

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
 Data File : BN023157.D
 Acq On : 13 Dec 2022 10:21
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4346

Quant Time: Dec 13 23:58:08 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

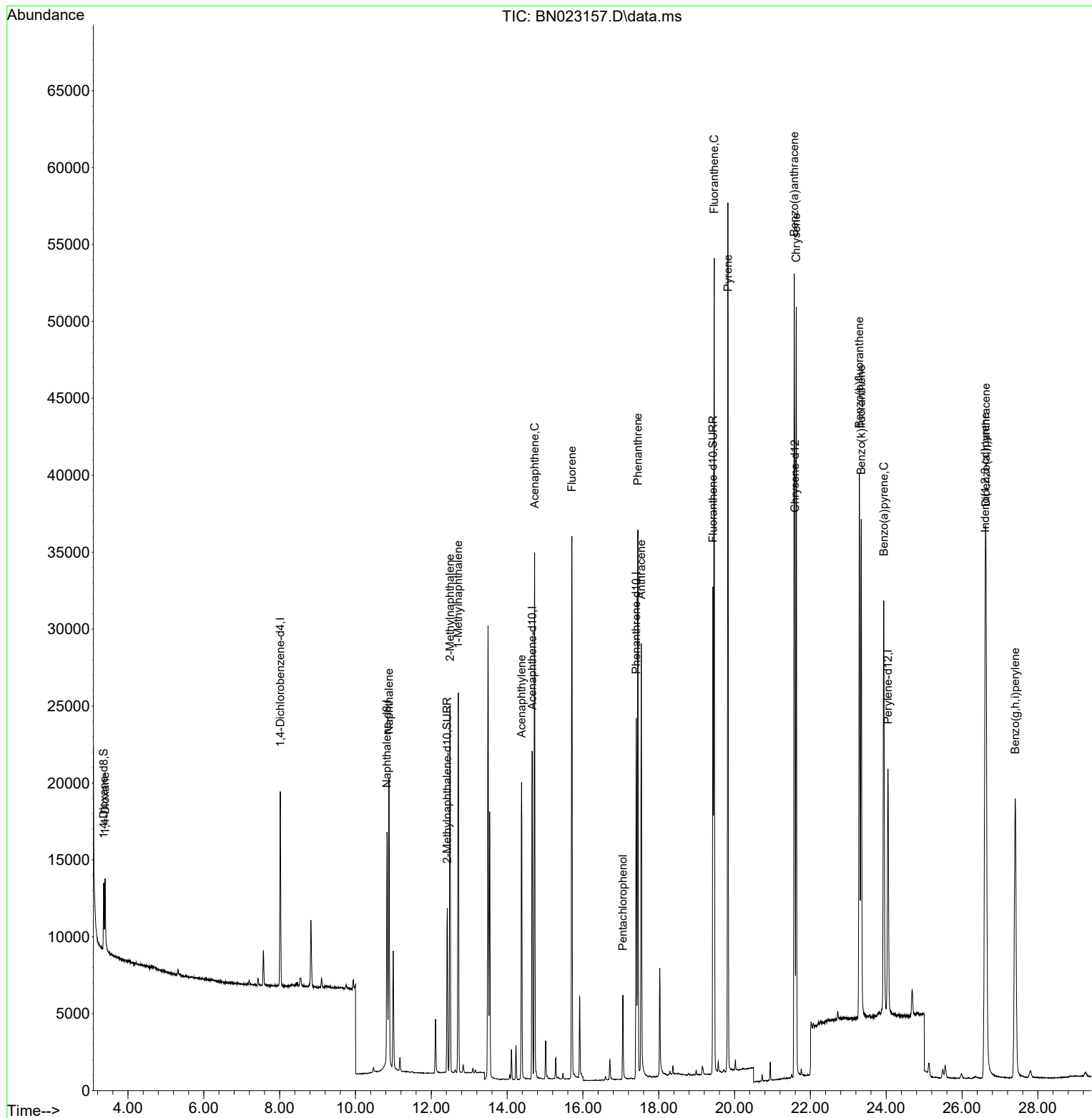
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	6255	0.400	ng/ul	0.00
4) Naphthalene-d8	10.832	136	19473	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.664	164	11524	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.407	188	26318	0.400	ng/ul	0.00
17) Chrysene-d12	21.589	240	24349	0.400	ng/ul	0.00
23) Perylene-d12	24.045	264	22115	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	3179	0.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.421	152	13099	0.441	ng/ul	0.00
18) Fluoranthene-d10	19.429	212	32349	0.360	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.395	88	3188	0.407	ng/ul#	1
5) Naphthalene	10.881	128	30559	0.517	ng/ul	100
7) 2-Methylnaphthalene	12.492	142	15960	0.432	ng/ul	99
8) 1-Methylnaphthalene	12.712	142	16385	0.436	ng/ul	100
10) Acenaphthylene	14.381	152	21648	0.381	ng/ul	100
11) Acenaphthene	14.724	153	18305	0.407	ng/ul	99
12) Fluorene	15.709	166	22380	0.439	ng/ul	98
14) Pentachlorophenol	17.052	266	3648	0.663	ng/ul#	100
15) Phenanthrene	17.449	178	37341	0.413	ng/ul	100
16) Anthracene	17.538	178	31232	0.403	ng/ul	100
19) Fluoranthene	19.462	202	43176	0.343	ng/ul	98
20) Pyrene	19.824	202	45522	0.369	ng/ul	97
21) Benzo(a)anthracene	21.572	228	41209	0.443	ng/ul	100
22) Chrysene	21.627	228	41994	0.411	ng/ul	99
24) Benzo(b)fluoranthene	23.291	252	44762	0.399	ng/ul	96
25) Benzo(k)fluoranthene	23.340	252	42604	0.360	ng/ul	99
26) Benzo(a)pyrene	23.934	252	39163	0.459	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.610	276	51432	0.507	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.631	278	39916	0.495	ng/ul	99
29) Benzo(g,h,i)perylene	27.402	276	40342	0.456	ng/ul	99

