

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022192.D
 Acq On : 19 Oct 2022 11:59
 Operator : CG/JU
 Sample : SST0.448
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4204

Quant Time: Oct 19 23:21:21 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)

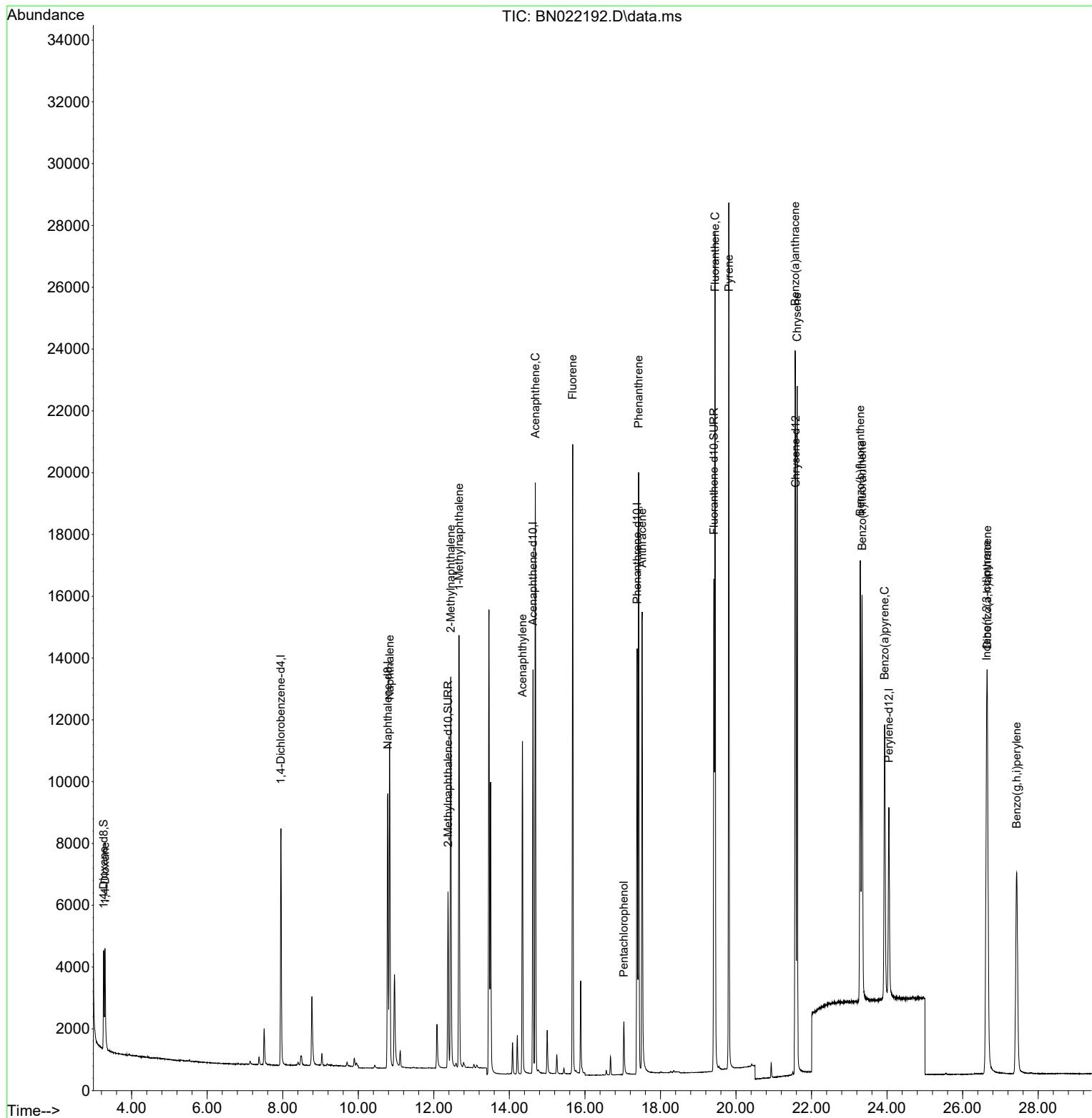
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	4104	0.400	ng/ul	0.00
4) Naphthalene-d8	10.782	136	12536	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.627	164	7097	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.382	188	15499	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	12197	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	9285	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.261	96	2234	0.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.377	152	7738	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.415	212	16862	0.372	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.295	88	2225	0.430	ng/ul	100
5) Naphthalene	10.832	128	15114	0.428	ng/ul	100
7) 2-Methylnaphthalene	12.448	142	9463	0.412	ng/ul	100
8) 1-Methylnaphthalene	12.668	142	9821	0.417	ng/ul	100
10) Acenaphthylene	14.349	152	12899	0.433	ng/ul	100
11) Acenaphthene	14.687	153	10946	0.433	ng/ul	100
12) Fluorene	15.677	166	12718	0.449	ng/ul	100
14) Pentachlorophenol	17.031	266	1319	0.439	ng/ul	100
15) Phenanthrene	17.424	178	21257	0.435	ng/ul	100
16) Anthracene	17.517	178	17641	0.435	ng/ul	100
19) Fluoranthene	19.443	202	22906	0.402	ng/ul	100
20) Pyrene	19.810	202	22740	0.405	ng/ul	100
21) Benzo(a)anthracene	21.568	228	18435	0.451	ng/ul	100
22) Chrysene	21.620	228	19825	0.445	ng/ul	100
24) Benzo(b)fluoranthene	23.289	252	18761	0.416	ng/ul	100
25) Benzo(k)fluoranthene	23.339	252	18598	0.426	ng/ul	100
26) Benzo(a)pyrene	23.936	252	14976	0.439	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.636	276	18342	0.478	ng/ul	100
28) Dibenzo(a,h)anthracene	26.656	278	14739	0.452	ng/ul	100
29) Benzo(g,h,i)perylene	27.430	276	15090	0.427	ng/ul	100

