

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
 Data File : BN023173.D
 Acq On : 13 Dec 2022 20:47
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4347

Quant Time: Dec 14 00:00:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 23:52:47 2022
 Response via : Initial Calibration

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

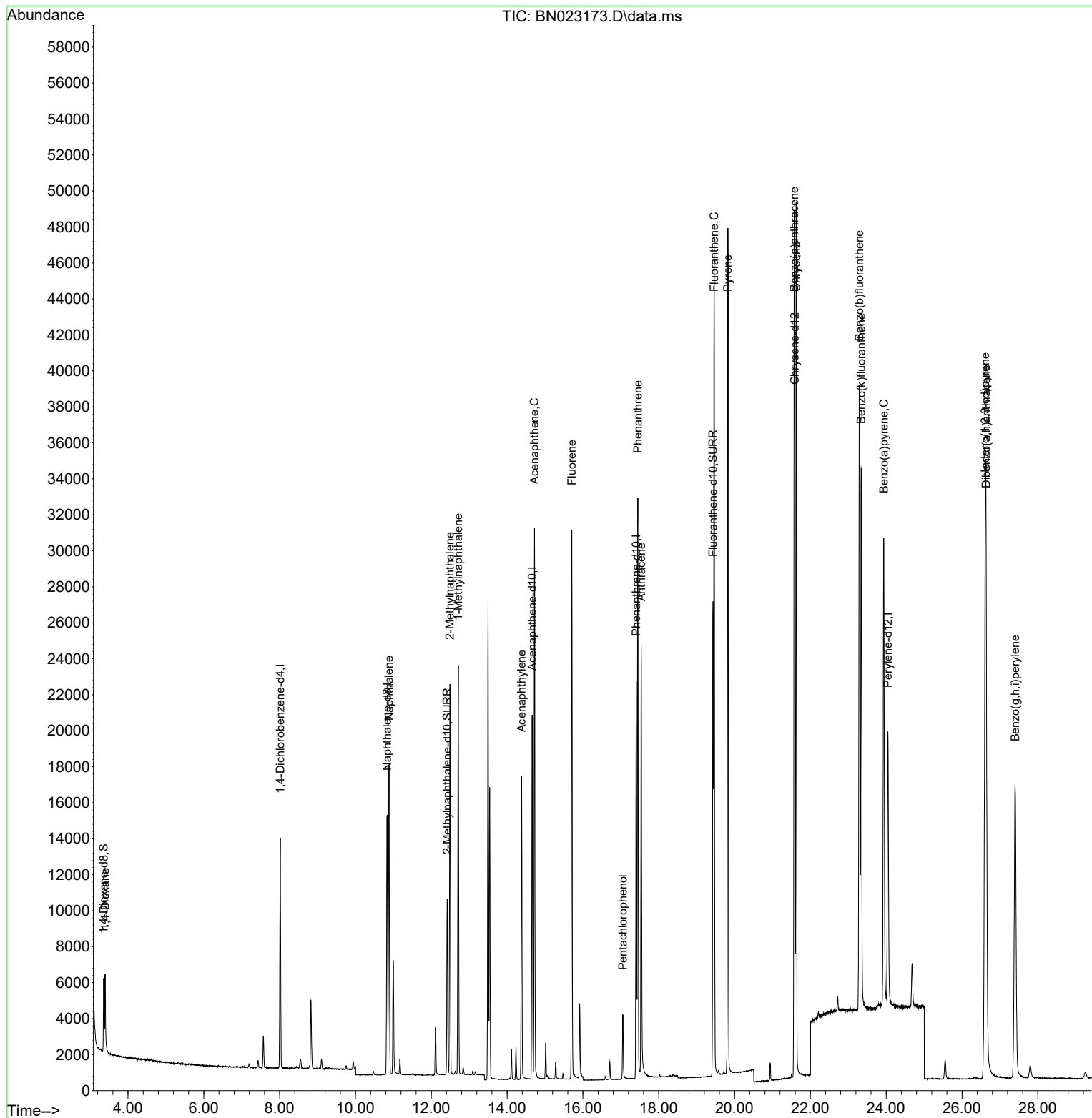
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	6247	0.400	ng/ul	0.00
4) Naphthalene-d8	10.836	136	19242	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.663	164	11021	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.406	188	24917	0.400	ng/ul	0.00
17) Chrysene-d12	21.587	240	24365	0.400	ng/ul	0.00
23) Perylene-d12	24.043	264	21557	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	2876	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.420	152	12041	0.411	ng/ul	0.00
18) Fluoranthene-d10	19.433	212	28093	0.312	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.395	88	2872	0.367	ng/ul#	91
5) Naphthalene	10.886	128	22902	0.392	ng/ul	100
7) 2-Methylnaphthalene	12.491	142	14635	0.401	ng/ul	100
8) 1-Methylnaphthalene	12.711	142	15137	0.408	ng/ul	100
10) Acenaphthylene	14.380	152	19373	0.357	ng/ul	100
11) Acenaphthene	14.723	153	16671	0.388	ng/ul	100
12) Fluorene	15.708	166	19174	0.394	ng/ul	99
14) Pentachlorophenol	17.051	266	2497	0.479	ng/ul#	100
15) Phenanthrene	17.448	178	33135	0.388	ng/ul	100
16) Anthracene	17.537	178	26872	0.366	ng/ul	99
19) Fluoranthene	19.461	202	38050	0.302	ng/ul	98
20) Pyrene	19.823	202	38432	0.312	ng/ul	96
21) Benzo(a)anthracene	21.573	228	37158	0.399	ng/ul	99
22) Chrysene	21.625	228	39857	0.390	ng/ul	99
24) Benzo(b)fluoranthene	23.291	252	42979	0.393	ng/ul	95
25) Benzo(k)fluoranthene	23.338	252	41257	0.357	ng/ul	99
26) Benzo(a)pyrene	23.934	252	37391	0.449	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.611	276	49358	0.499	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.635	278	38248	0.487	ng/ul	98
29) Benzo(g,h,i)perylene	27.403	276	37570	0.436	ng/ul	99