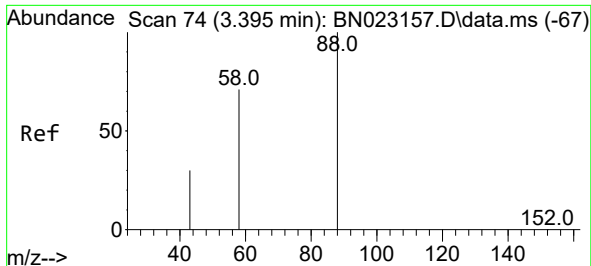
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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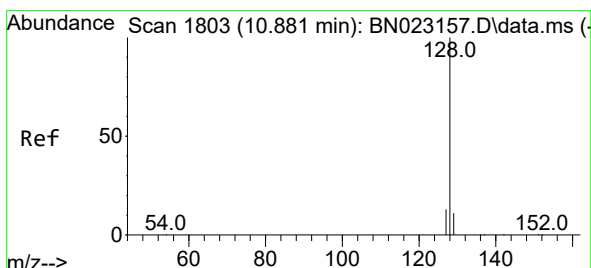
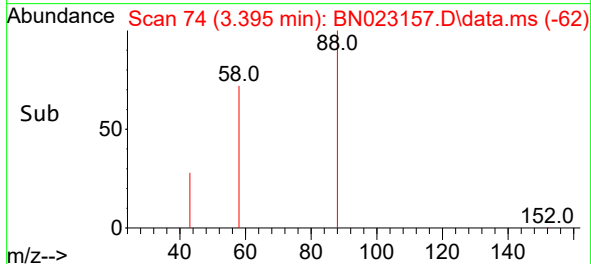
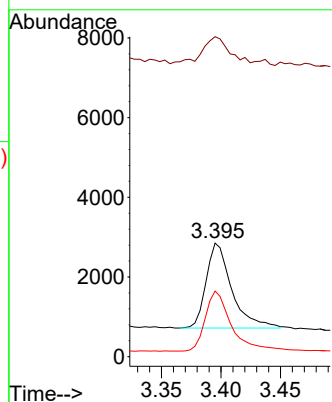
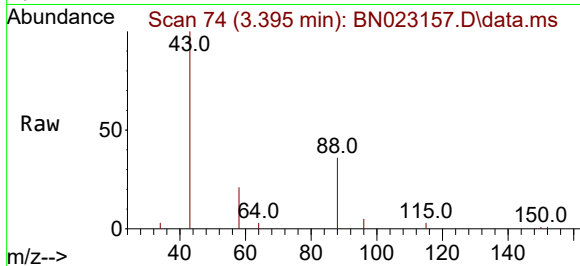




#2
1,4-Dioxane
Concen: 0.407 ng/ul
RT: 3.395 min Scan# 74
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

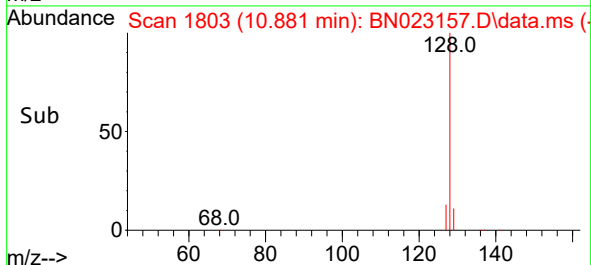
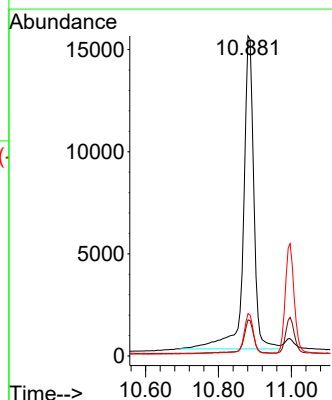
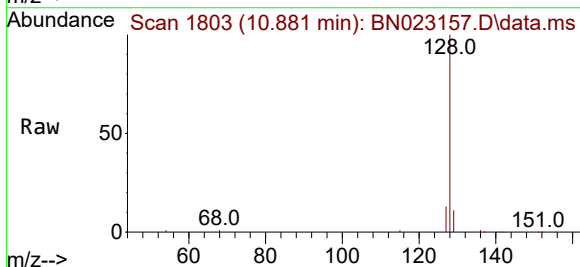
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ClientSampleId :
SSTD0.4346

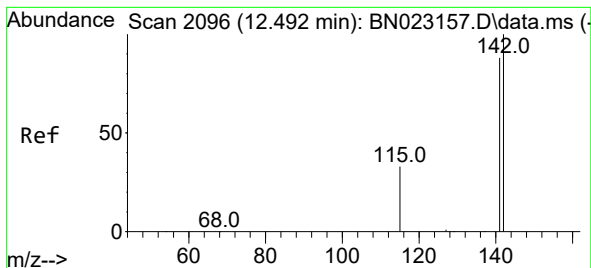
Tgt Ion: 88 Resp: 3188
Ion Ratio Lower Upper
88 100
43 281.6 26.2 39.4#
58 57.8 47.6 71.4



#5
Naphthalene
Concen: 0.517 ng/ul
RT: 10.881 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

Tgt Ion: 128 Resp: 30559
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.2 10.6 16.0

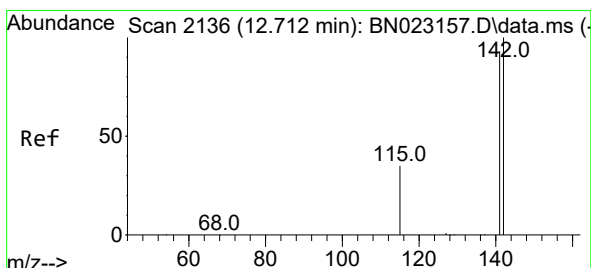
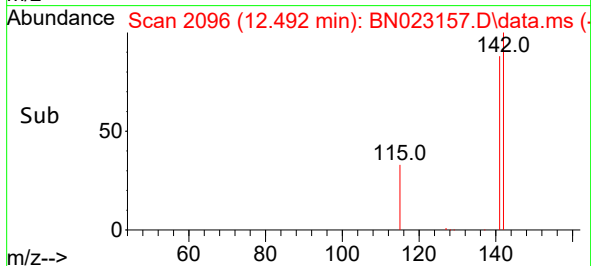
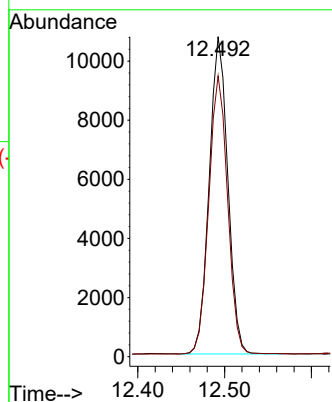
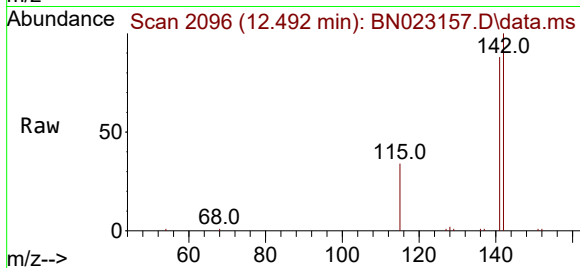