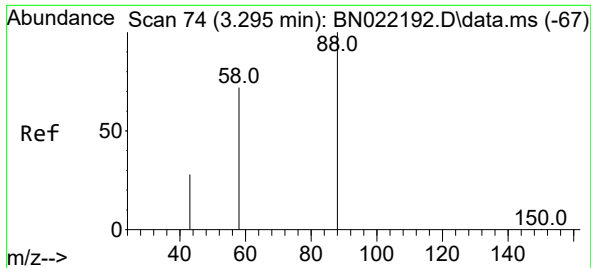
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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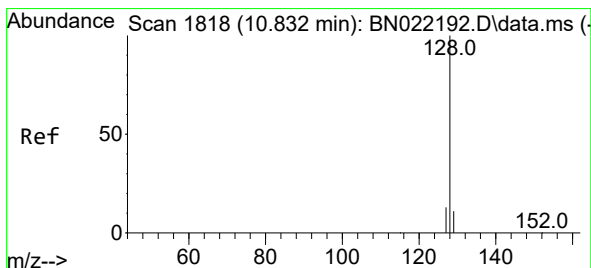
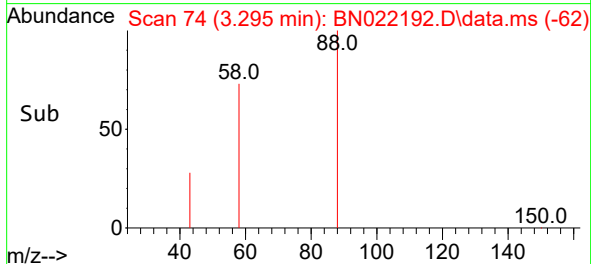
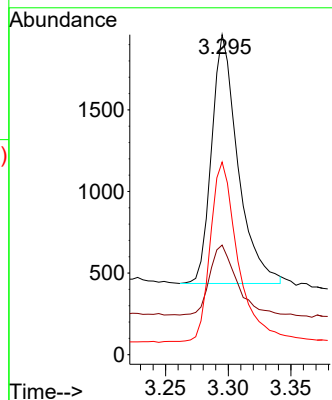
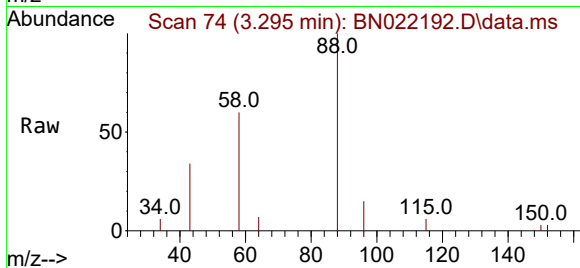




#2
1,4-Dioxane
Concen: 0.430 ng/ul
RT: 3.295 min Scan# 74
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

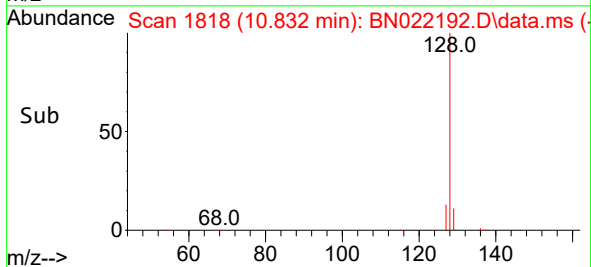
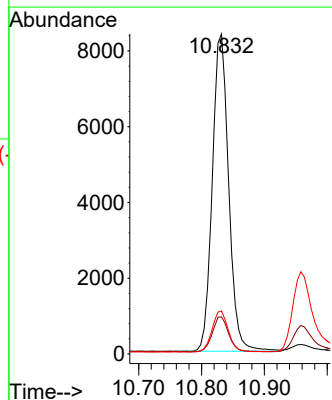
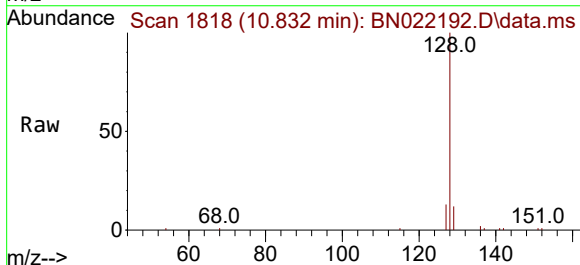
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

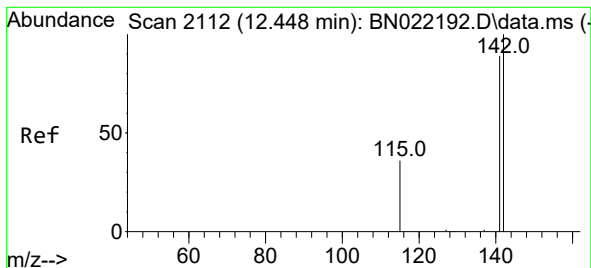
Tgt Ion: 88 Resp: 2225
Ion Ratio Lower Upper
88 100
43 34.3 27.4 41.2
58 60.2 48.2 72.2



#5
Naphthalene
Concen: 0.428 ng/ul
RT: 10.832 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

Tgt Ion: 128 Resp: 15114
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.4 10.7 16.1

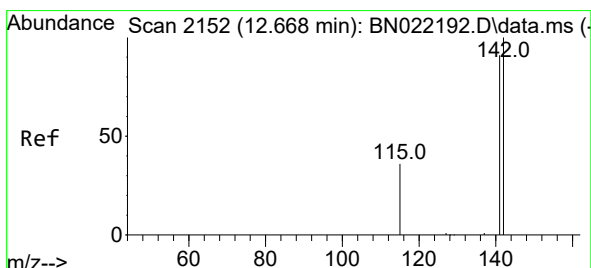
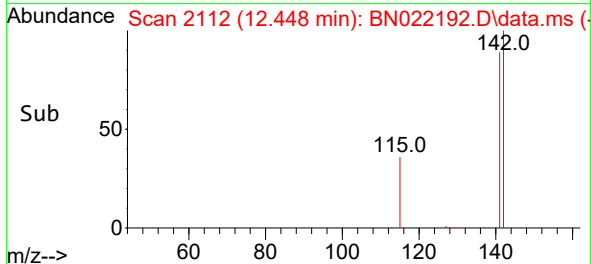
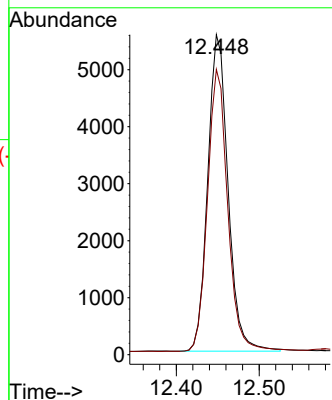
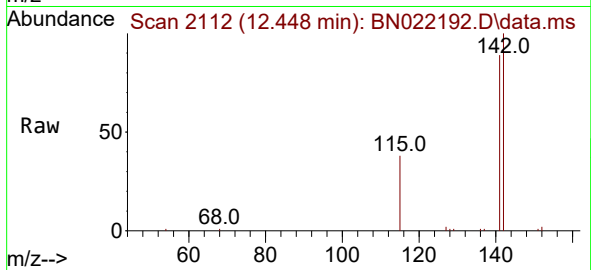