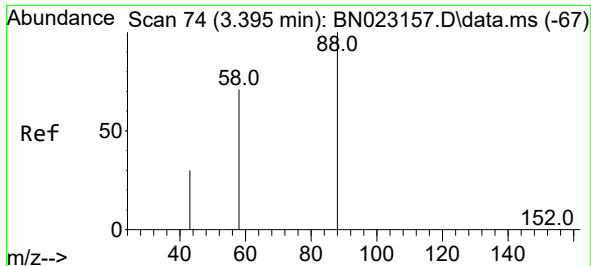
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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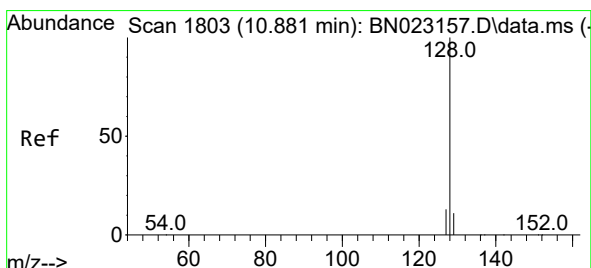
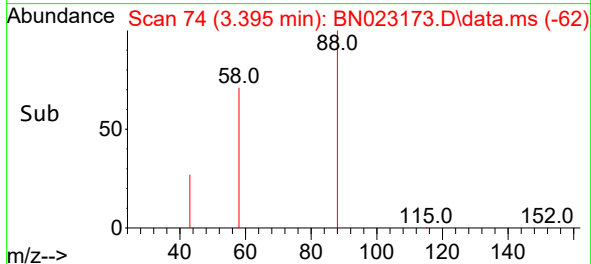
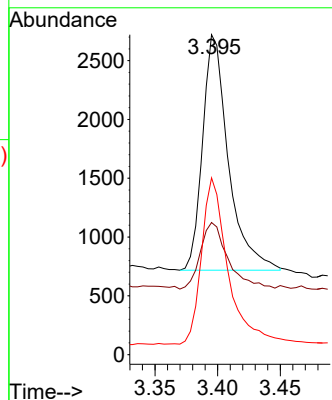
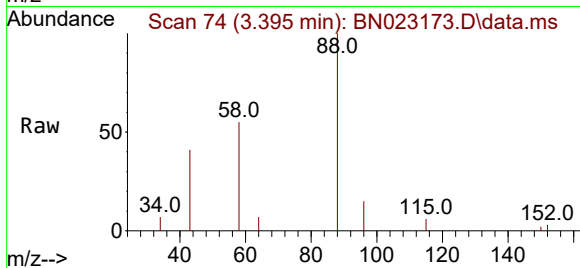




#2
1,4-Dioxane
Concen: 0.367 ng/ul
RT: 3.395 min Scan# 74
Delta R.T. 0.000 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

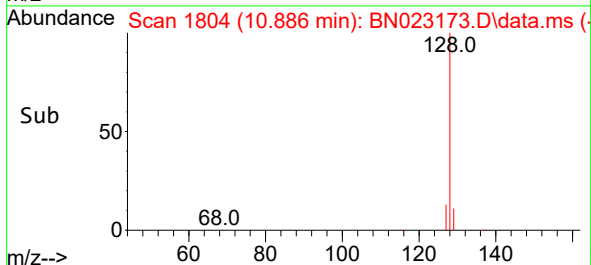
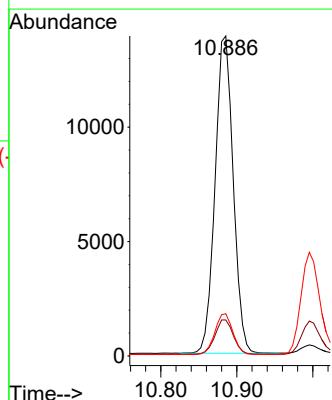
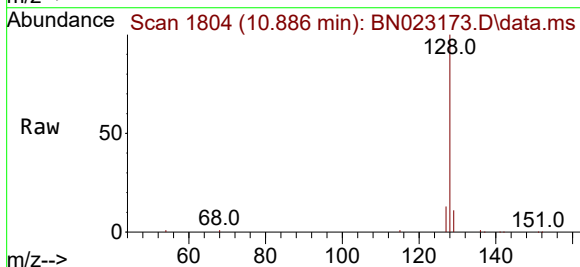
Instrument :
BNA_N
ClientSampleId :
SSTD0.4347

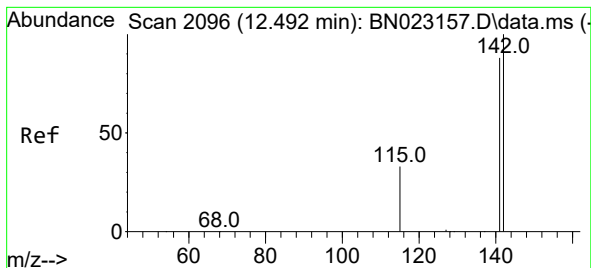
Tgt Ion: 88 Resp: 2872
Ion Ratio Lower Upper
88 100
43 41.3 26.2 39.4#
58 55.2 47.6 71.4



#5
Naphthalene
Concen: 0.392 ng/ul
RT: 10.886 min Scan# 1804
Delta R.T. 0.004 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

Tgt Ion: 128 Resp: 22902
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.2 10.6 16.0

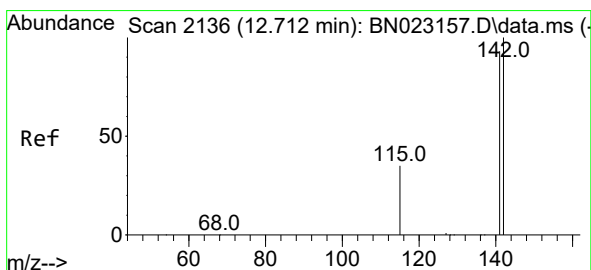
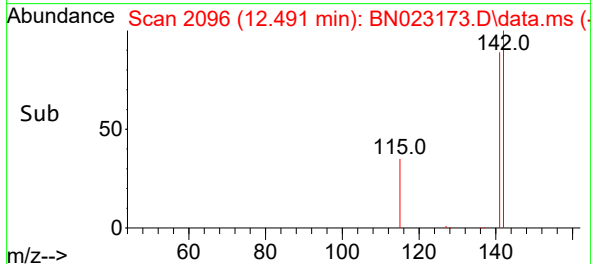
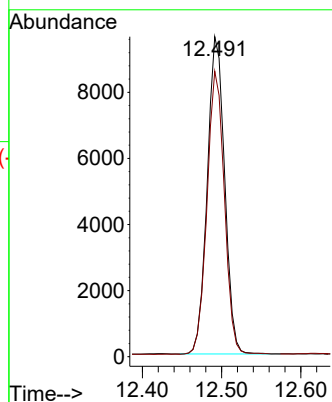
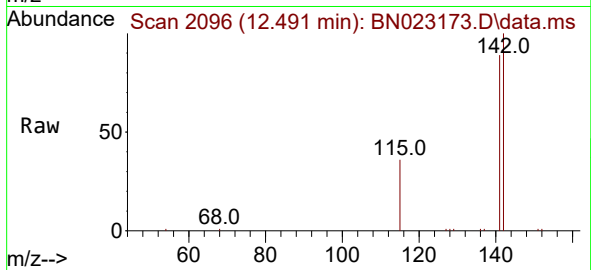




