

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022244.D
 Acq On : 20 Oct 2022 21:36
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4319

Quant Time: Oct 21 01:53:10 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

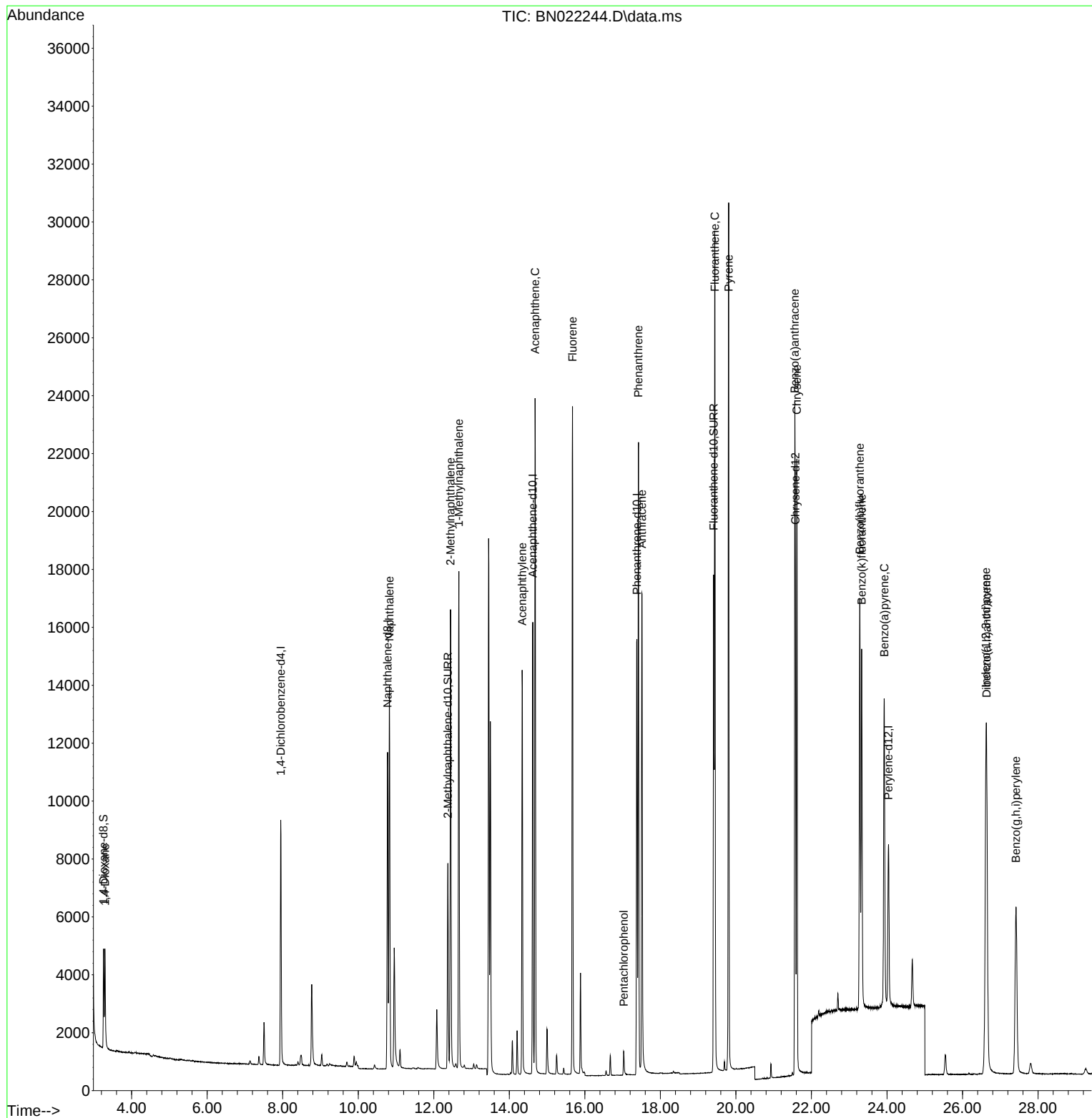
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	4684	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	15281	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	8617	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	17252	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	11788	0.400	ng/ul	0.00
23) Perylene-d12	24.040	264	8500	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	2315	0.380	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	9591	0.415	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	17876	0.452	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.295	88	2369	0.379	ng/ul	99
5) Naphthalene	10.827	128	18525	0.410	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	11843	0.416	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	12131	0.415	ng/ul	100
10) Acenaphthylene	14.341	152	16245	0.420	ng/ul	100
11) Acenaphthene	14.683	153	13384	0.410	ng/ul	100
12) Fluorene	15.673	166	14901	0.393	ng/ul	99
14) Pentachlorophenol	17.028	266	647	0.158	ng/ul	99
15) Phenanthrene	17.421	178	23789	0.411	ng/ul	99
16) Anthracene	17.509	178	20157	0.413	ng/ul	99
19) Fluoranthene	19.440	202	24479	0.453	ng/ul	99
20) Pyrene	19.807	202	24613	0.454	ng/ul	99
21) Benzo(a)anthracene	21.559	228	18473	0.418	ng/ul	99
22) Chrysene	21.614	228	19263	0.411	ng/ul	99
24) Benzo(b)fluoranthene	23.280	252	18067	0.423	ng/ul	94
25) Benzo(k)fluoranthene	23.330	252	16840	0.406	ng/ul	99
26) Benzo(a)pyrene	23.929	252	14695	0.432	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.622	276	17203	0.407	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.638	278	13470	0.399	ng/ul	98
29) Benzo(g,h,i)perylene	27.417	276	13421	0.389	ng/ul	99