#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.448 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

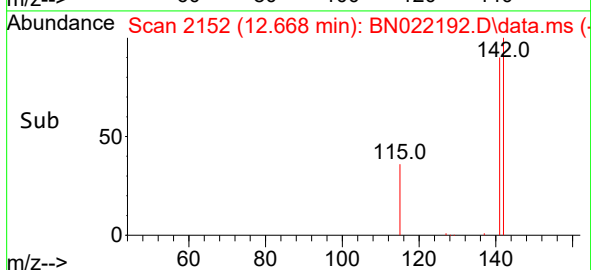
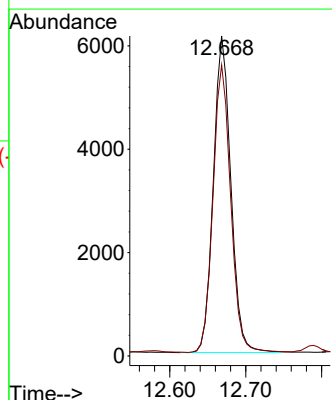
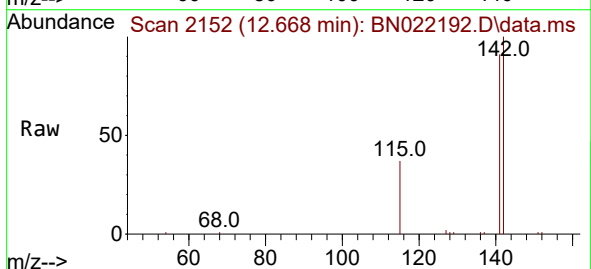
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

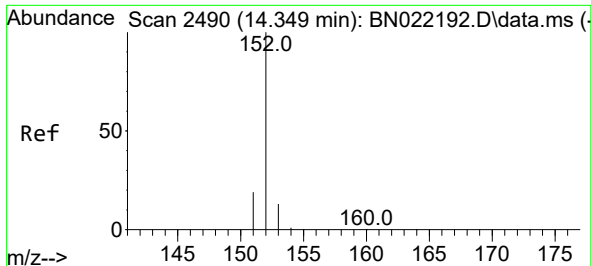
Tgt Ion:142 Resp: 9463
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.668 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

Tgt Ion:142 Resp: 9821
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9

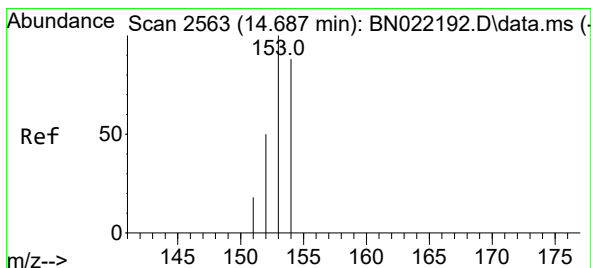
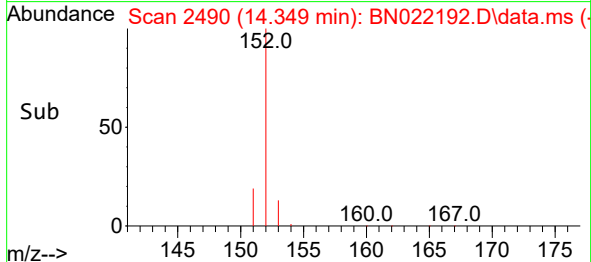
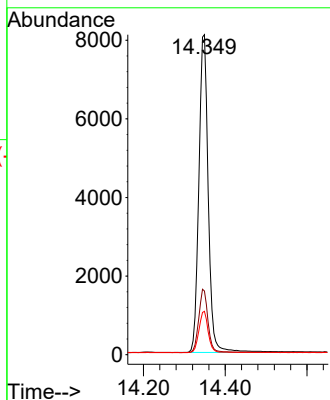
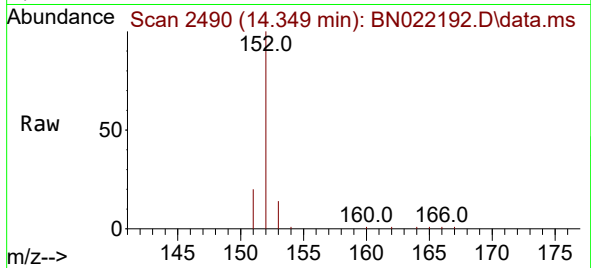




#10
Acenaphthylene
Concen: 0.433 ng/ul
RT: 14.349 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

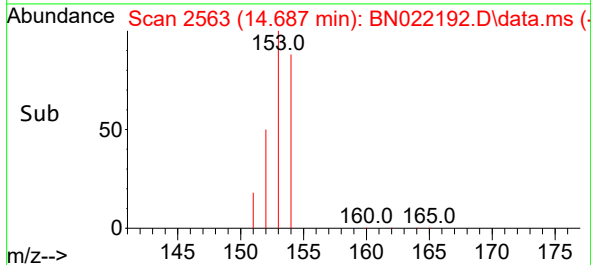
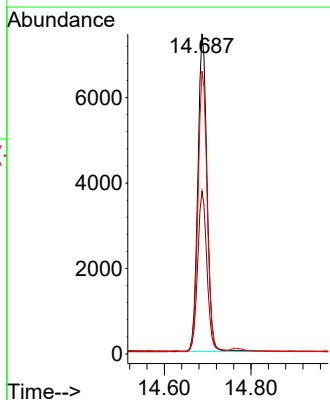
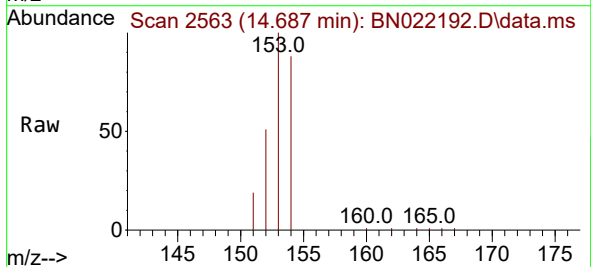
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