#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.491 min Scan# 2096
Delta R.T. -0.001 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

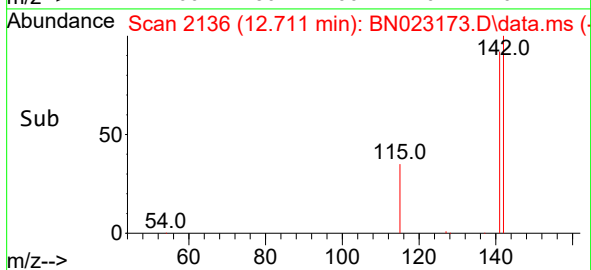
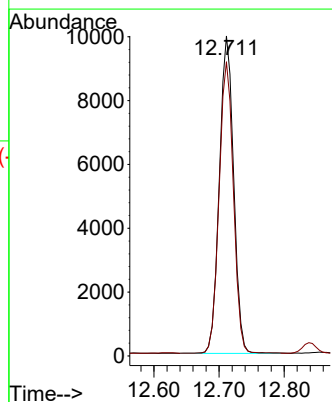
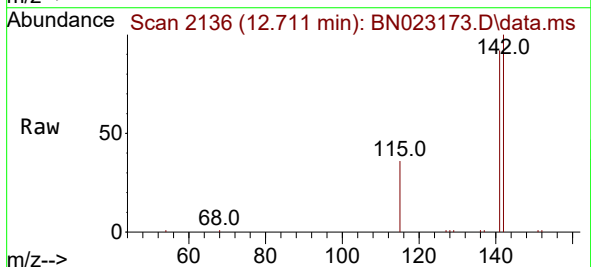
Instrument :
BNA_N
ClientSampleId :
SSTD0.4347

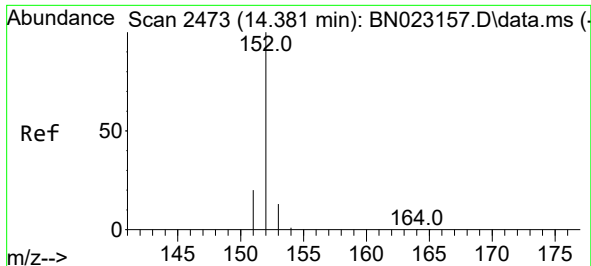
Tgt Ion:142 Resp: 14635
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.711 min Scan# 2136
Delta R.T. -0.001 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

Tgt Ion:142 Resp: 15137
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6

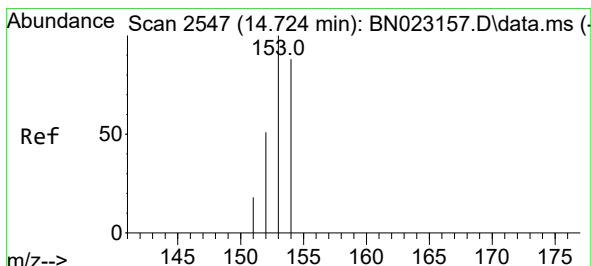
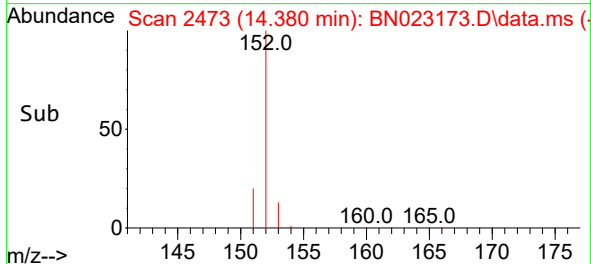
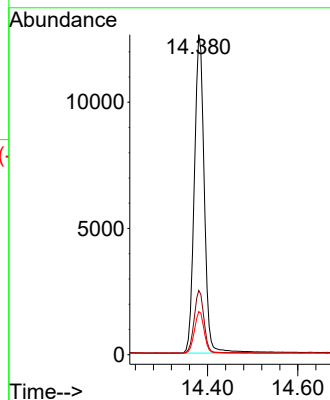
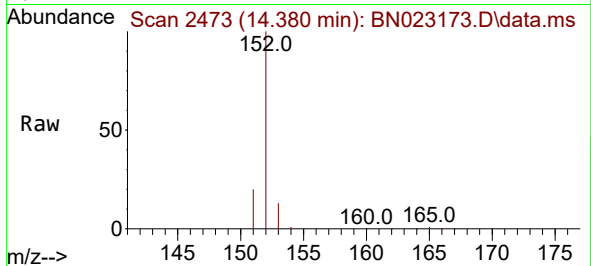




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.380 min Scan# 2473
Delta R.T. -0.001 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

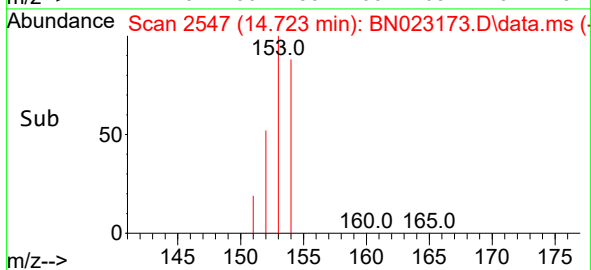
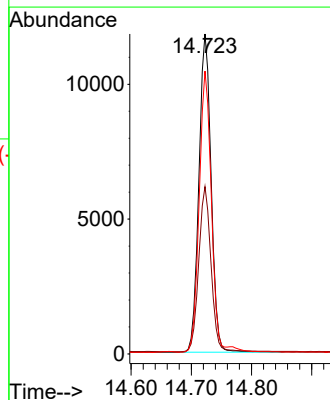
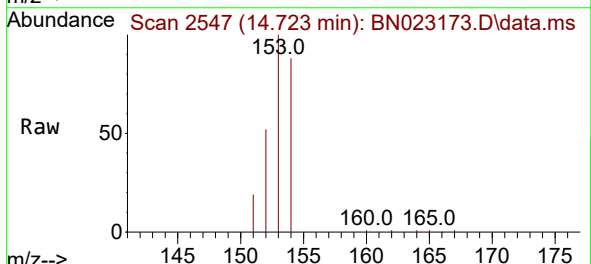
Instrument :
BNA_N
ClientSampleId :
SSTD0.4347