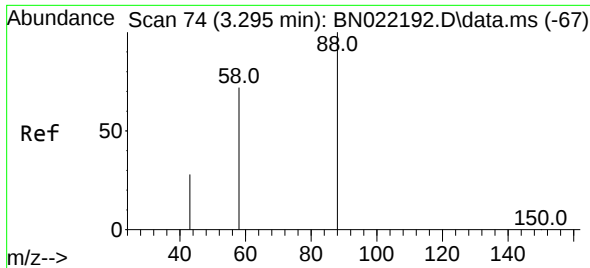
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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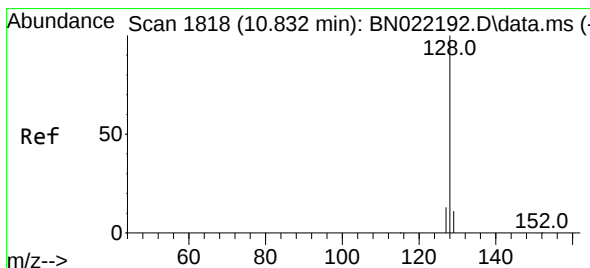
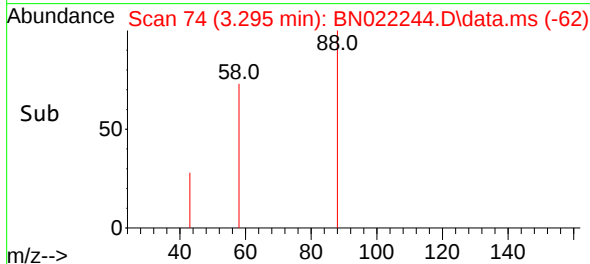
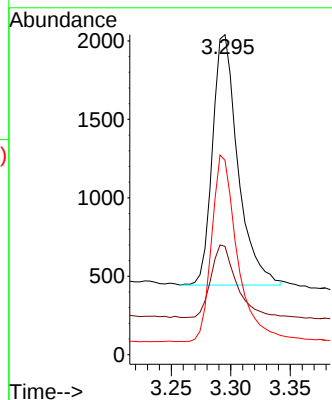
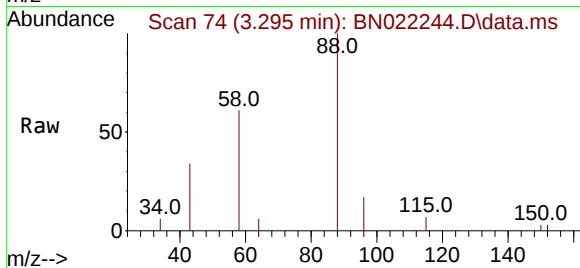




#2
1,4-Dioxane
Concen: 0.379 ng/ul
RT: 3.295 min Scan# 74
Delta R.T. 0.000 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

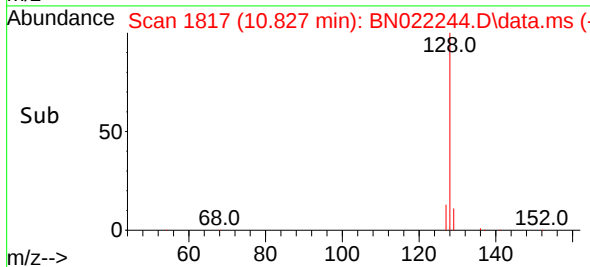
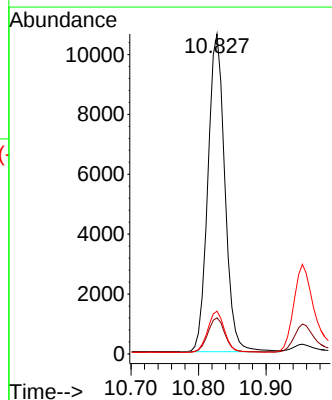
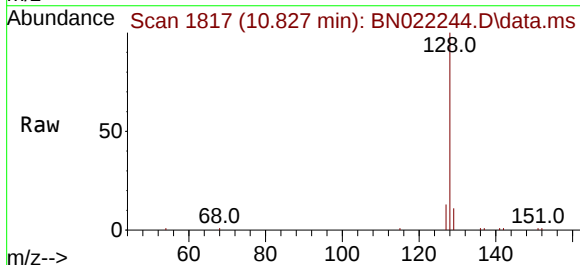
Instrument :
BNA_N
ClientSampleId :
SSTD0.4319

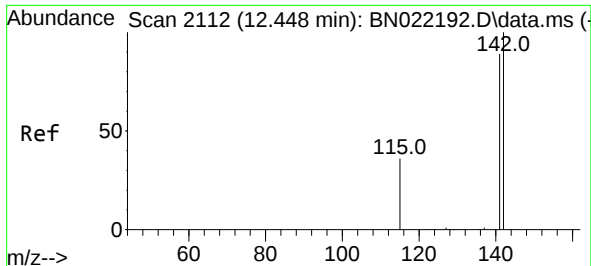
Tgt Ion: 88 Resp: 2369
Ion Ratio Lower Upper
88 100
43 33.9 27.4 41.2
58 60.7 48.2 72.2



#5
Naphthalene
Concen: 0.410 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

Tgt Ion: 128 Resp: 18525
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.3 10.7 16.1

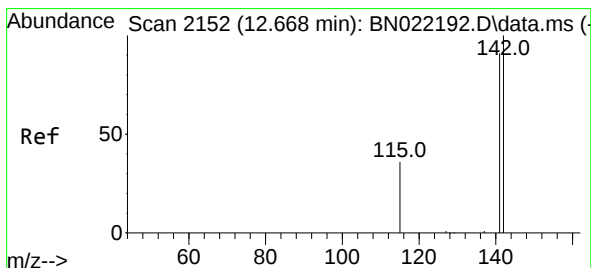
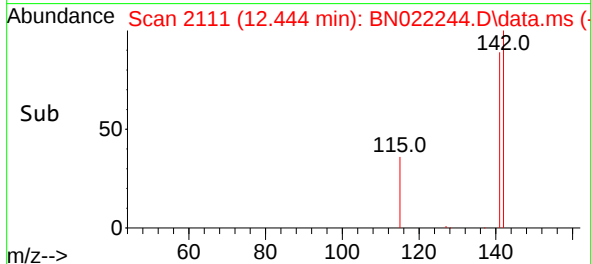
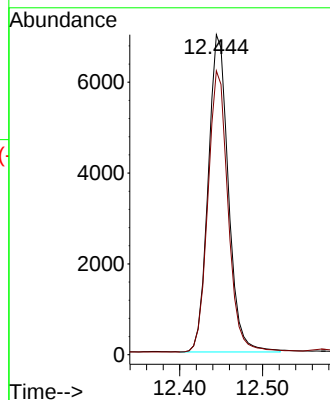
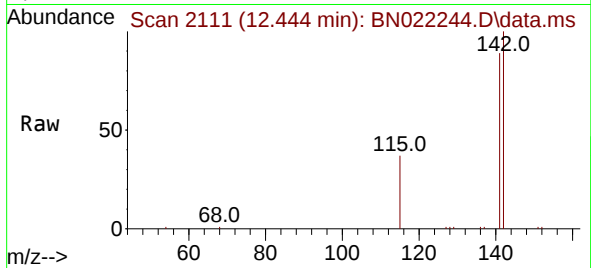