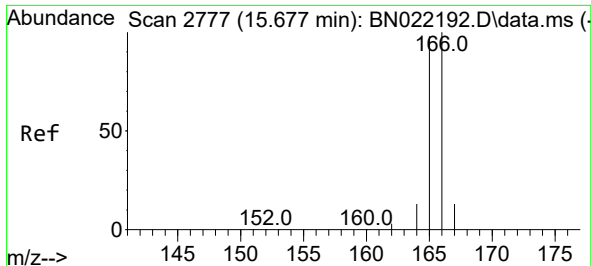
Tgt Ion:152 Resp: 12899
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.687 min Scan# 2563
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

Tgt Ion:153 Resp: 10946
Ion Ratio Lower Upper
153 100
152 50.8 40.6 61.0
154 88.3 70.6 106.0

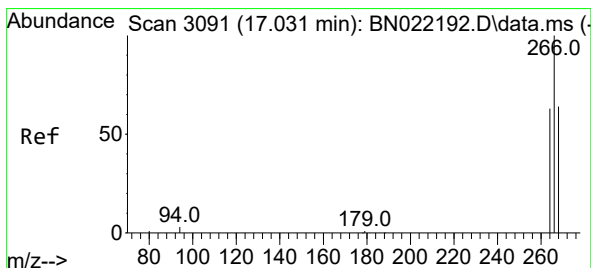
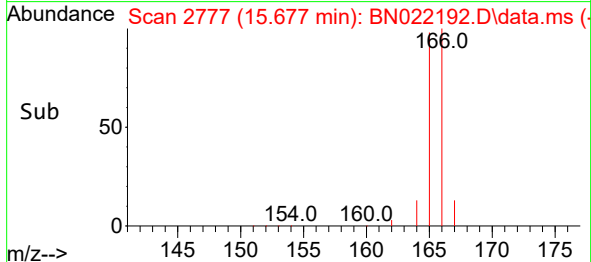
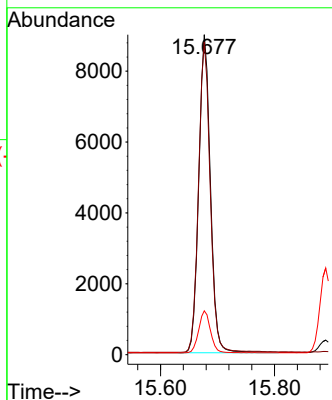
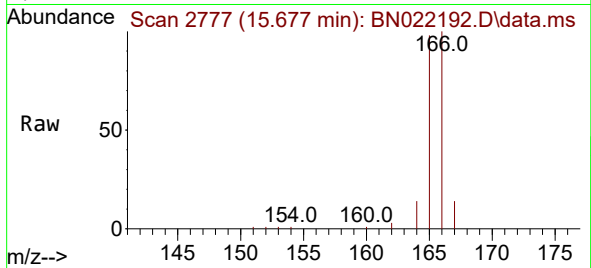




#12
Fluorene
Concen: 0.449 ng/ul
RT: 15.677 min Scan# 2777
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

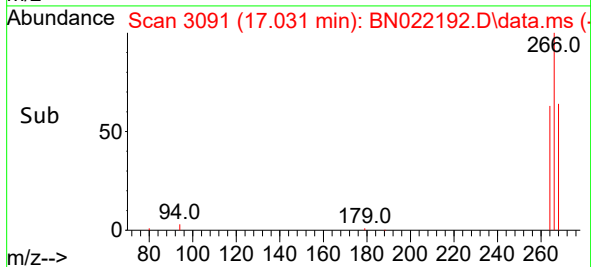
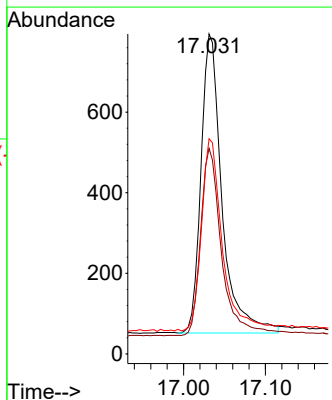
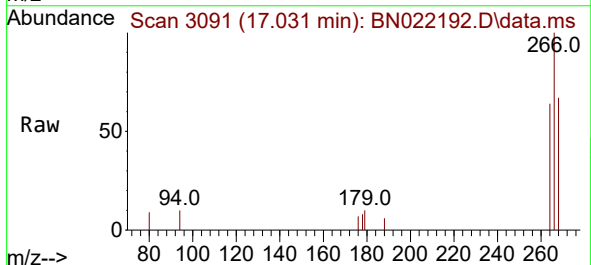
Instrument :
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SSTD0.4204

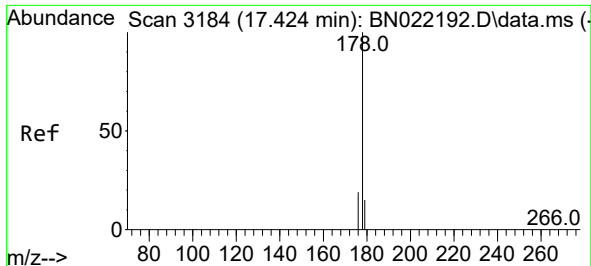
Tgt Ion:166 Resp: 12718
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.7 11.0 16.4



#14
Pentachlorophenol
Concen: 0.439 ng/ul
RT: 17.031 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

Tgt Ion:266 Resp: 1319
Ion Ratio Lower Upper
266 100
264 62.2 49.8 74.6
268 64.3 51.4 77.2