#7
2-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.492 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

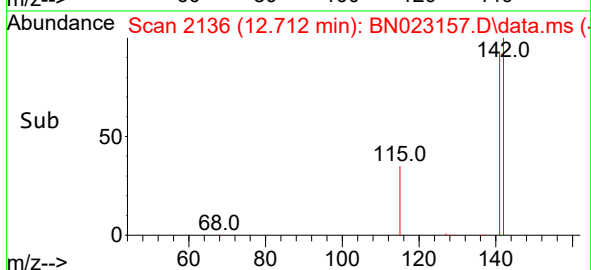
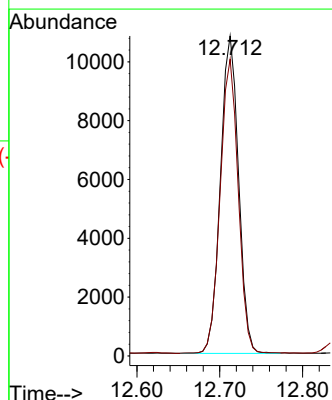
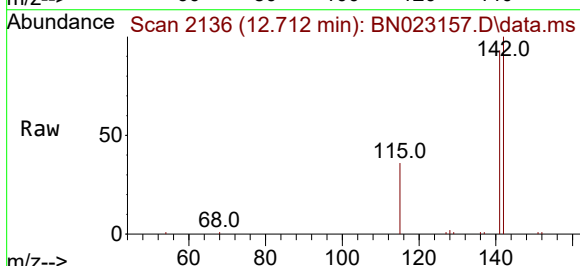
Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

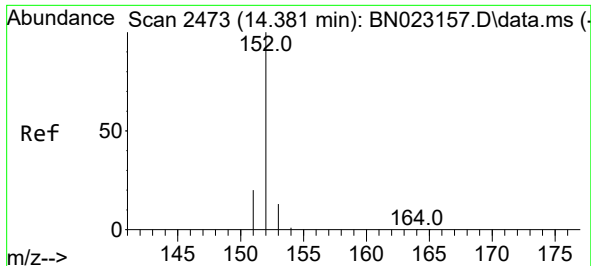
Tgt Ion:142 Resp: 15960
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.436 ng/ul
RT: 12.712 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

Tgt Ion:142 Resp: 16385
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6

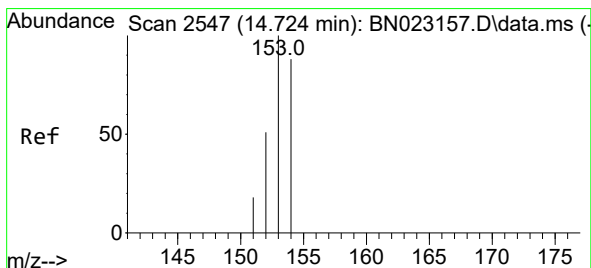
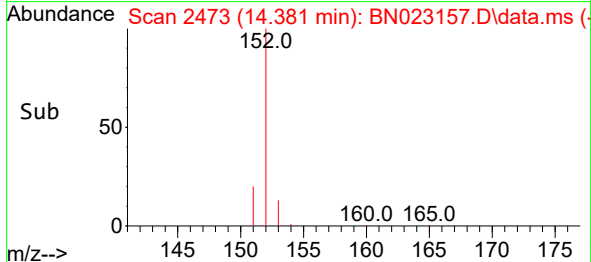
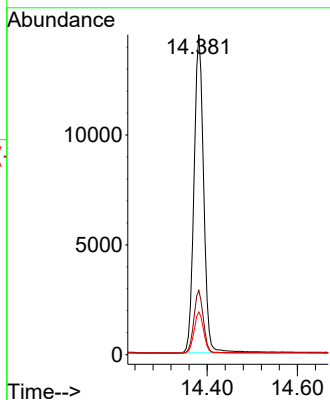
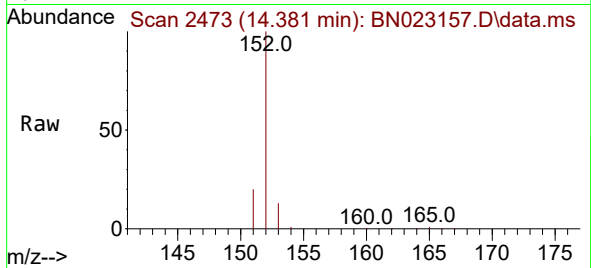




#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 14.381 min Scan# 2473
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

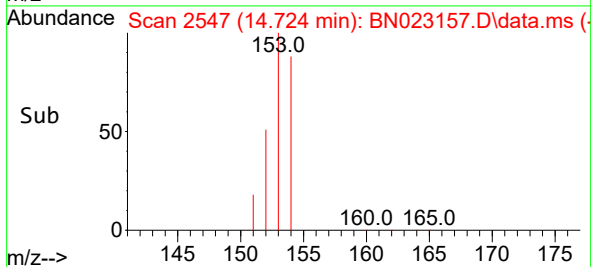
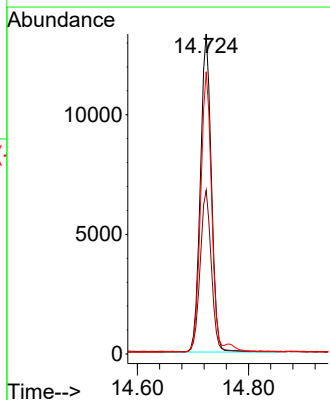
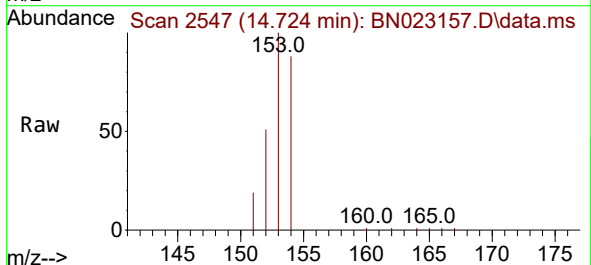
Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