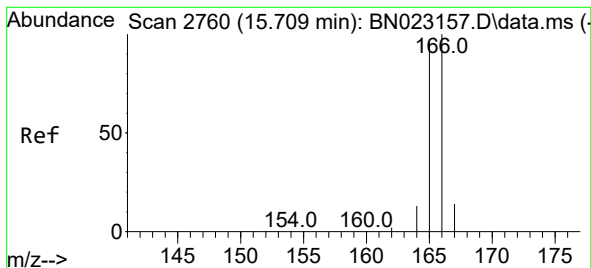
Tgt Ion:152 Resp: 19373
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.4 10.5 15.7



#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.723 min Scan# 2547
Delta R.T. -0.001 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

Tgt Ion:153 Resp: 16671
Ion Ratio Lower Upper
153 100
152 52.3 41.8 62.8
154 88.4 71.3 106.9





#12

Fluorene

Concen: 0.394 ng/ul

RT: 15.708 min Scan# 21

Delta R.T. -0.001 min

Lab File: BN023173.D

Acq: 13 Dec 2022 20:47

Instrument :

BNA_N

ClientSampleId :

SSTD0.4347

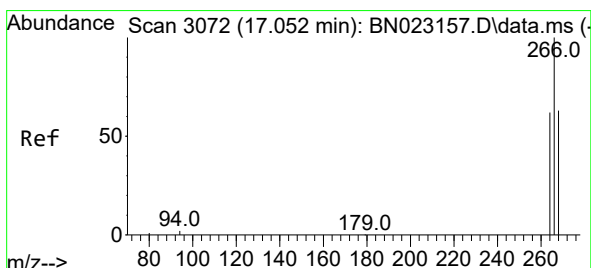
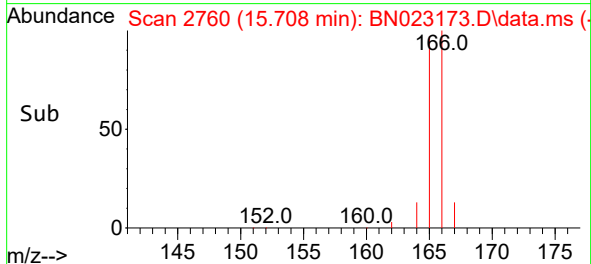
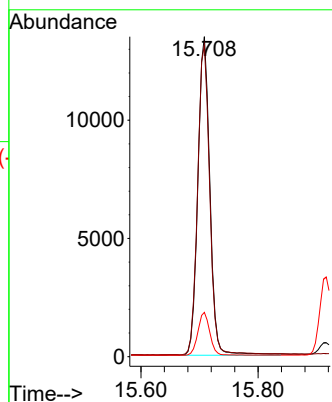
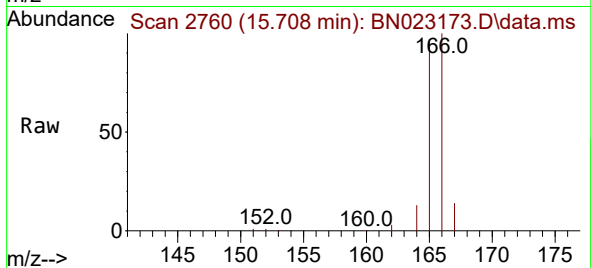
Tgt Ion:166 Resp: 19174

Ion Ratio Lower Upper

166 100

165 97.4 78.7 118.1

167 13.8 10.8 16.2



#14

Pentachlorophenol

Concen: 0.479 ng/ul

RT: 17.051 min Scan# 3072

Delta R.T. -0.001 min

Lab File: BN023173.D

Acq: 13 Dec 2022 20:47

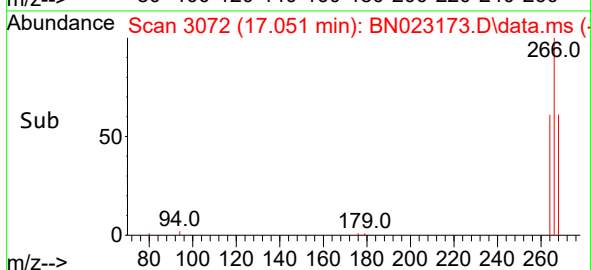
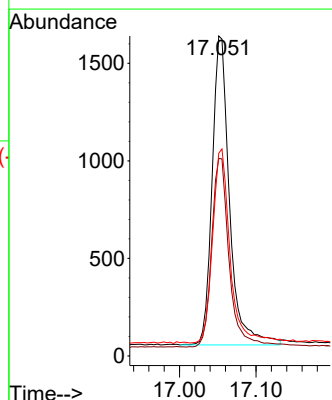
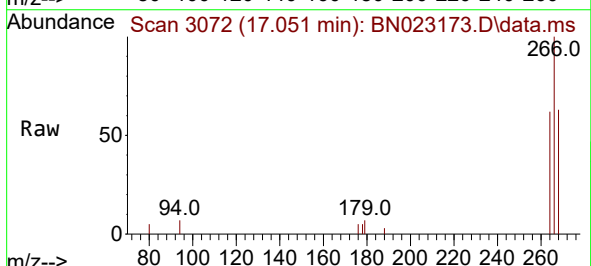
Tgt Ion:266 Resp: 2497