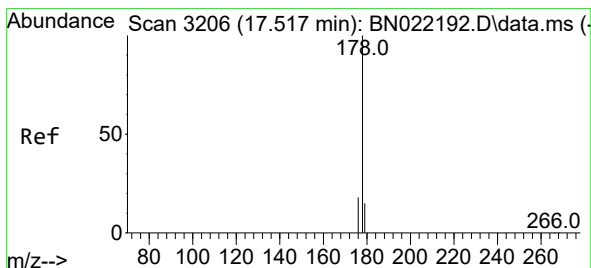
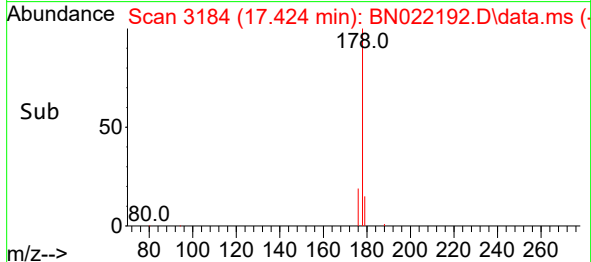
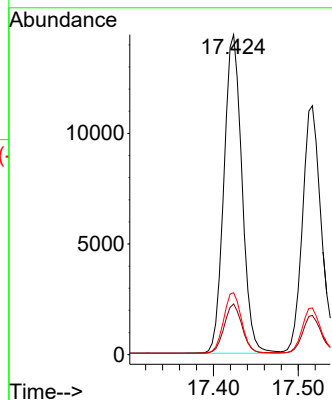
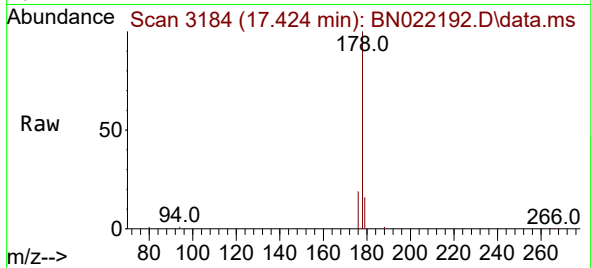




#15
Phenanthrene
Concen: 0.435 ng/ul
RT: 17.424 min Scan# 3184
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

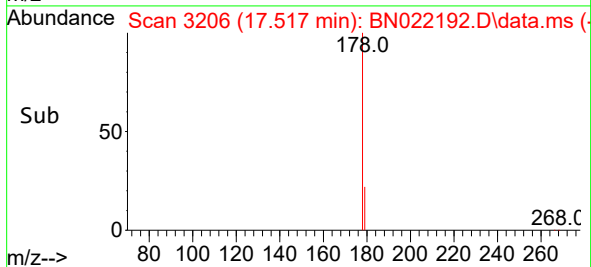
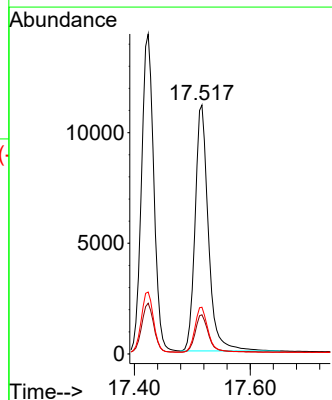
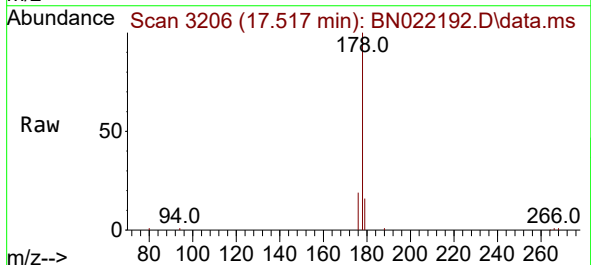
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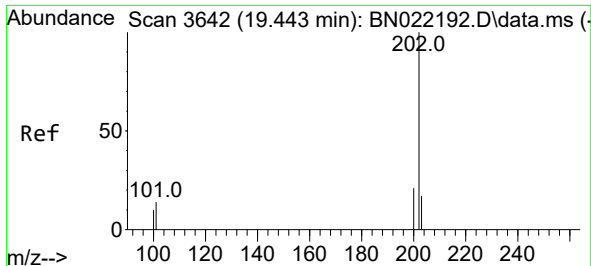
Tgt Ion:178 Resp: 21257
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.3 15.4 23.2



#16
Anthracene
Concen: 0.435 ng/ul
RT: 17.517 min Scan# 3206
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

Tgt Ion:178 Resp: 17641
Ion Ratio Lower Upper
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179 15.7 12.6 18.8
176 18.8 15.0 22.6

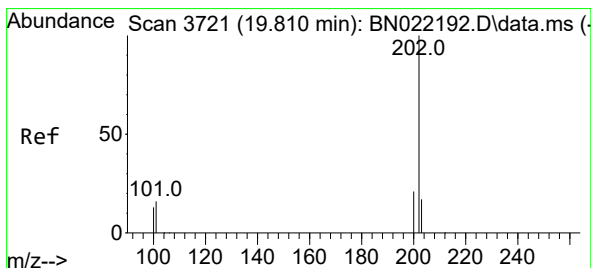
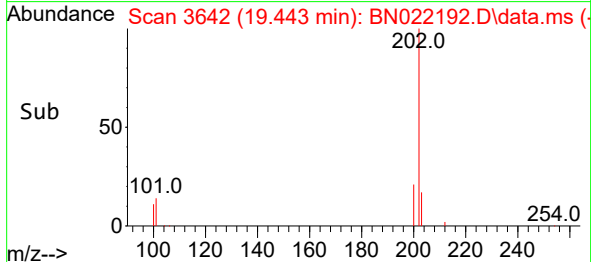
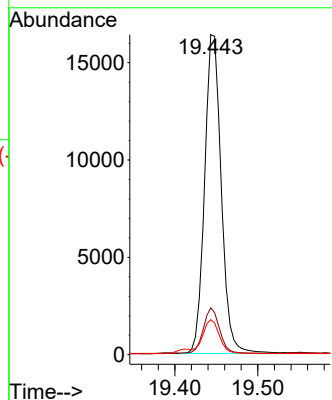
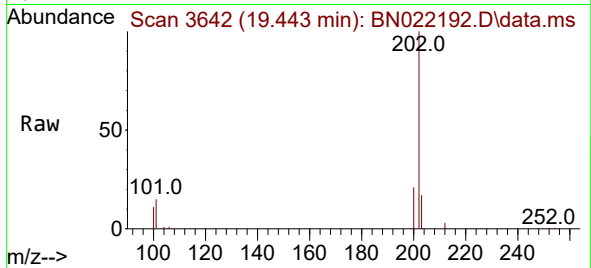




#19
Fluoranthene
Concen: 0.402 ng/ul
RT: 19.443 min Scan# 3642
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