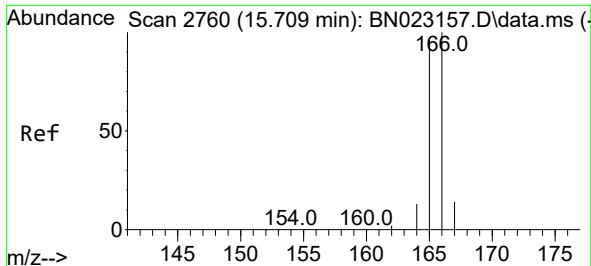
Tgt Ion:152 Resp: 21648
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.4 10.5 15.7



#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.724 min Scan# 2547
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

Tgt Ion:153 Resp: 18305
Ion Ratio Lower Upper
153 100
152 51.2 41.8 62.8
154 88.2 71.3 106.9

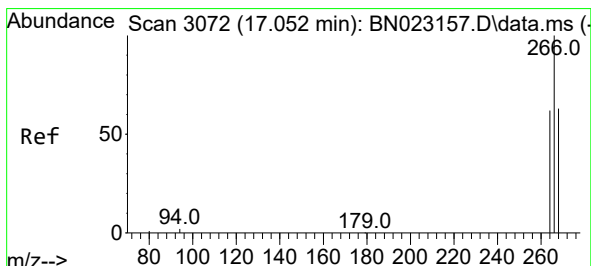
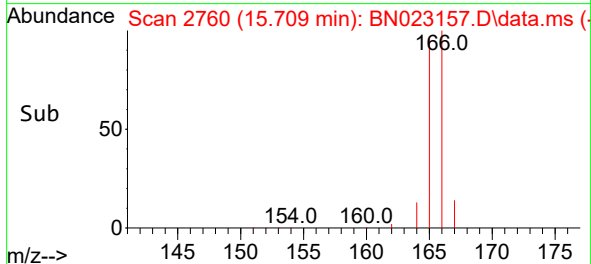
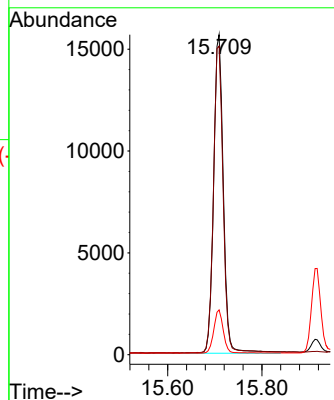
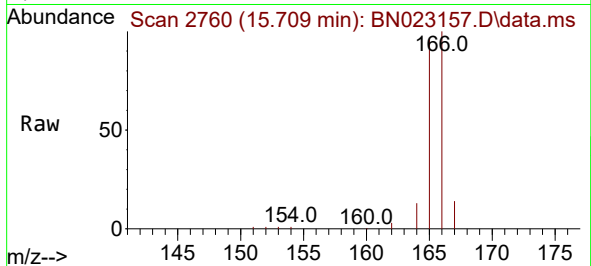




#12
Fluorene
Concen: 0.439 ng/ul
RT: 15.709 min Scan# 2760
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

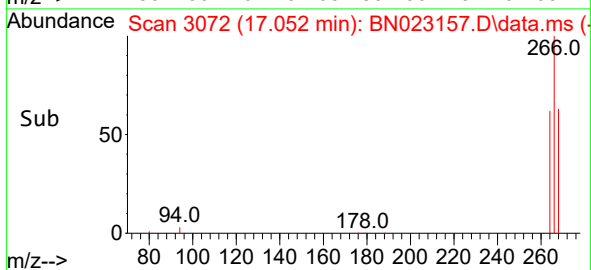
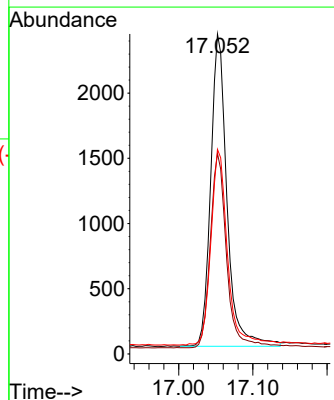
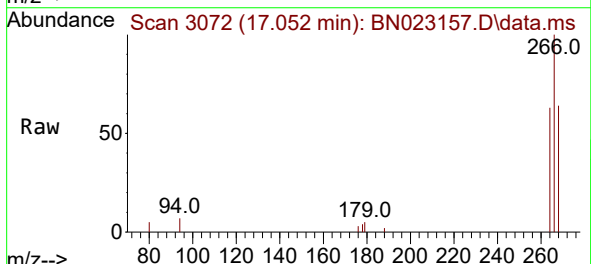
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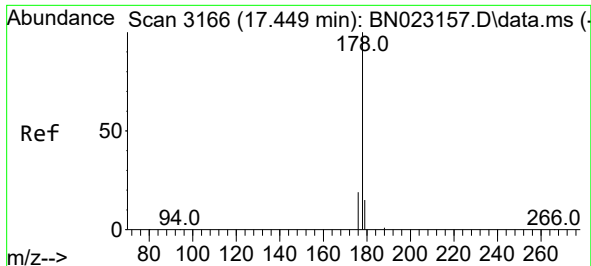
Tgt Ion:166 Resp: 22380
Ion Ratio Lower Upper
166 100
165 96.4 78.7 118.1
167 14.0 10.8 16.2



#14
Pentachlorophenol
Concen: 0.663 ng/ul
RT: 17.052 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

Tgt Ion:266 Resp: 3648
Ion Ratio Lower Upper
266 100
264 62.4 0.0 0.0#
268 63.8 0.0 0.0#

