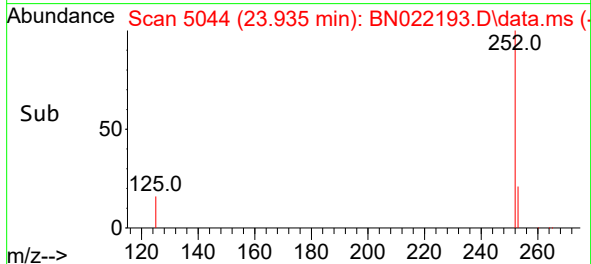
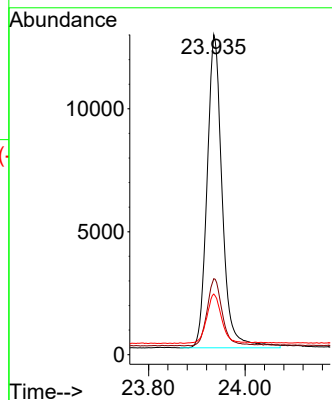
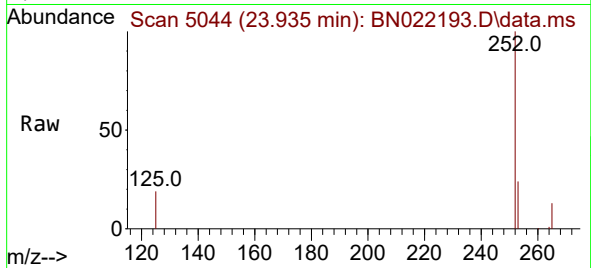




#26
Benzo(a)pyrene
Concen: 0.893 ng/ul
RT: 23.935 min Scan# 5044
Delta R.T. -0.001 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

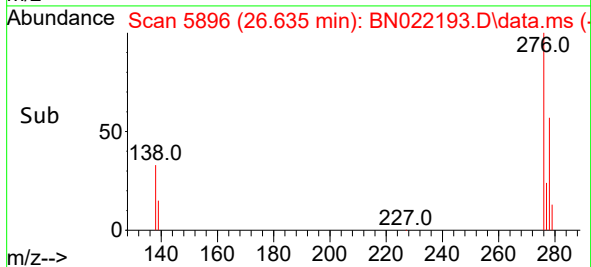
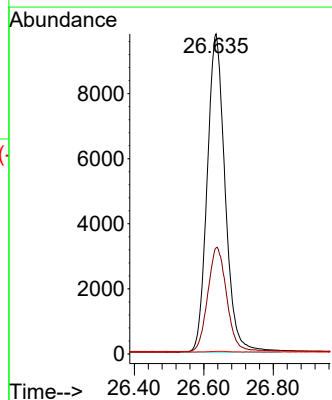
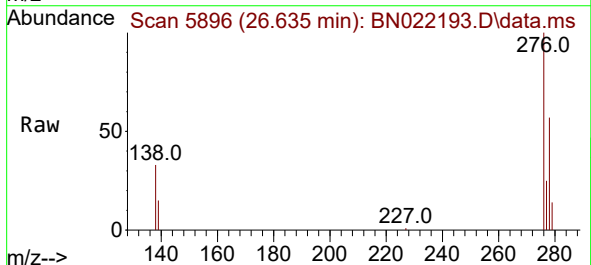
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

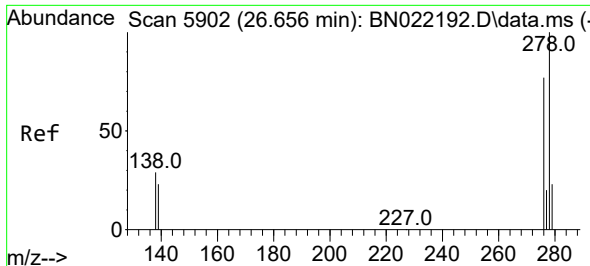
Tgt Ion:252 Resp: 27676
Ion Ratio Lower Upper
252 100
253 23.8 21.0 31.6
125 19.0 17.9 26.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.006 ng/ul
RT: 26.635 min Scan# 5896
Delta R.T. -0.001 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

Tgt Ion:276 Resp: 35082
Ion Ratio Lower Upper
276 100
138 34.6 27.7 41.5
227 0.2 0.2 0.2

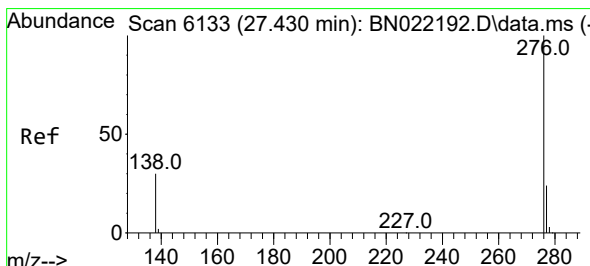
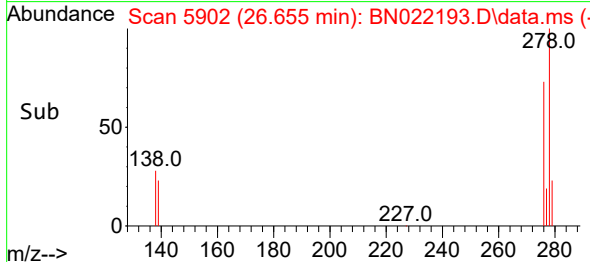
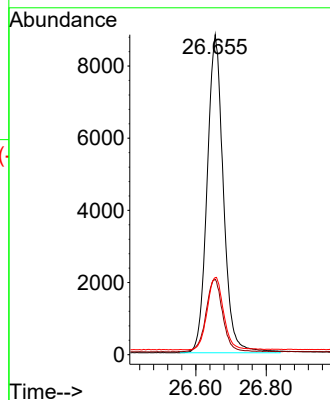
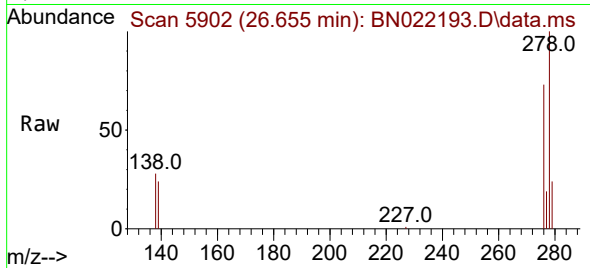




#28
Dibenzo(a,h)anthracene
Concen: 0.953 ng/ul
RT: 26.655 min Scan# 5902
Delta R.T. -0.001 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Tgt Ion:278 Resp: 28198
Ion Ratio Lower Upper
278 100
139 23.6 19.6 29.4
279 24.1 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.887 ng/ul
RT: 27.430 min Scan# 6133
Delta R.T. -0.001 min
Lab File: BN022193.D
Acq: 19 Oct 2022 12:36

Tgt Ion:276 Resp: 28483
Ion Ratio Lower Upper
276 100
138 30.2 25.2 37.8
277 24.1 19.9 29.9