#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

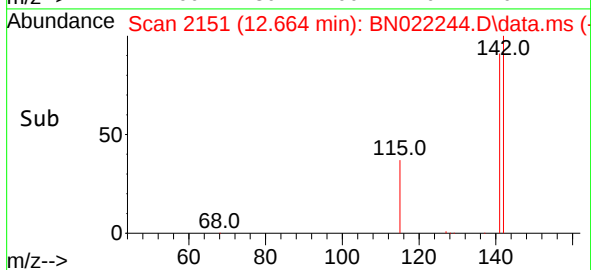
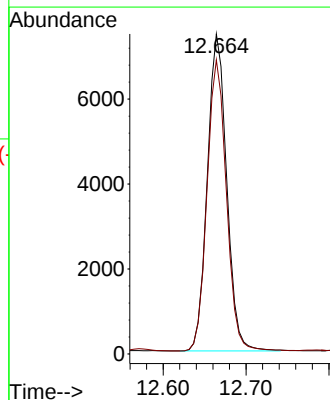
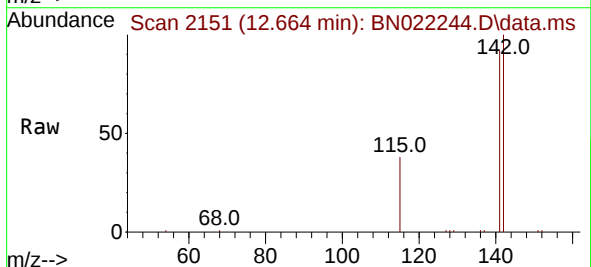
Instrument :
BNA_N
ClientSampleId :
SSTD0.4319

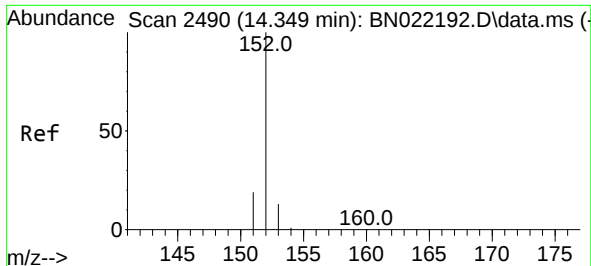
Tgt Ion:142 Resp: 11843
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

Tgt Ion:142 Resp: 12131
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

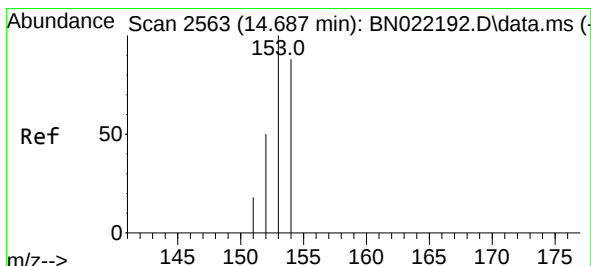
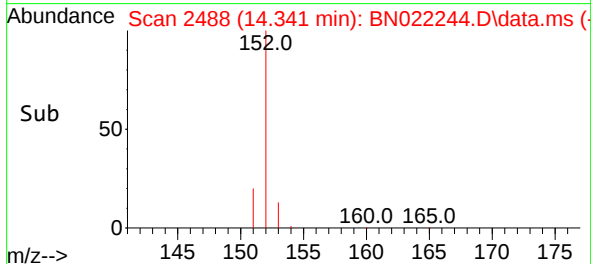
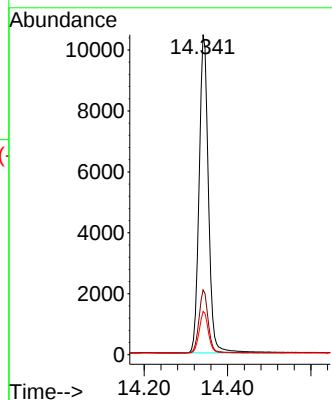
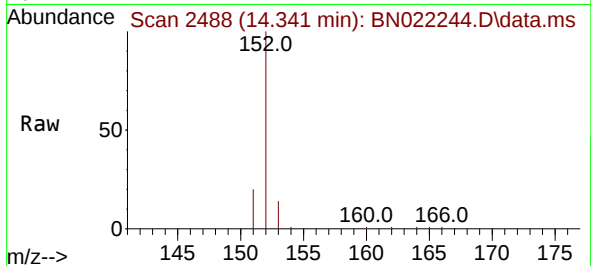




#10
Acenaphthylene
Concen: 0.420 ng/ul
RT: 14.341 min Scan# 2490
Delta R.T. -0.008 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

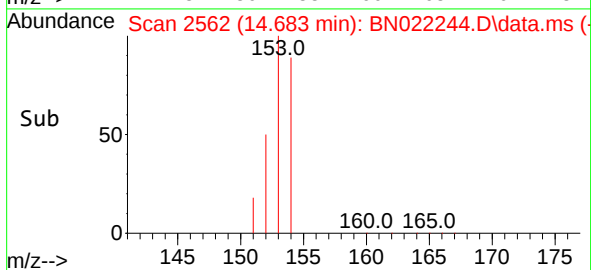
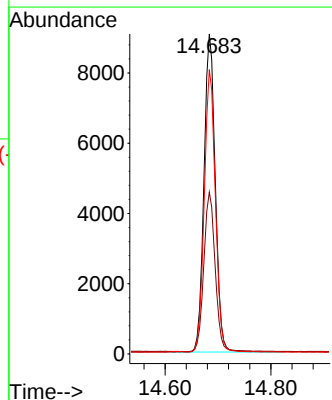
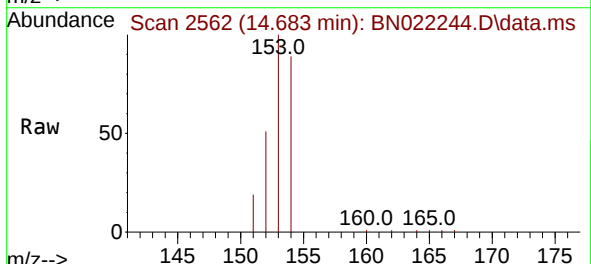
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BNA_N
ClientSampleId :
SSTD0.4319