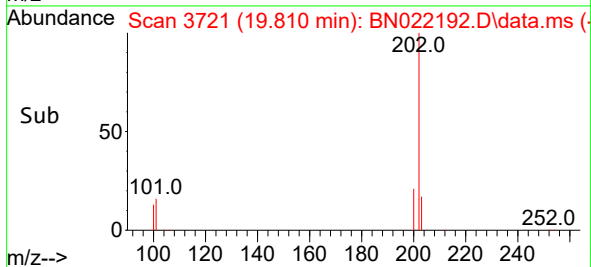
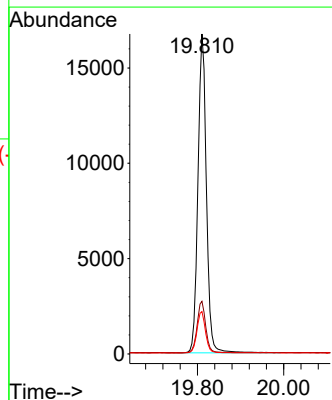
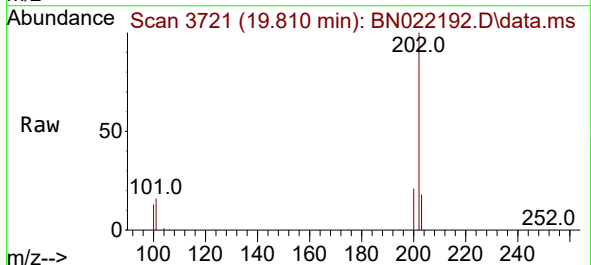
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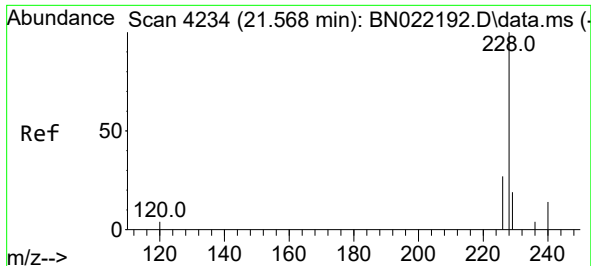
Tgt Ion:202 Resp: 22906
Ion Ratio Lower Upper
202 100
101 14.7 11.8 17.6
100 10.9 8.7 13.1



#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.810 min Scan# 3721
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

Tgt Ion:202 Resp: 22740
Ion Ratio Lower Upper
202 100
101 16.4 13.1 19.7
100 13.3 10.6 16.0

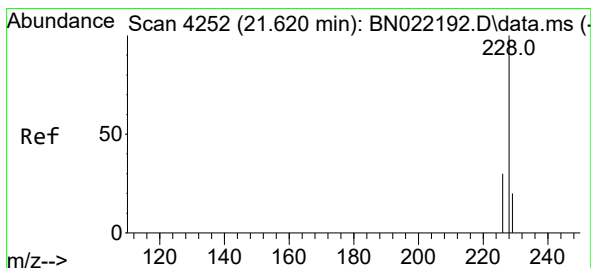
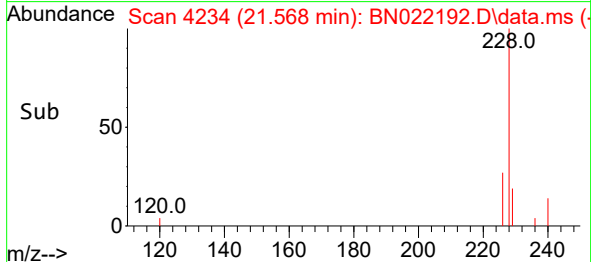
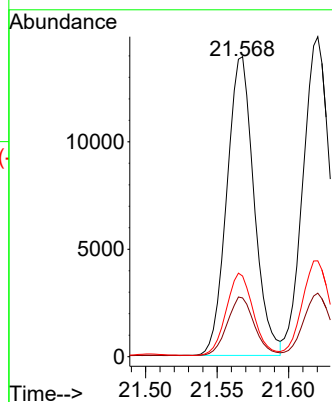
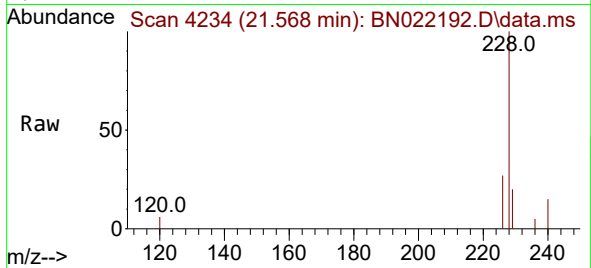




#21
Benzo(a)anthracene
Concen: 0.451 ng/ul
RT: 21.568 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

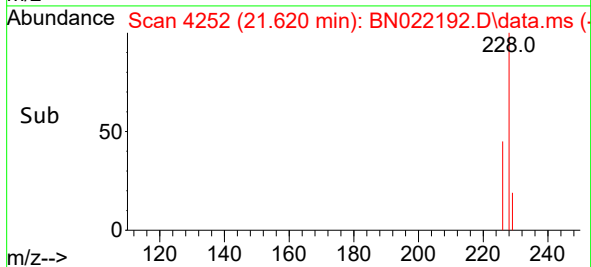
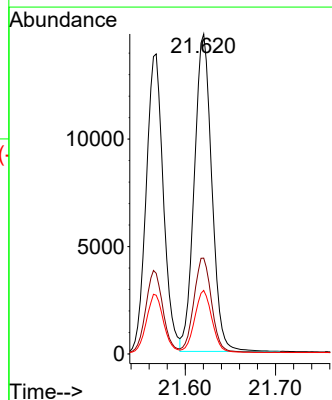
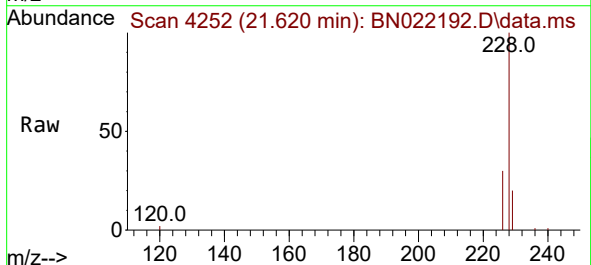
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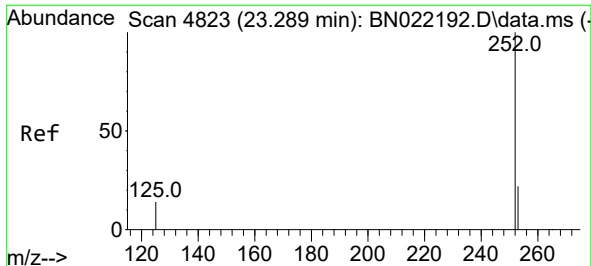
Tgt Ion:228 Resp: 18435
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 26.9 21.5 32.3