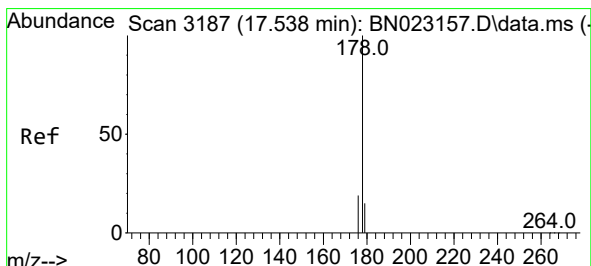
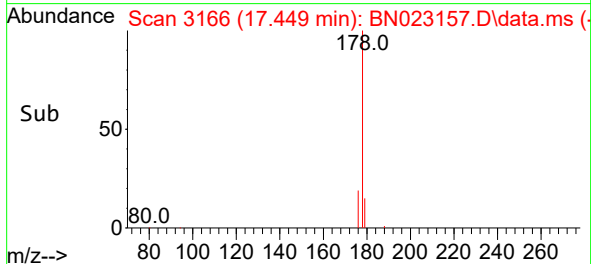
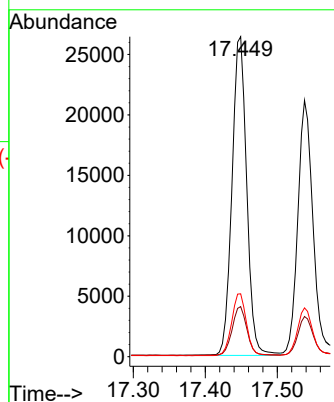
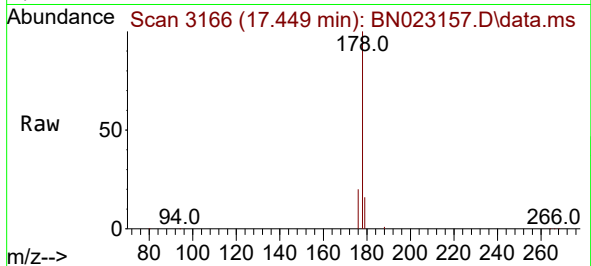




#15
Phenanthrene
Concen: 0.413 ng/ul
RT: 17.449 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

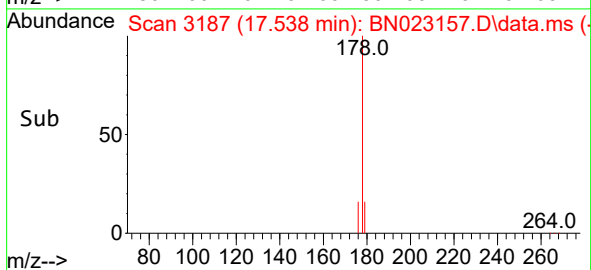
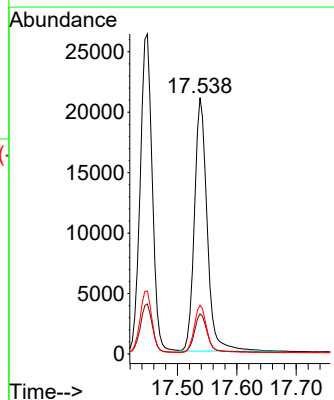
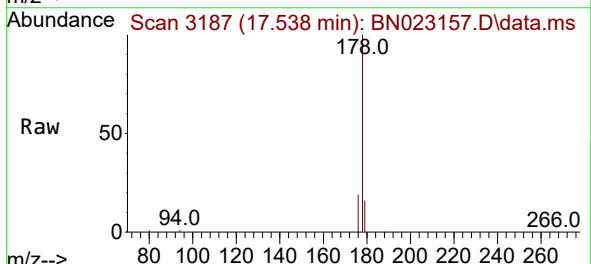
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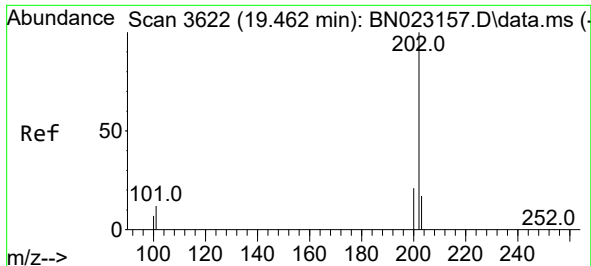
Tgt Ion:178 Resp: 37341
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.6 15.9 23.9



#16
Anthracene
Concen: 0.403 ng/ul
RT: 17.538 min Scan# 3187
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

Tgt Ion:178 Resp: 31232
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.0 15.3 22.9

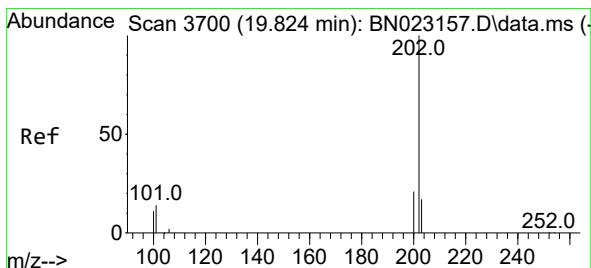
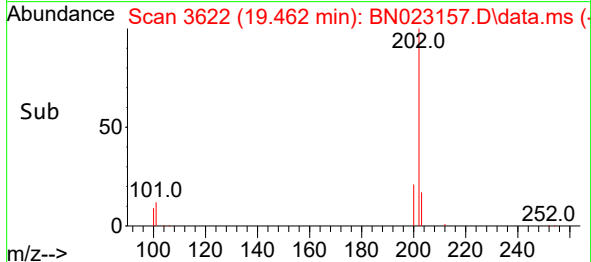
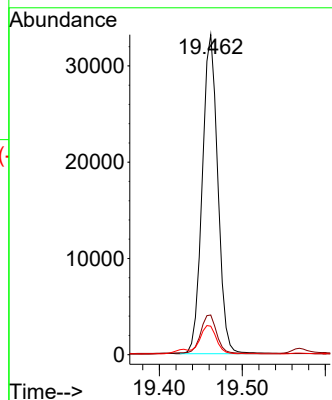
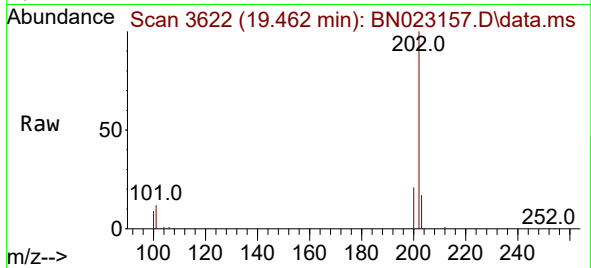




#19
Fluoranthene
Concen: 0.343 ng/ul
RT: 19.462 min Scan# 3622
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