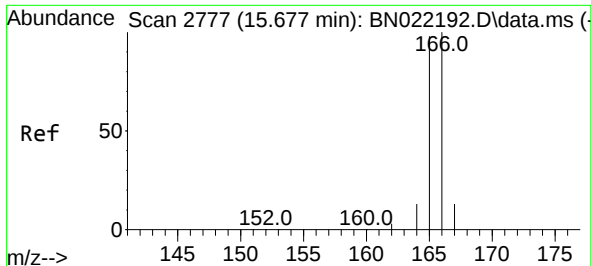
Tgt Ion:152 Resp: 16245
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.410 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

Tgt Ion:153 Resp: 13384
Ion Ratio Lower Upper
153 100
152 50.6 40.6 61.0
154 88.8 70.6 106.0

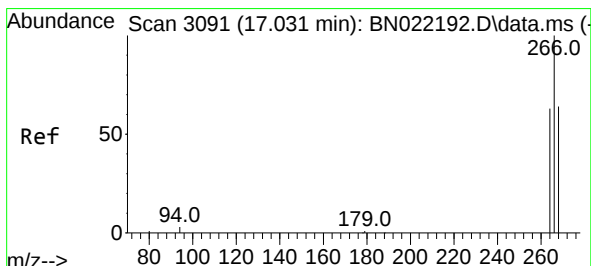
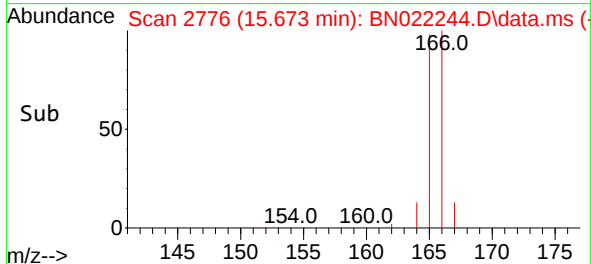
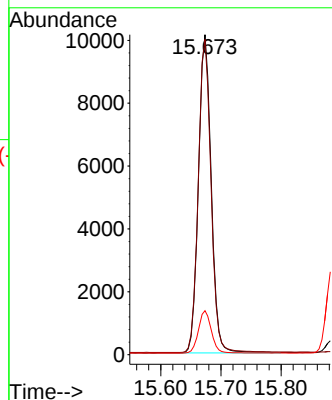
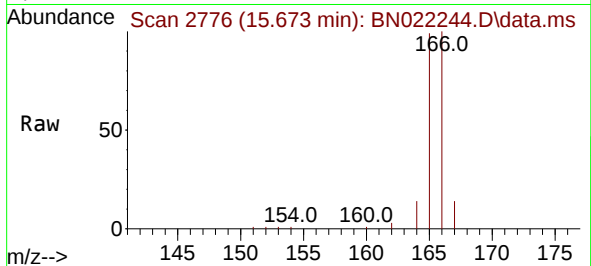




#12
Fluorene
Concen: 0.393 ng/ul
RT: 15.673 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

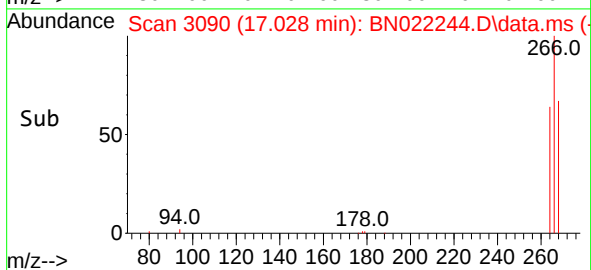
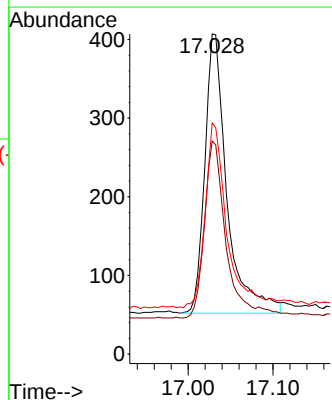
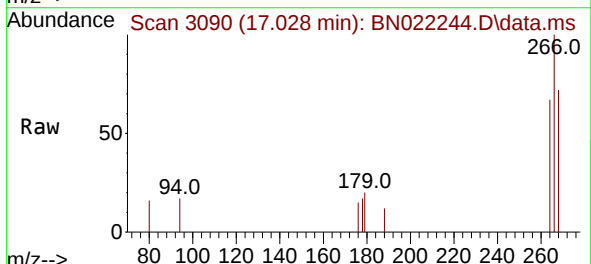
Instrument :
BNA_N
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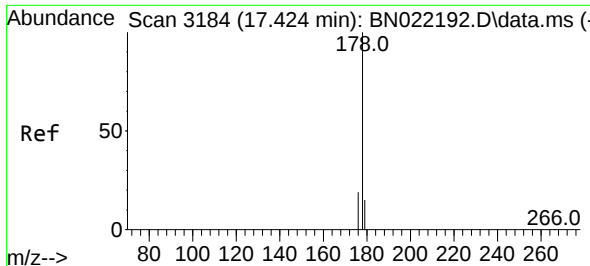
Tgt Ion:166 Resp: 14901
Ion Ratio Lower Upper
166 100
165 98.5 78.2 117.2
167 13.8 11.0 16.4



#14
Pentachlorophenol
Concen: 0.158 ng/ul
RT: 17.028 min Scan# 3090
Delta R.T. -0.003 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

Tgt Ion:266 Resp: 647
Ion Ratio Lower Upper
266 100
264 62.0 49.8 74.6
268 65.1 51.4 77.2