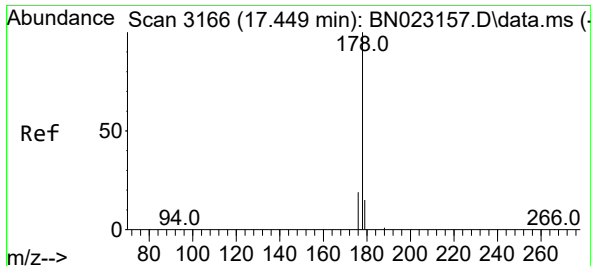
Ion Ratio Lower Upper

266 100

264 62.0 0.0 0.0#

268 63.2 0.0 0.0#

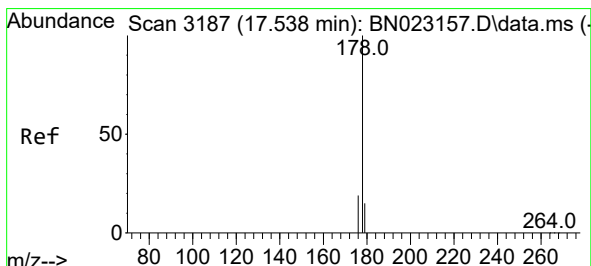
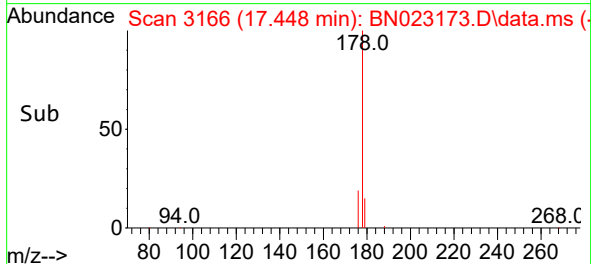
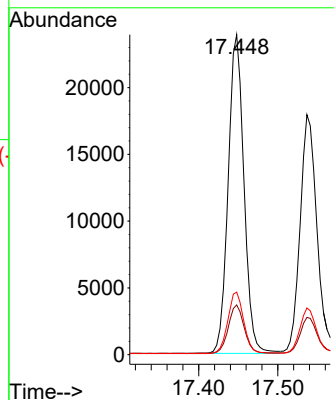
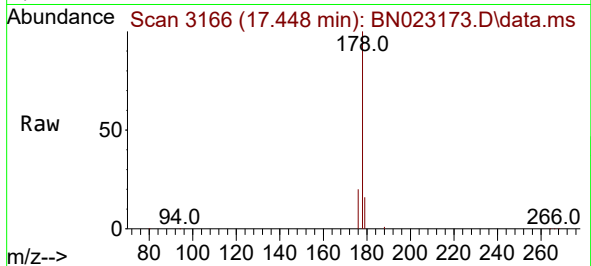




#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. -0.001 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

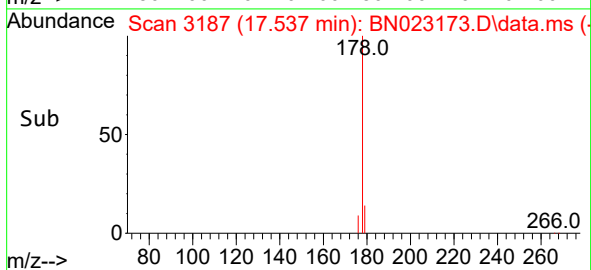
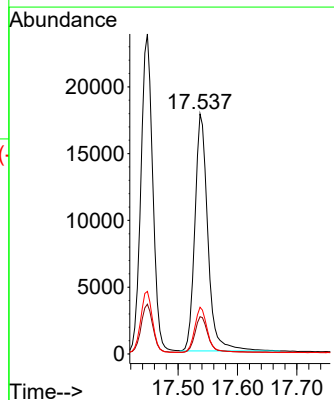
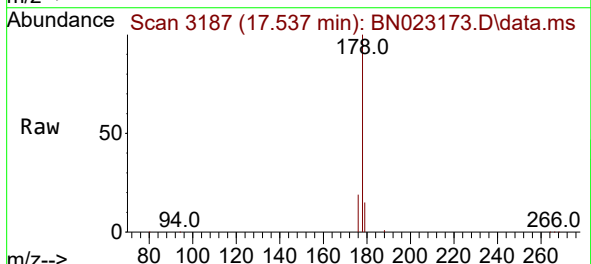
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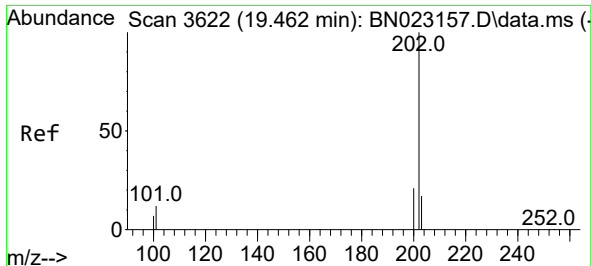
Tgt Ion:178 Resp: 33135
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.6 15.9 23.9



#16
Anthracene
Concen: 0.366 ng/ul
RT: 17.537 min Scan# 3187
Delta R.T. -0.001 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

Tgt Ion:178 Resp: 26872
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.5 15.3 22.9

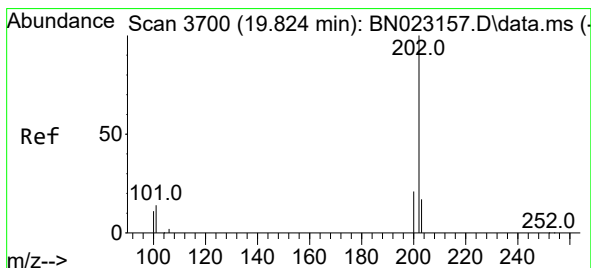
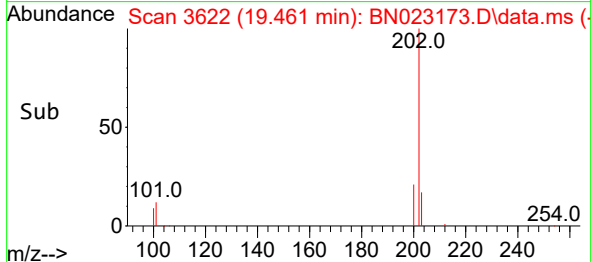
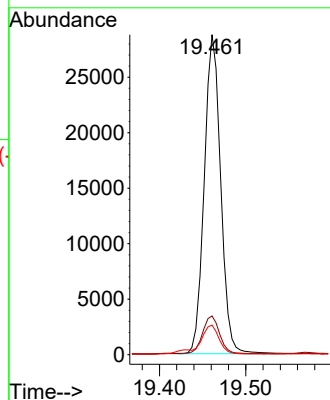
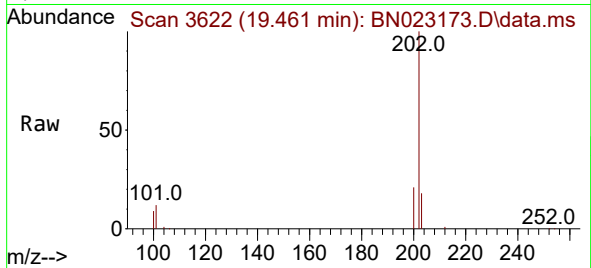




#19
Fluoranthene
Concen: 0.302 ng/ul
RT: 19.461 min Scan# 3622
Delta R.T. -0.001 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