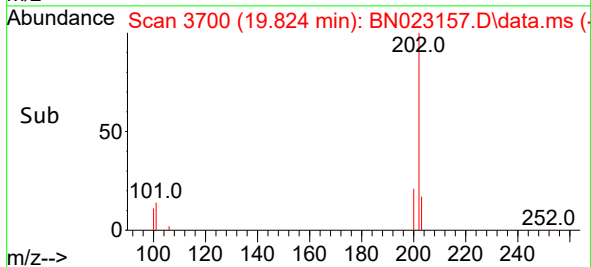
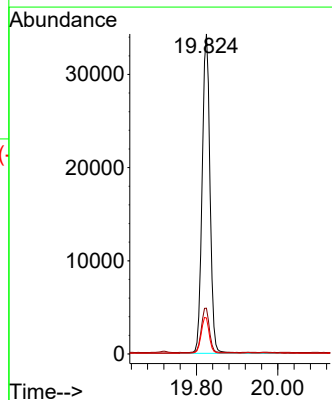
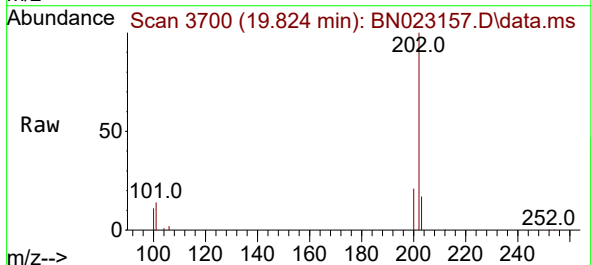
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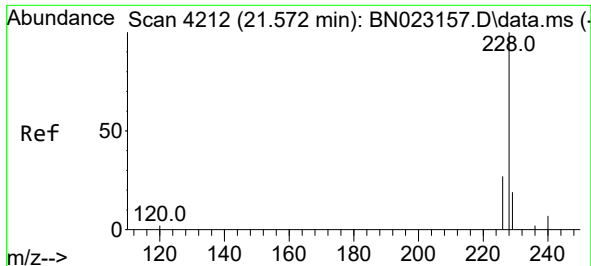
Tgt Ion:202 Resp: 43176
Ion Ratio Lower Upper
202 100
101 12.4 9.2 13.8
100 8.9 6.9 10.3



#20
Pyrene
Concen: 0.369 ng/ul
RT: 19.824 min Scan# 3700
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

Tgt Ion:202 Resp: 45522
Ion Ratio Lower Upper
202 100
101 14.3 10.6 16.0
100 11.2 8.2 12.4

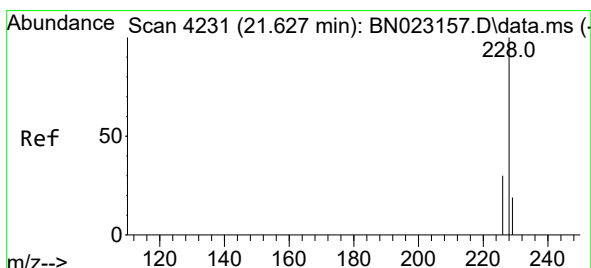
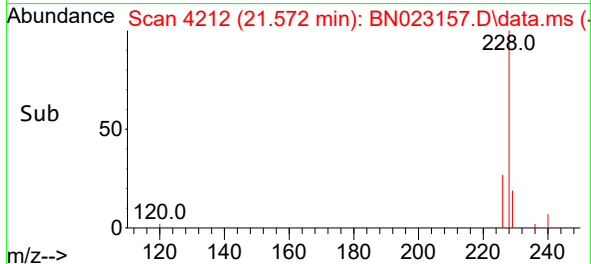
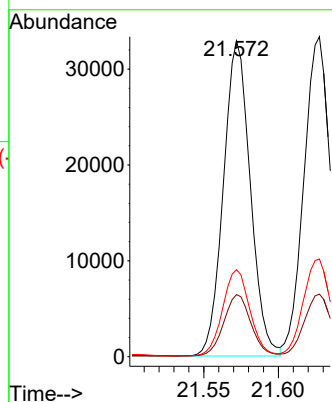
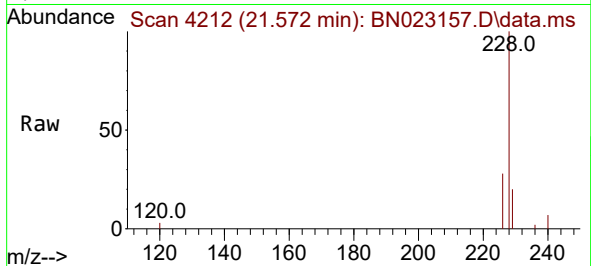




#21
Benzo(a)anthracene
Concen: 0.443 ng/ul
RT: 21.572 min Scan# 4212
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

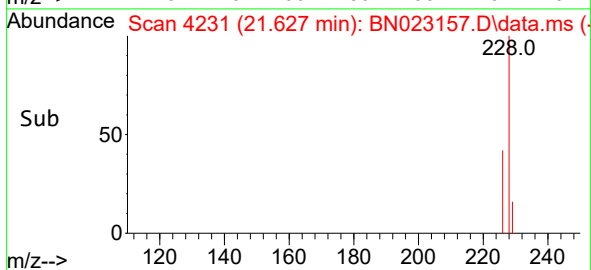
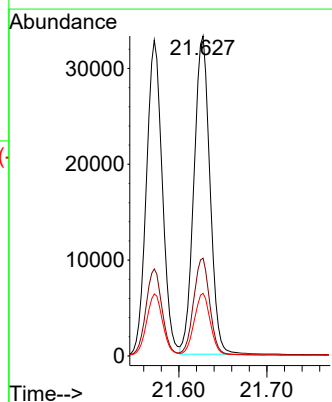
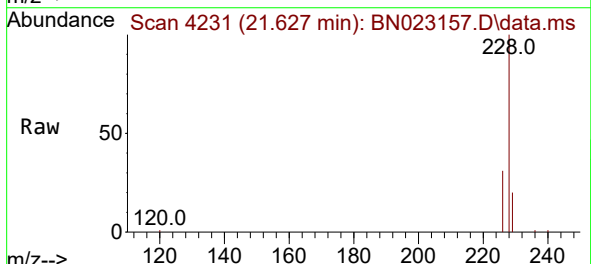
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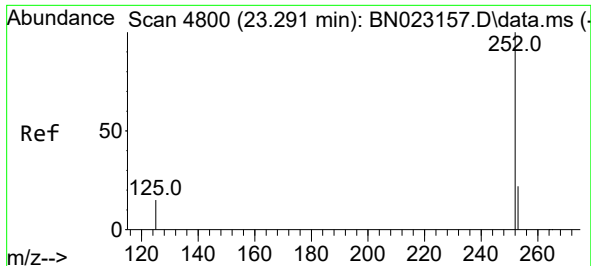
Tgt Ion:228 Resp: 41209
Ion Ratio Lower Upper
228 100
229 19.7 15.5 23.3
226 27.6 22.2 33.4