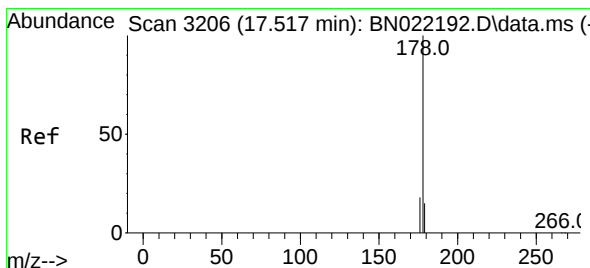
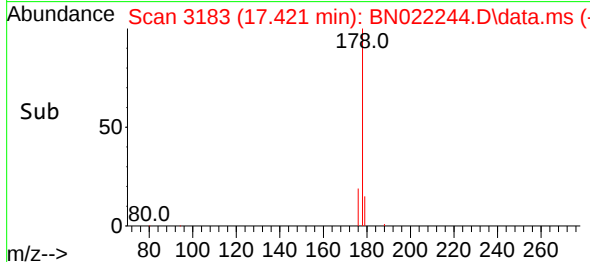
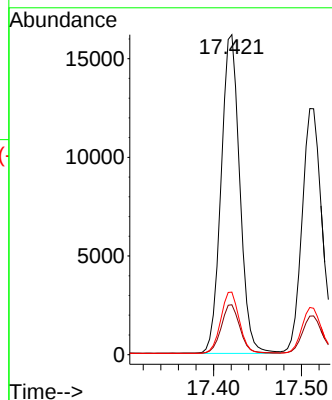
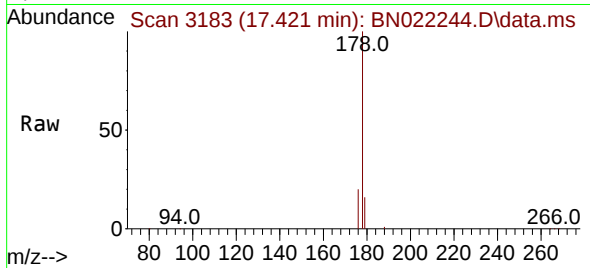




#15
Phenanthrene
Concen: 0.411 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

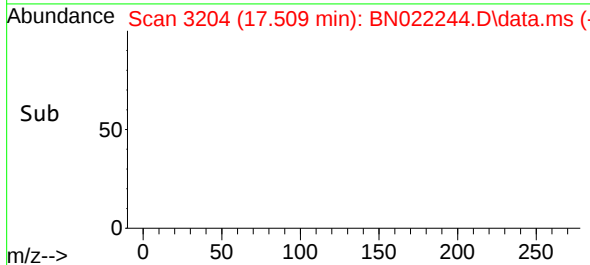
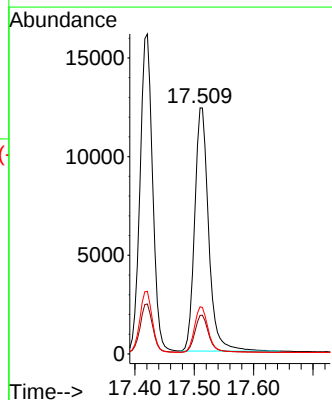
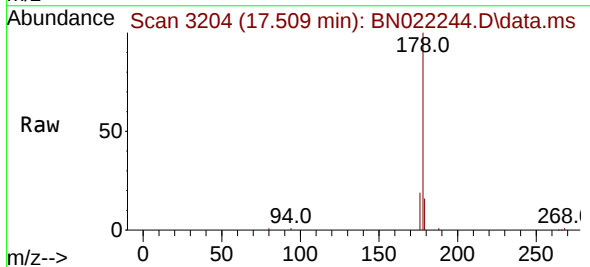
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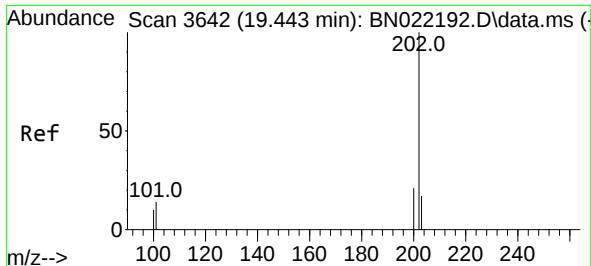
Tgt Ion:178 Resp: 23789
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.6 15.4 23.2



#16
Anthracene
Concen: 0.413 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

Tgt Ion:178 Resp: 20157
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.2 15.0 22.6

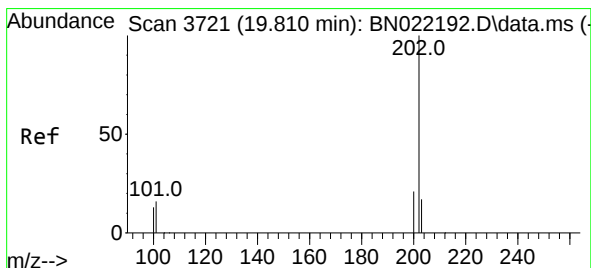
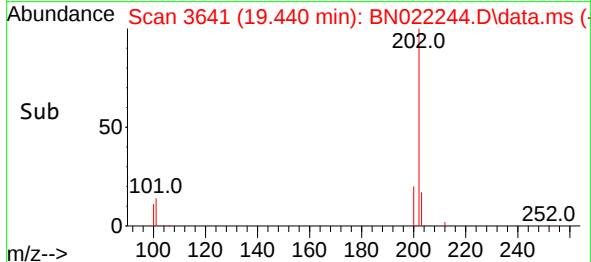
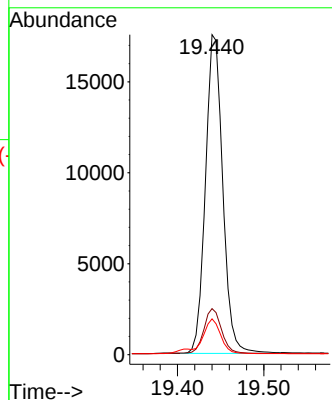
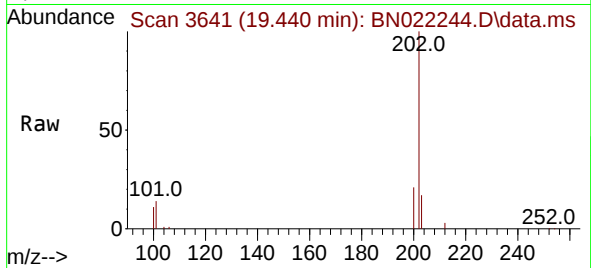