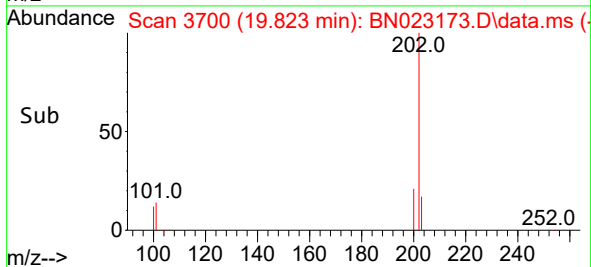
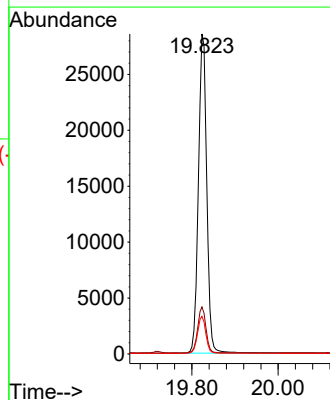
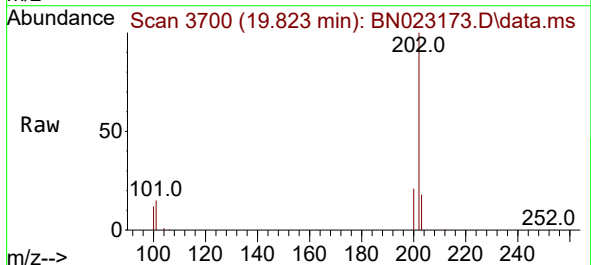
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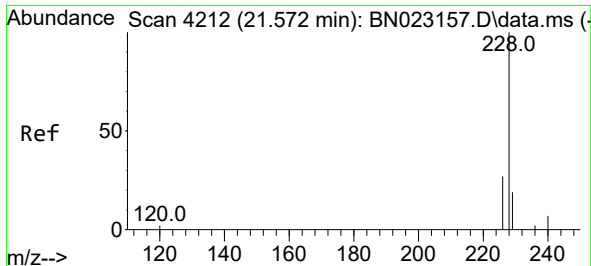
Tgt Ion:202 Resp: 38050
Ion Ratio Lower Upper
202 100
101 12.1 9.2 13.8
100 9.2 6.9 10.3



#20
Pyrene
Concen: 0.312 ng/ul
RT: 19.823 min Scan# 3700
Delta R.T. -0.001 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

Tgt Ion:202 Resp: 38432
Ion Ratio Lower Upper
202 100
101 14.7 10.6 16.0
100 11.7 8.2 12.4

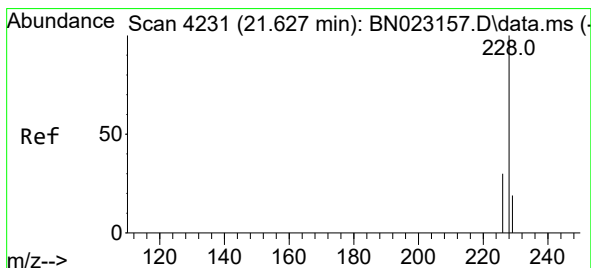
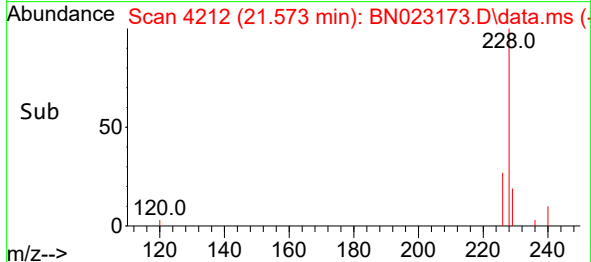
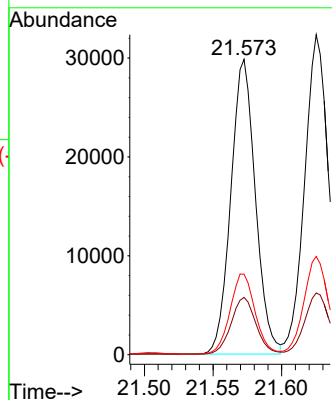
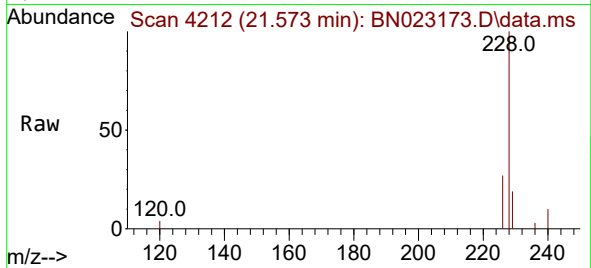




#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.573 min Scan# 41
Delta R.T. 0.001 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

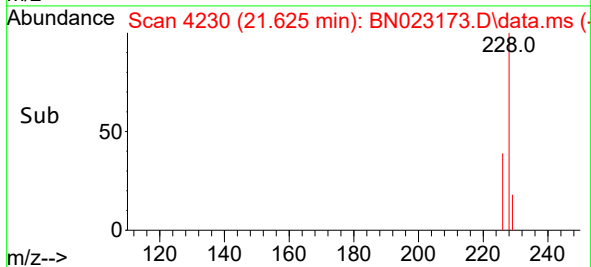
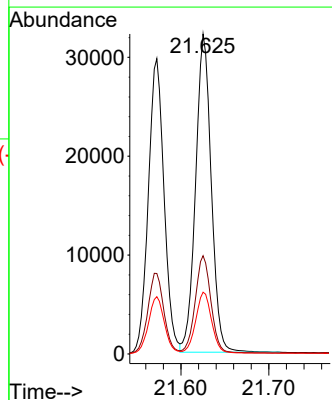
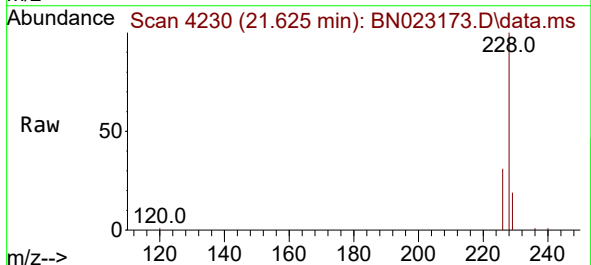
Instrument :
BNA_N
ClientSampleId :
SSTD0.4347