#22
Chrysene
Concen: 0.445 ng/ul
RT: 21.620 min Scan# 4252
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

Tgt Ion:228 Resp: 19825
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 19.9 15.9 23.9

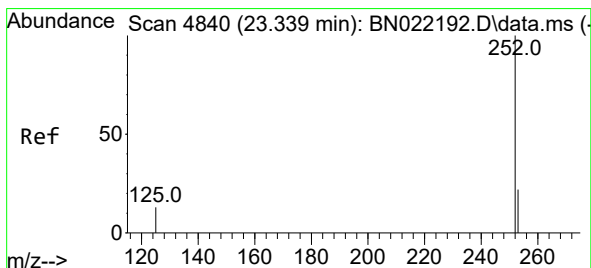
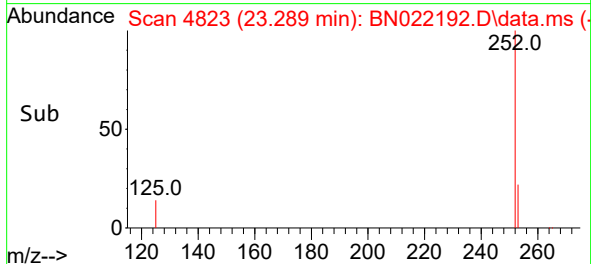
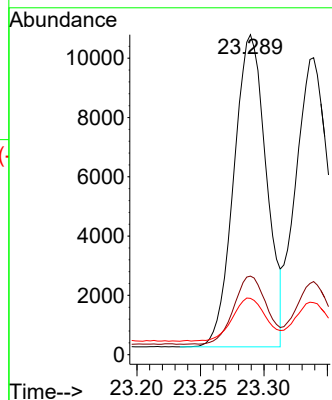
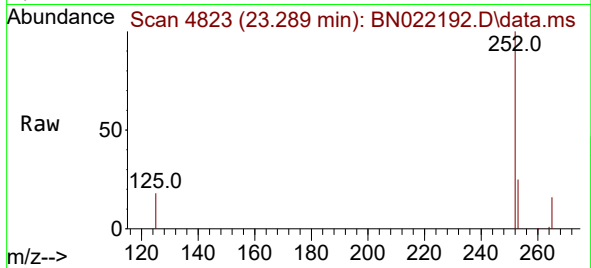




#24
Benzo(b)fluoranthene
Concen: 0.416 ng/ul
RT: 23.289 min Scan# 4823
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

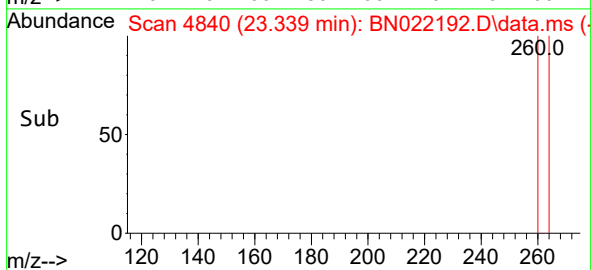
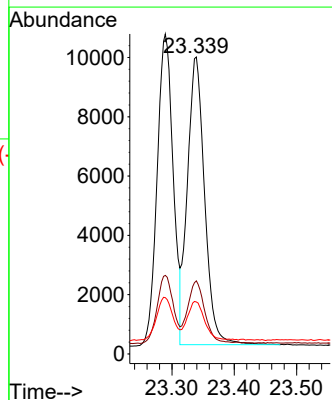
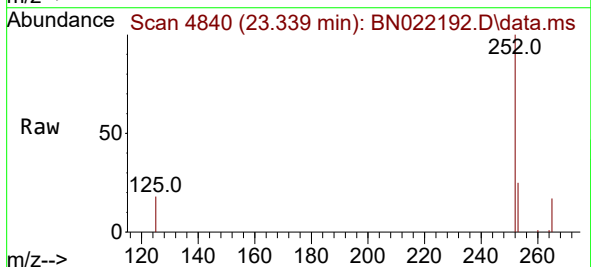
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

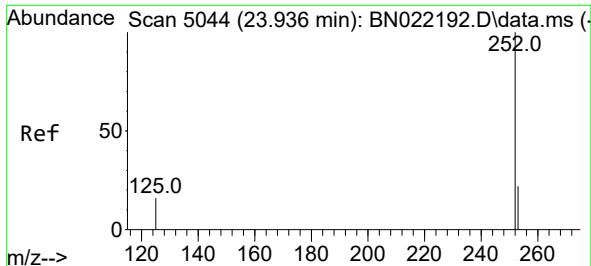
Tgt Ion:252 Resp: 18761
Ion Ratio Lower Upper
252 100
253 24.5 0.0 49.0
125 17.6 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.426 ng/ul
RT: 23.339 min Scan# 4840
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

Tgt Ion:252 Resp: 18598
Ion Ratio Lower Upper
252 100
253 24.6 19.7 29.5
125 17.5 14.0 21.0

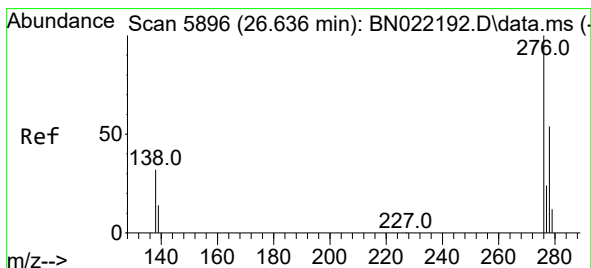
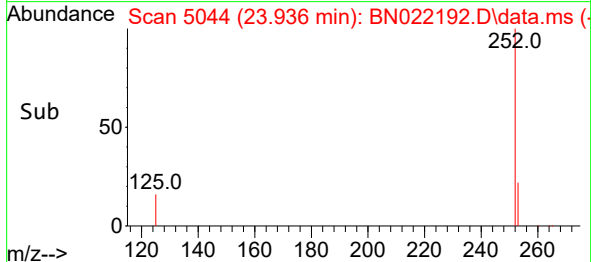
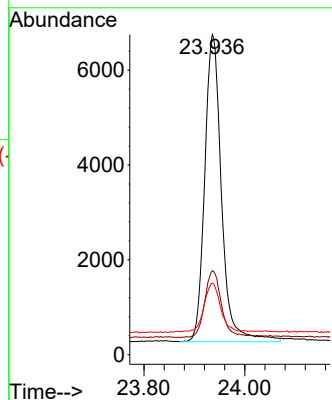
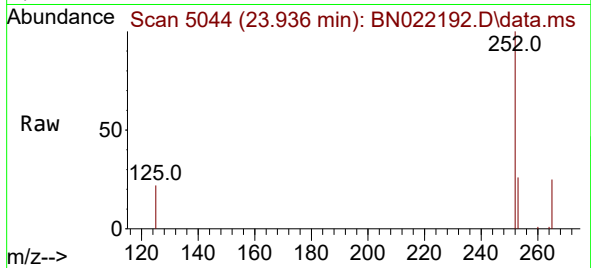