#19
Fluoranthene
Concen: 0.453 ng/ul
RT: 19.440 min Scan# 3642
Delta R.T. -0.003 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

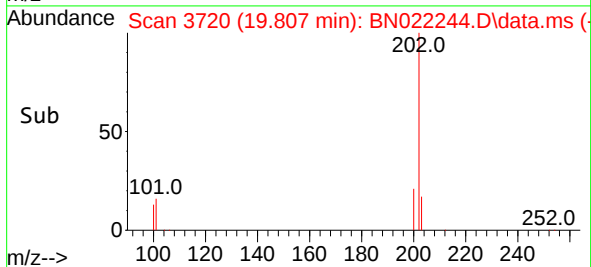
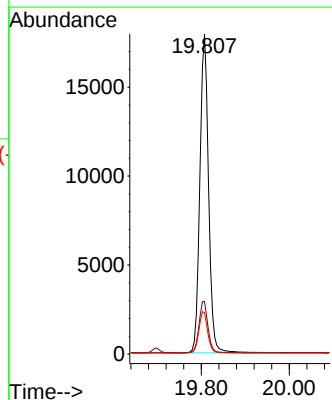
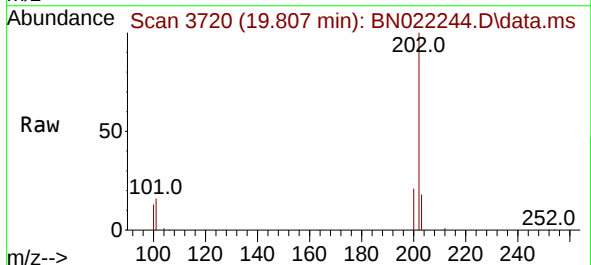
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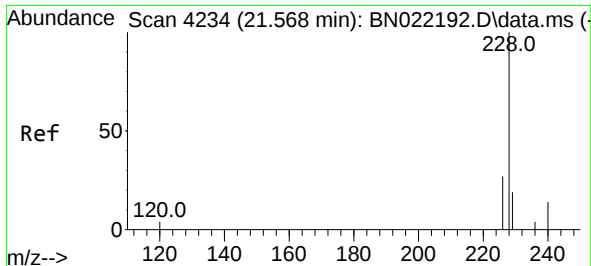
Tgt Ion:202 Resp: 24479
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 11.2 8.7 13.1



#20
Pyrene
Concen: 0.454 ng/ul
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

Tgt Ion:202 Resp: 24613
Ion Ratio Lower Upper
202 100
101 16.3 13.1 19.7
100 12.9 10.6 16.0

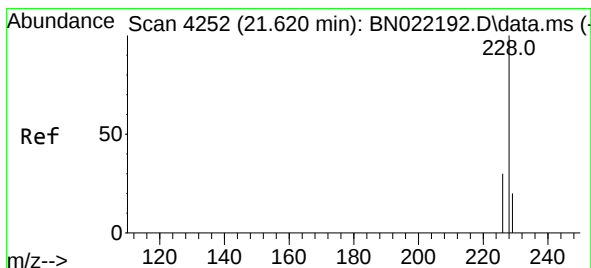
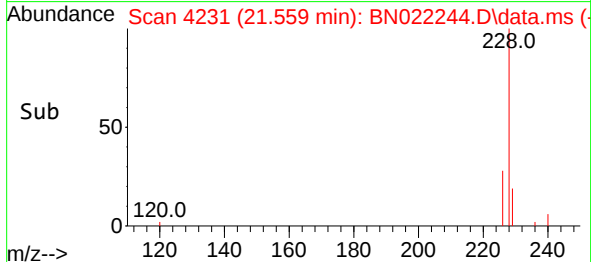
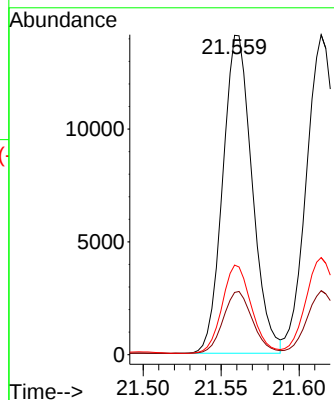
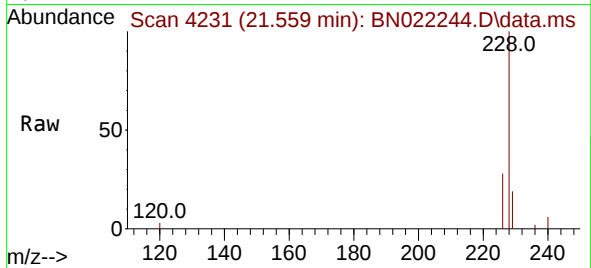




#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.559 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

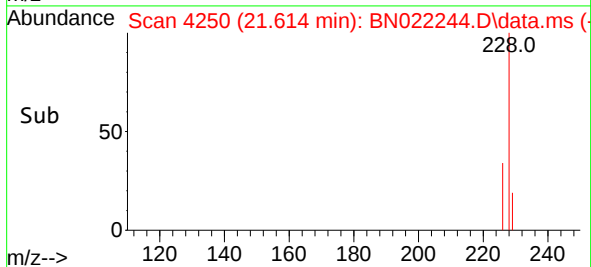
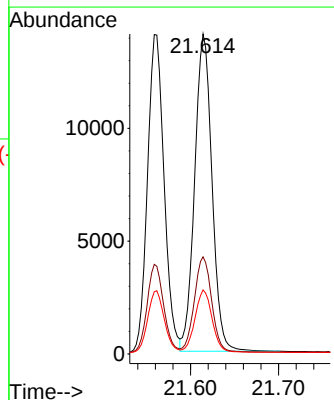
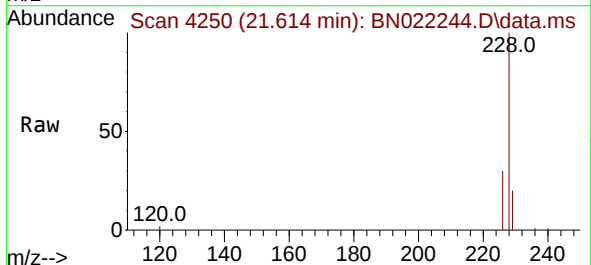
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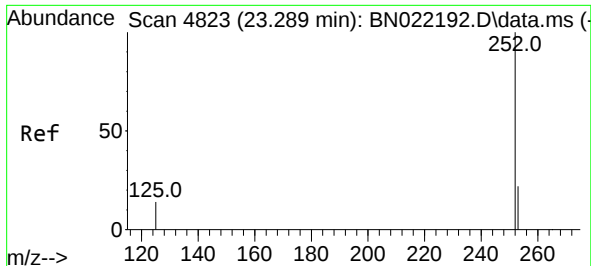
Tgt Ion:228 Resp: 18473
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 28.0 21.5 32.3