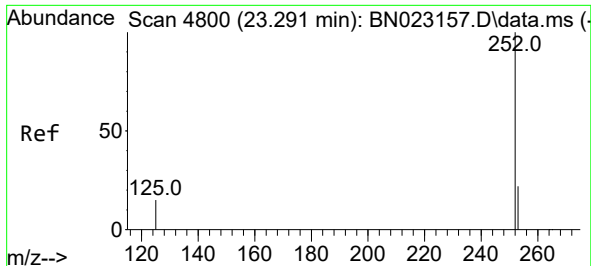
Tgt Ion:228 Resp: 37158
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 27.2 22.2 33.4



#22
Chrysene
Concen: 0.390 ng/ul
RT: 21.625 min Scan# 4230
Delta R.T. -0.002 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

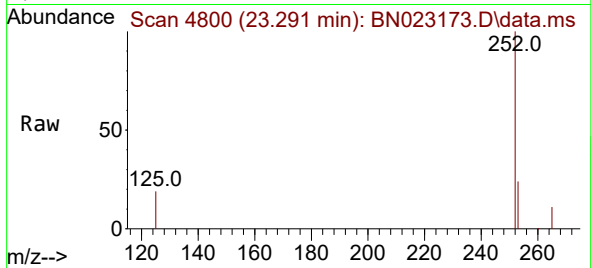
Tgt Ion:228 Resp: 39857
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 19.3 15.8 23.8



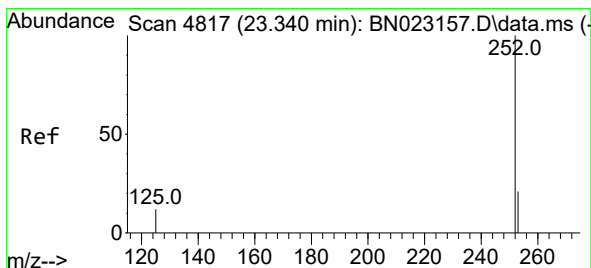
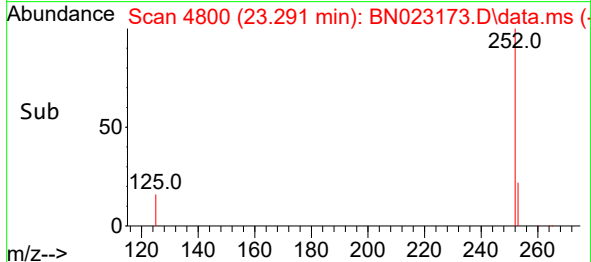
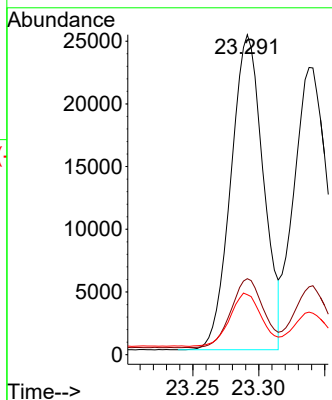


#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul
RT: 23.291 min Scan# 4800
Delta R.T. 0.001 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.4347

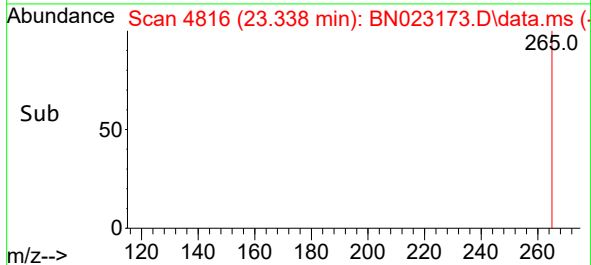
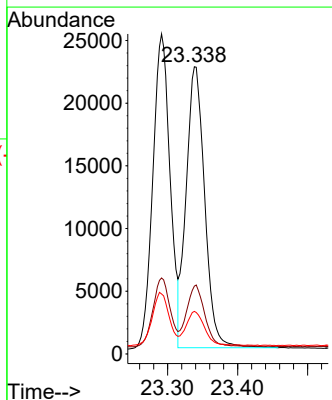
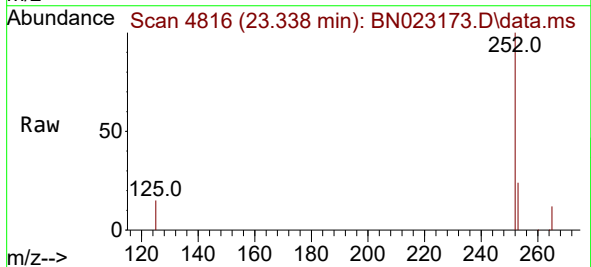


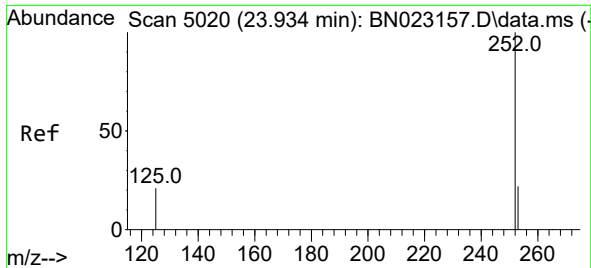
Tgt Ion:252 Resp: 42979
Ion Ratio Lower Upper
252 100
253 23.7 0.0 46.0
125 18.7 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 23.338 min Scan# 4816
Delta R.T. -0.002 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

Tgt Ion:252 Resp: 41257
Ion Ratio Lower Upper
252 100
253 23.6 18.7 28.1
125 14.8 11.3 16.9

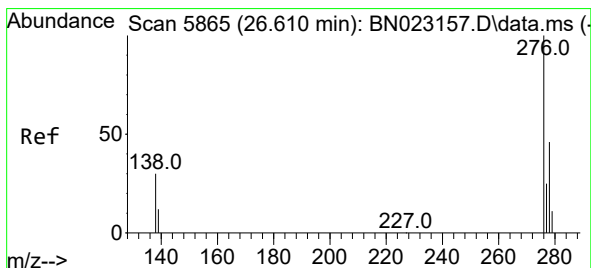
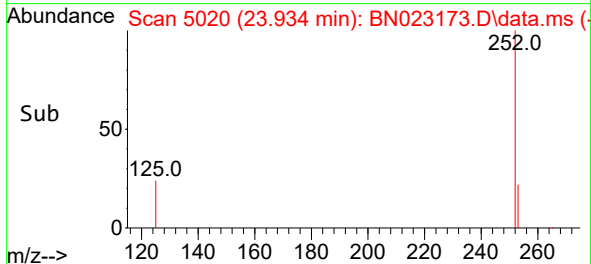
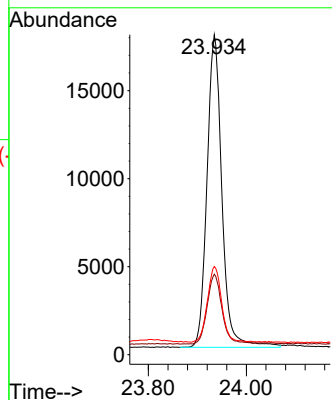
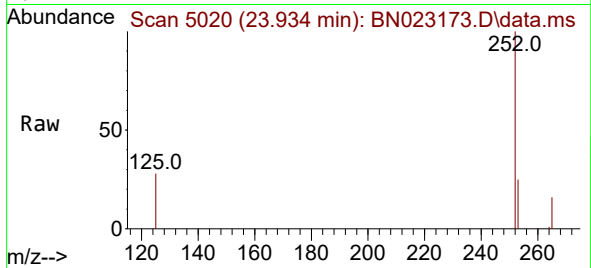