#26
Benzo(a)pyrene
Concen: 0.439 ng/ul
RT: 23.936 min Scan# 5044
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

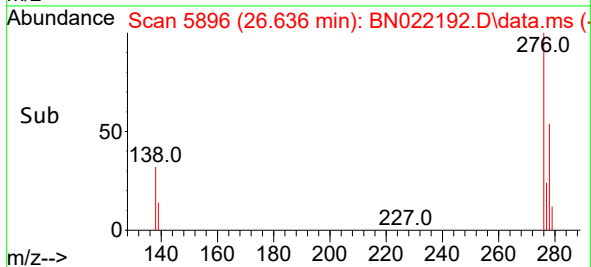
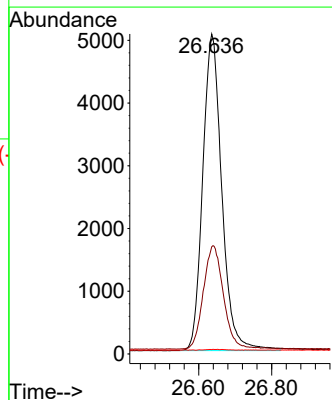
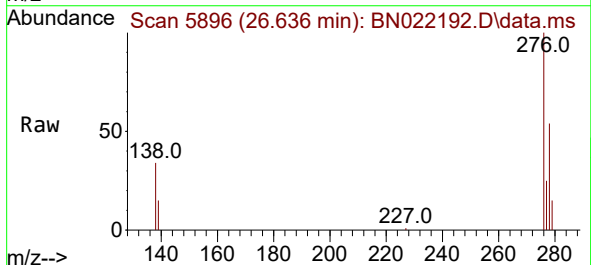
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

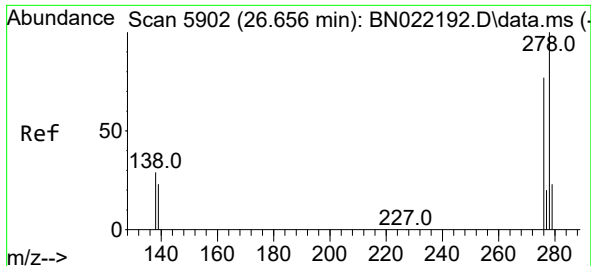
Tgt Ion:252 Resp: 14976
Ion Ratio Lower Upper
252 100
253 26.3 21.0 31.6
125 22.4 17.9 26.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.478 ng/ul
RT: 26.636 min Scan# 5896
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

Tgt Ion:276 Resp: 18342
Ion Ratio Lower Upper
276 100
138 34.6 27.7 41.5
227 0.2 0.2 0.2

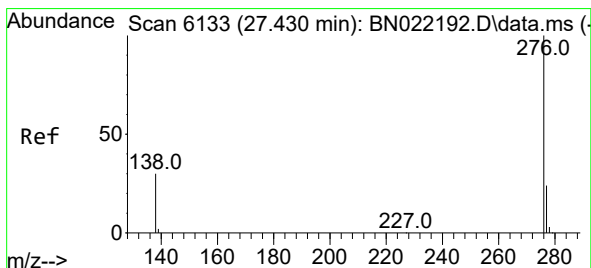
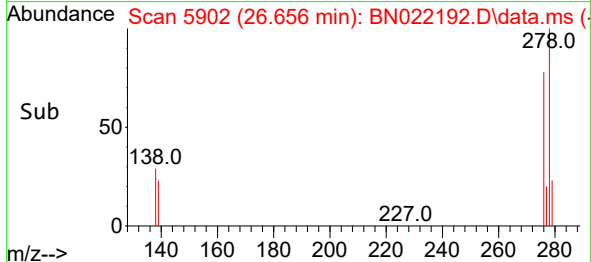
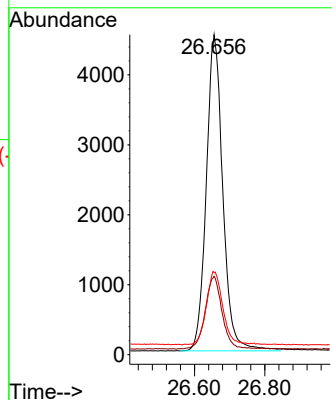
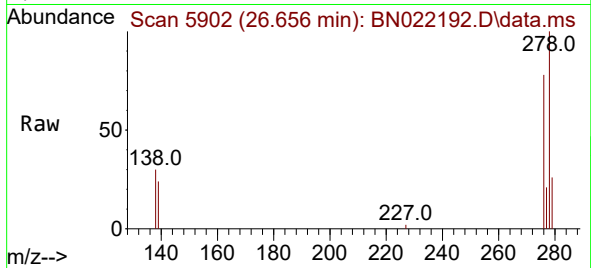




#28
Dibenzo(a,h)anthracene
Concen: 0.452 ng/ul
RT: 26.656 min Scan# 5902
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

Tgt Ion:278 Resp: 14739
Ion Ratio Lower Upper
278 100
139 24.5 19.6 29.4
279 25.7 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 27.430 min Scan# 6133
Delta R.T. 0.000 min
Lab File: BN022192.D
Acq: 19 Oct 2022 11:59

Tgt Ion:276 Resp: 15090
Ion Ratio Lower Upper
276 100
138 31.5 25.2 37.8
277 24.9 19.9 29.9

