

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081522\
 Data File : BN021230.D
 Acq On : 15 Aug 2022 11:07
 Operator : CG/JU
 Sample : PB146961BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS961

Quant Time: Aug 15 11:57:34 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 04:02:44 2022
 Response via : Initial Calibration

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

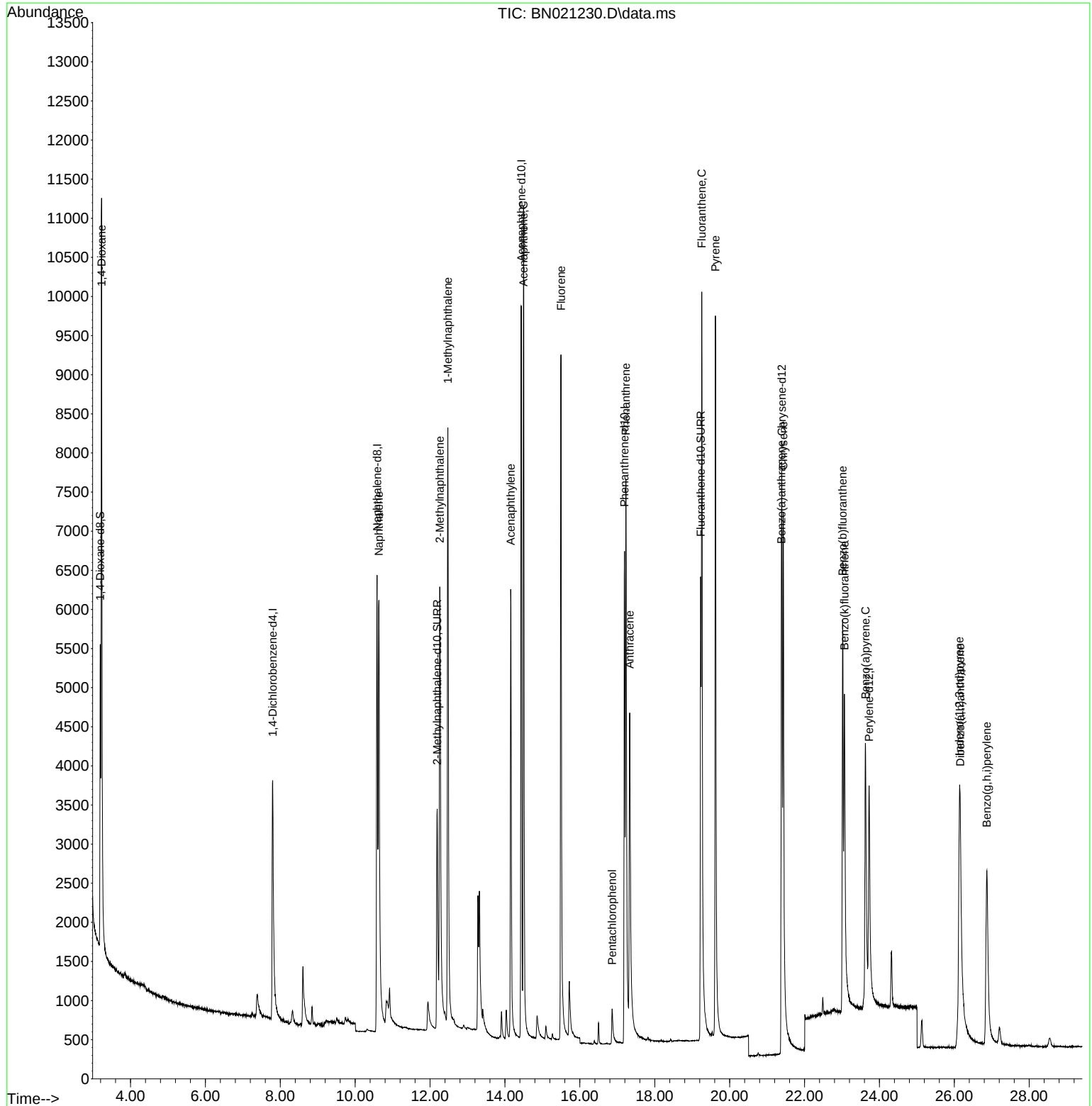
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2882	0.400	ng/u1	0.00
4) Naphthalene-d8	10.584	136	10542	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.437	164	5902	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.191	188	8984	0.400	ng/u1	0.00
17) Chrysene-d12	21.395	240	5717	0.400	ng/u1	0.00
23) Perylene-d12	23.725	264	4602	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	2577	0.699	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.190	152	5252	0.340	ng/u1	0.00
18) Fluoranthene-d10	19.229	212	8228	0.466	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	6460	1.701	ng/u1	87
5) Naphthalene	10.633	128	10193	0.315	ng/u1	99
7) 2-Methylnaphthalene	12.261	142	5974	0.304	ng/u1	99
8) 1-Methylnaphthalene	12.476	142	6583	0.335	ng/u1	100
10) Acenaphthylene	14.155	152	8366	0.303	ng/u1	99
11) Acenaphthene	14.497	153	7088	0.311	ng/u1	99
12) Fluorene	15.496	166	7486	0.300	ng/u1	100
14) Pentachlorophenol	16.862	266	514	0.371	ng/u1	99
15) Phenanthrene	17.229	178	9766	0.304	ng/u1	100
16) Anthracene	17.331	178	7356	0.295	ng/u1	99
19) Fluoranthene	19.257	202	10113	0.400	ng/u1	99
20) Pyrene	19.620	202	10495	0.402	ng/u1	95
21) Benzo(a)anthracene	21.381	228	5519	0.296	ng/u1	100
22) Chrysene	21.433	228	7614	0.310	ng/u1	100
24) Benzo(b)fluoranthene	23.017	252	6797	0.319	ng/u1	91
25) Benzo(k)fluoranthene	23.064	252	7279	0.324	ng/u1	96
26) Benzo(a)pyrene	23.625	252	6477	0.333	ng/u1#	73
27) Indeno(1,2,3-cd)pyrene	26.136	276	6857	0.295	ng/u1#	95
28) Dibenzo(a,h)anthracene	26.159	278	5079	0.277	ng/u1	94
29) Benzo(g,h,i)perylene	26.867	276	6363	0.307	ng/u1	97