#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.627 min Scan# 4231
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

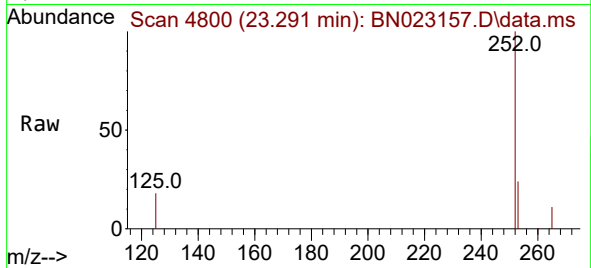
Tgt Ion:228 Resp: 41994
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.5 15.8 23.8



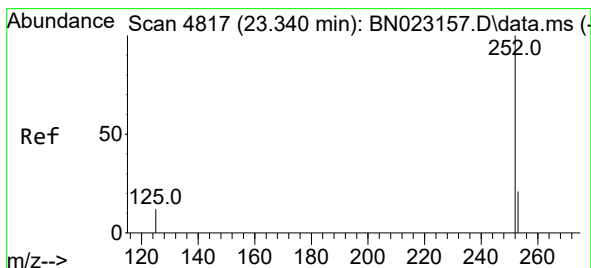
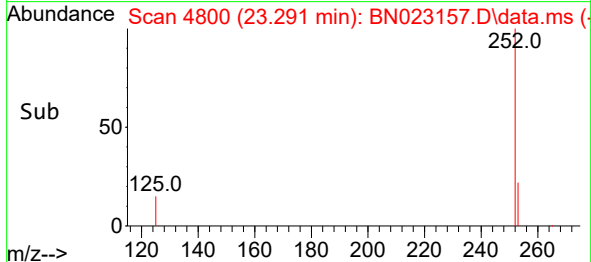
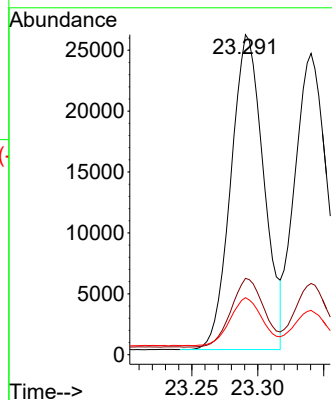


#24
Benzo(b)fluoranthene
Concen: 0.399 ng/ul
RT: 23.291 min Scan# 4800
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

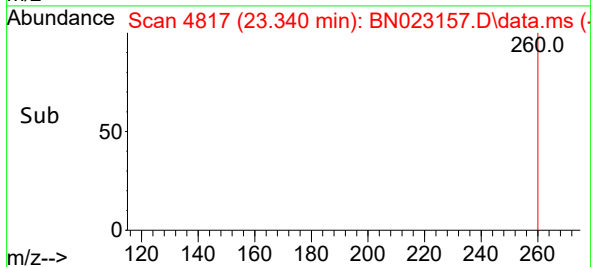
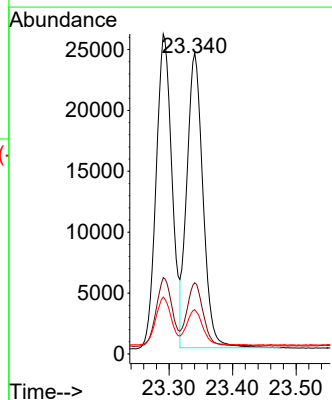
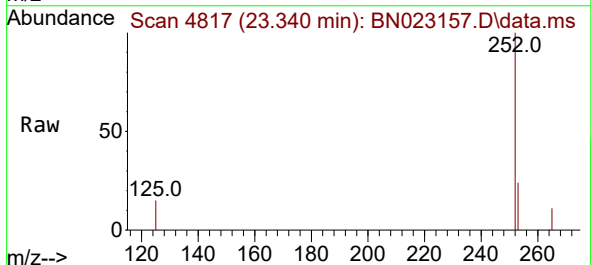


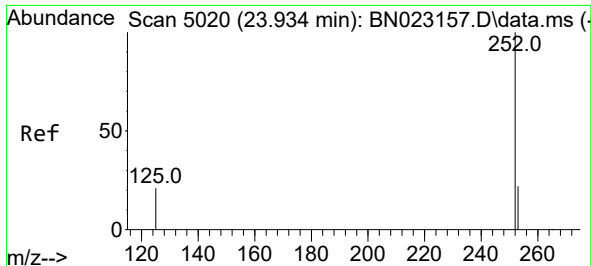
Tgt Ion:252 Resp: 44762
Ion Ratio Lower Upper
252 100
253 23.9 0.0 46.0
125 17.8 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul
RT: 23.340 min Scan# 4817
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

Tgt Ion:252 Resp: 42604
Ion Ratio Lower Upper
252 100
253 23.6 18.7 28.1
125 14.7 11.3 16.9

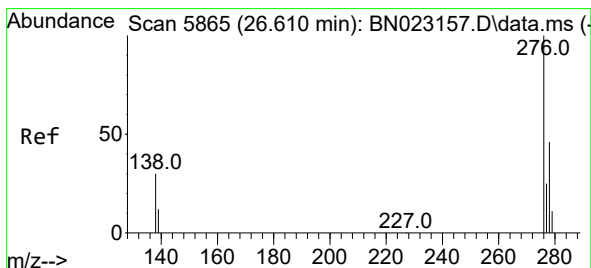
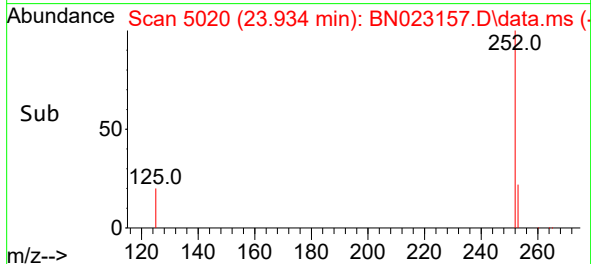
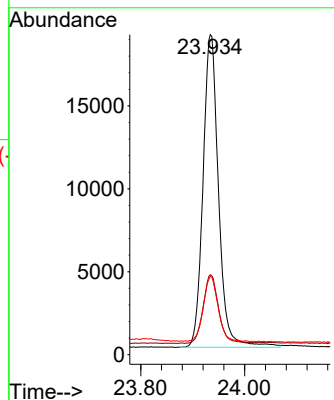
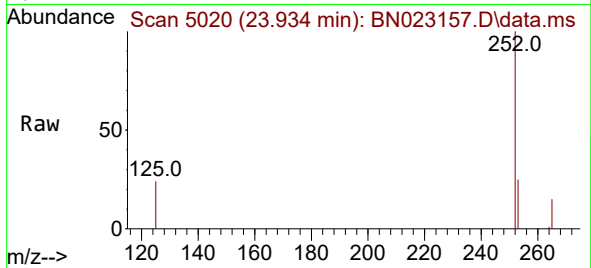