#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

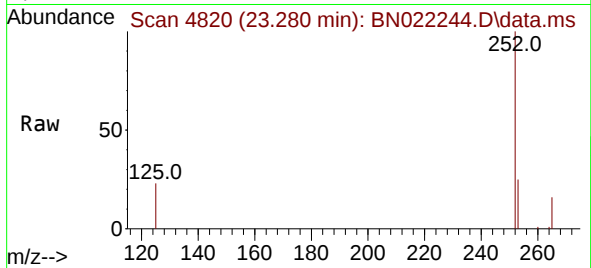
Tgt Ion:228 Resp: 19263
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 20.0 15.9 23.9



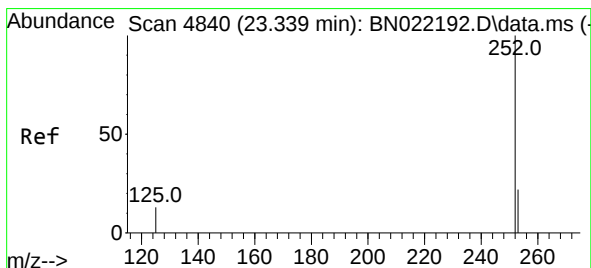
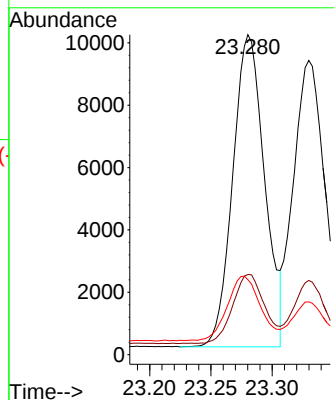


#24
Benzo(b)fluoranthene
Concen: 0.423 ng/ul
RT: 23.280 min Scan# 4823
Delta R.T. -0.009 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.4319

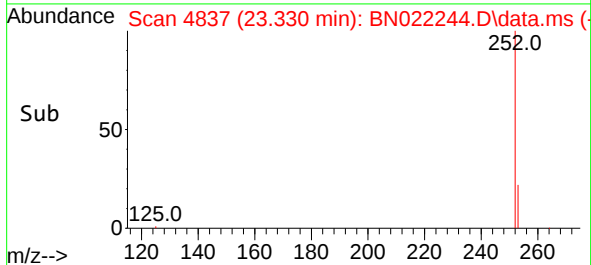
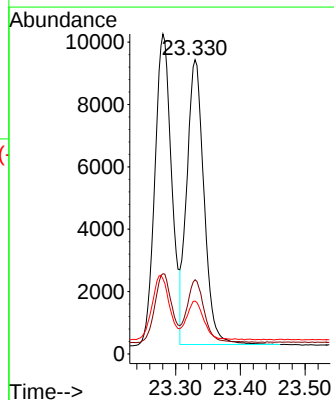
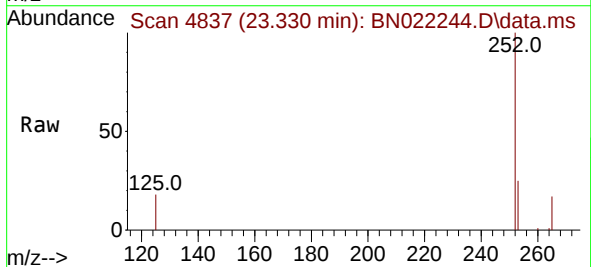


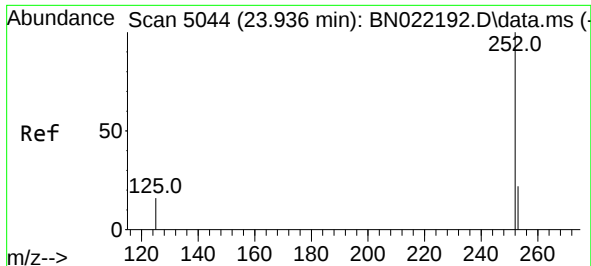
Tgt Ion:252 Resp: 18067
Ion Ratio Lower Upper
252 100
253 25.0 0.0 49.0
125 23.4 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.406 ng/ul
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

Tgt Ion:252 Resp: 16840
Ion Ratio Lower Upper
252 100
253 25.2 19.7 29.5
125 18.0 14.0 21.0

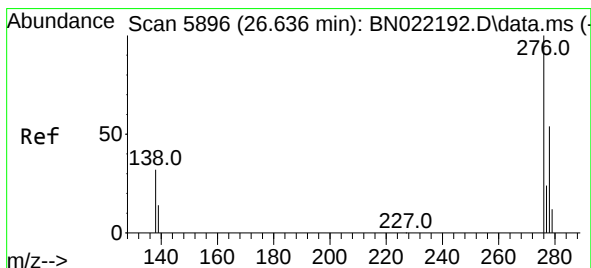
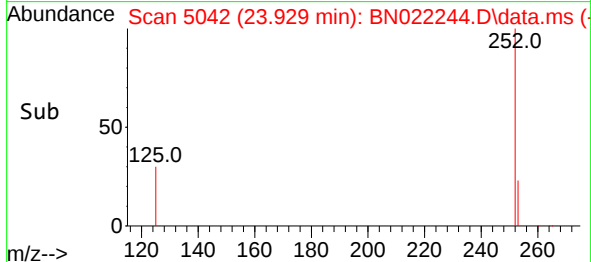
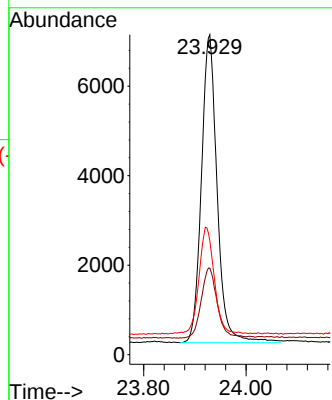
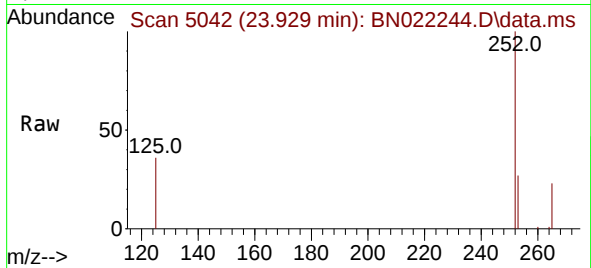