#26
Benzo(a)pyrene
Concen: 0.449 ng/ul
RT: 23.934 min Scan# 5020
Delta R.T. 0.001 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

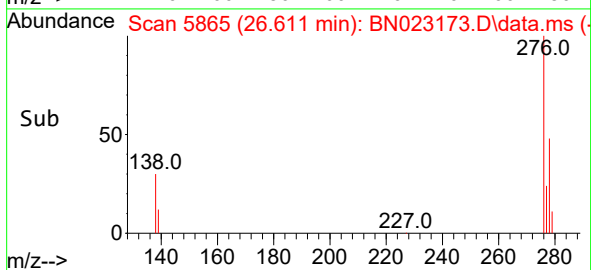
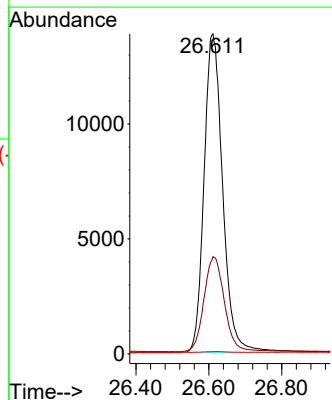
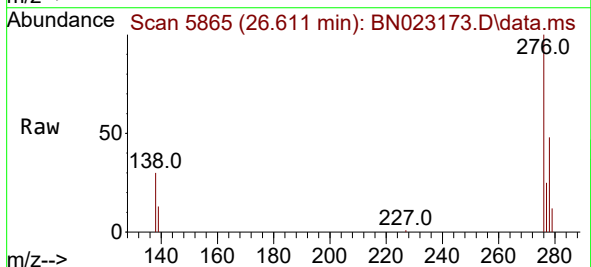
Instrument :
BNA_N
ClientSampleId :
SSTD0.4347

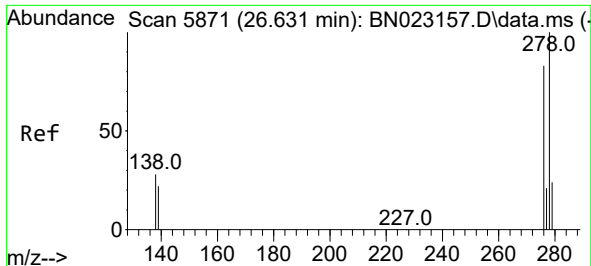
Tgt Ion:252 Resp: 37391
Ion Ratio Lower Upper
252 100
253 25.2 19.7 29.5
125 27.6 13.7 20.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.499 ng/ul
RT: 26.611 min Scan# 5865
Delta R.T. 0.001 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

Tgt Ion:276 Resp: 49358
Ion Ratio Lower Upper
276 100
138 32.7 0.0 0.0#
227 0.1 0.0 0.0#

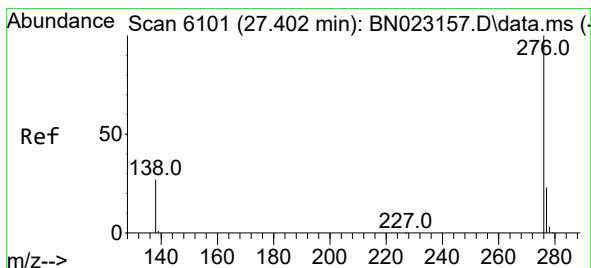
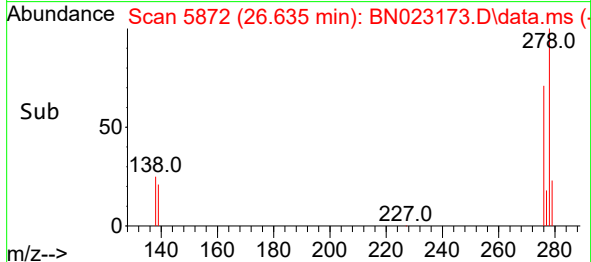
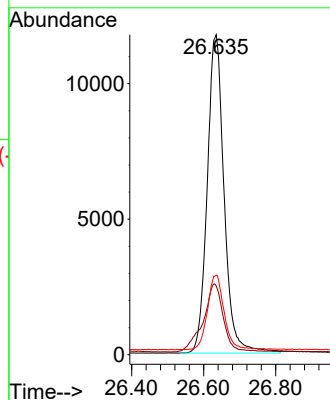
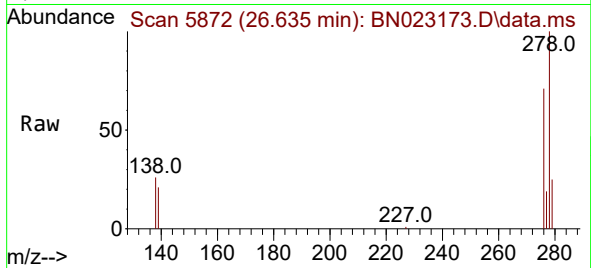




#28
Dibenzo(a,h)anthracene
Concen: 0.487 ng/ul
RT: 26.635 min Scan# 5871
Delta R.T. 0.004 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.4347

Tgt Ion:278 Resp: 38248
Ion Ratio Lower Upper
278 100
139 21.5 18.3 27.5
279 24.9 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.436 ng/ul
RT: 27.403 min Scan# 6101
Delta R.T. 0.001 min
Lab File: BN023173.D
Acq: 13 Dec 2022 20:47

Tgt Ion:276 Resp: 37570
Ion Ratio Lower Upper
276 100
138 27.0 22.1 33.1
277 24.4 19.4 29.2