#26
Benzo(a)pyrene
Concen: 0.459 ng/ul
RT: 23.934 min Scan# 5020
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

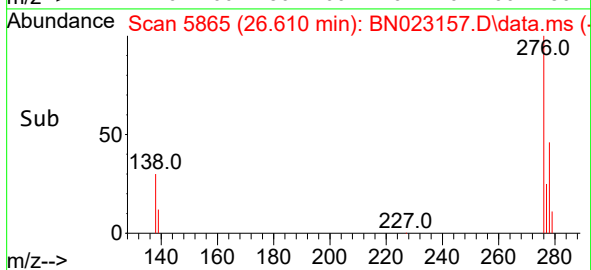
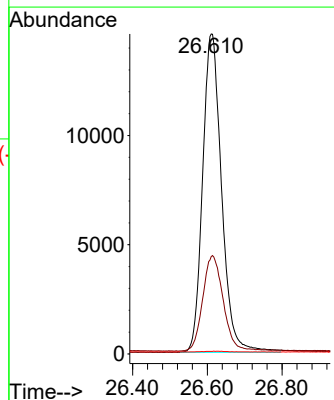
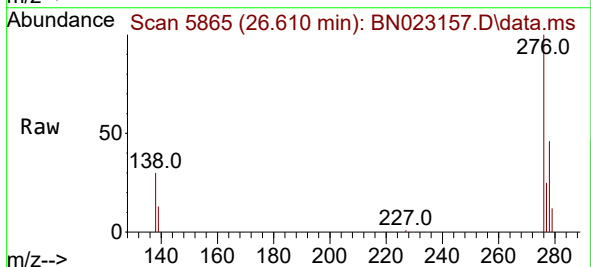
Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

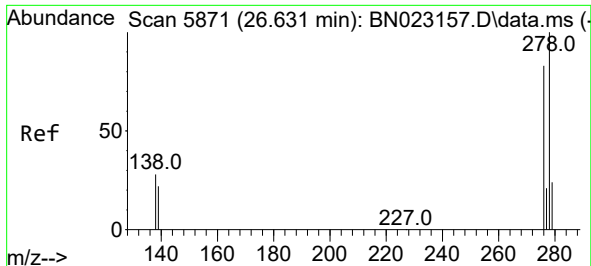
Tgt Ion:252 Resp: 39163
Ion Ratio Lower Upper
252 100
253 25.0 19.7 29.5
125 24.5 13.7 20.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.507 ng/ul
RT: 26.610 min Scan# 5865
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

Tgt Ion:276 Resp: 51432
Ion Ratio Lower Upper
276 100
138 32.4 0.0 0.0#
227 0.1 0.0 0.0#

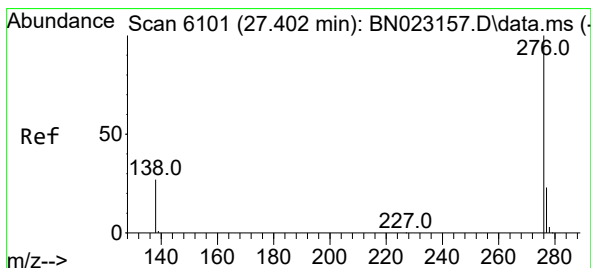
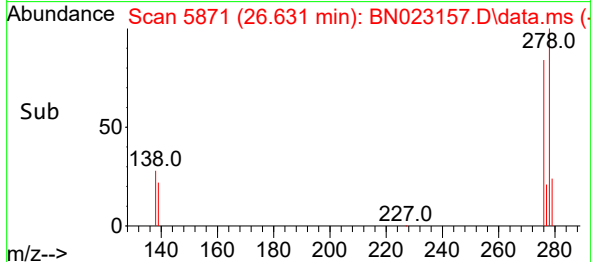
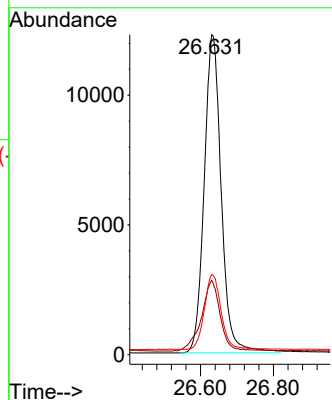
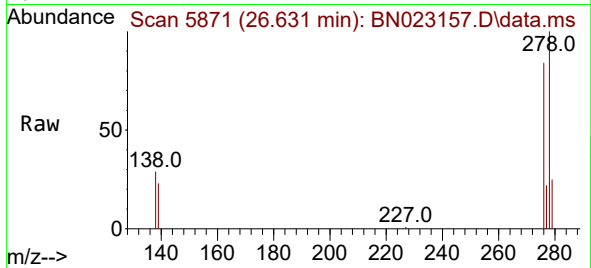




#28
Dibenzo(a,h)anthracene
Concen: 0.495 ng/ul
RT: 26.631 min Scan# 5871
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4346

Tgt Ion:278 Resp: 39916
Ion Ratio Lower Upper
278 100
139 23.2 18.3 27.5
279 25.1 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.456 ng/ul
RT: 27.402 min Scan# 6101
Delta R.T. 0.000 min
Lab File: BN023157.D
Acq: 13 Dec 2022 10:21

Tgt Ion:276 Resp: 40342
Ion Ratio Lower Upper
276 100
138 28.4 22.1 33.1
277 24.0 19.4 29.2