#26
Benzo(a)pyrene
Concen: 0.432 ng/ul
RT: 23.929 min Scan# 5044
Delta R.T. -0.006 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

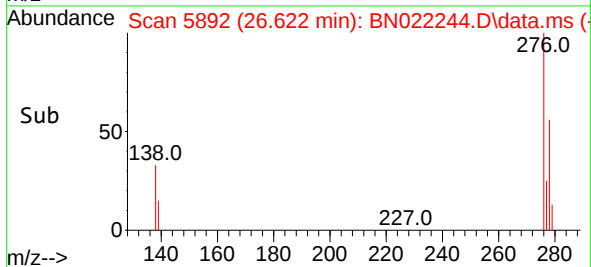
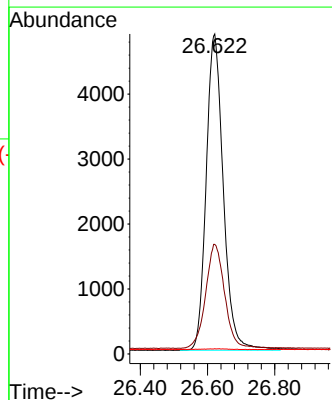
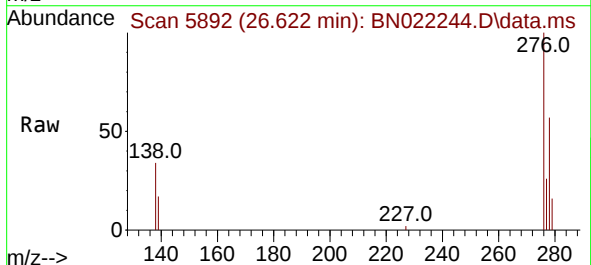
Instrument :
BNA_N
ClientSampleId :
SSTD0.4319

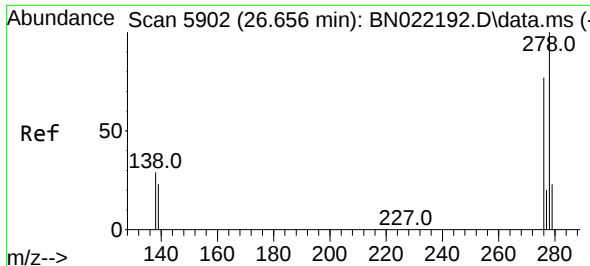
Tgt Ion:252 Resp: 14695
Ion Ratio Lower Upper
252 100
253 27.0 21.0 31.6
125 35.7 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 26.622 min Scan# 5892
Delta R.T. -0.014 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

Tgt Ion:276 Resp: 17203
Ion Ratio Lower Upper
276 100
138 36.5 27.7 41.5
227 0.0 0.2 0.2#

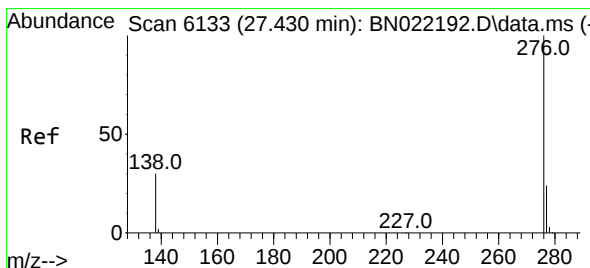
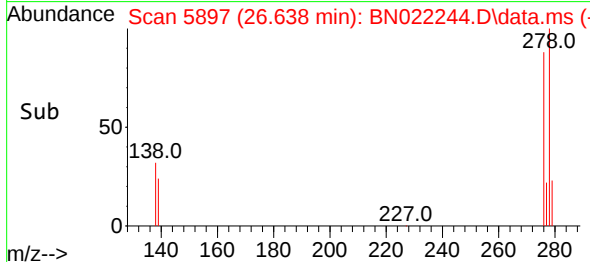
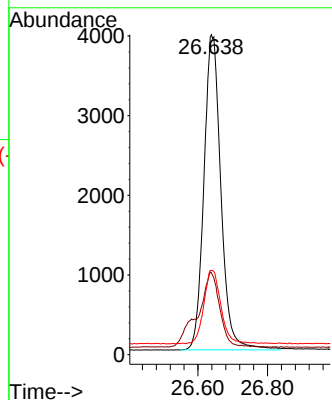
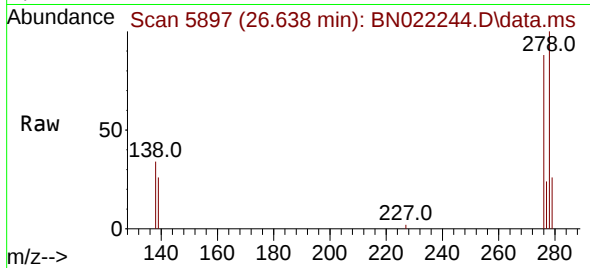




#28
Dibenzo(a,h)anthracene
Concen: 0.399 ng/ul
RT: 26.638 min Scan# 5897
Delta R.T. -0.017 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.4319

Tgt Ion:278 Resp: 13470
Ion Ratio Lower Upper
278 100
139 25.7 19.6 29.4
279 26.3 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.389 ng/ul
RT: 27.417 min Scan# 6129
Delta R.T. -0.014 min
Lab File: BN022244.D
Acq: 20 Oct 2022 21:36

Tgt Ion:276 Resp: 13421
Ion Ratio Lower Upper
276 100
138 30.8 25.2 37.8
277 24.7 19.9 29.9