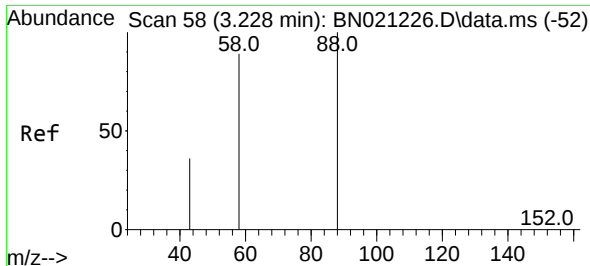
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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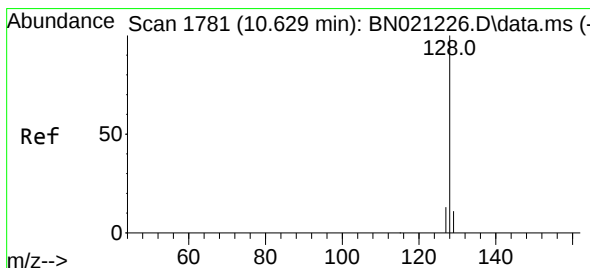
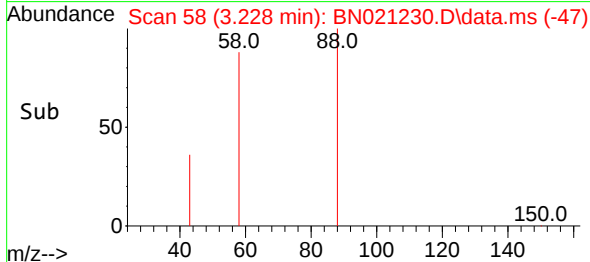
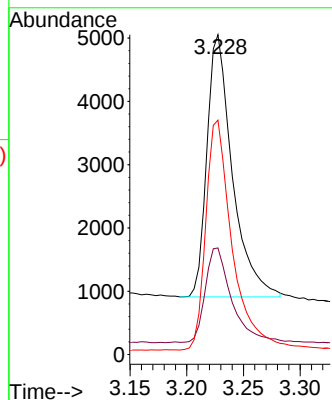
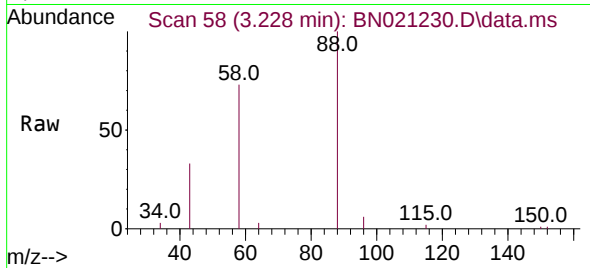




#2
 1,4-Dioxane
 Concen: 1.701 ng/ul
 RT: 3.228 min Scan# 58
 Delta R.T. -0.004 min
 Lab File: BN021230.D
 Acq: 15 Aug 2022 11:07

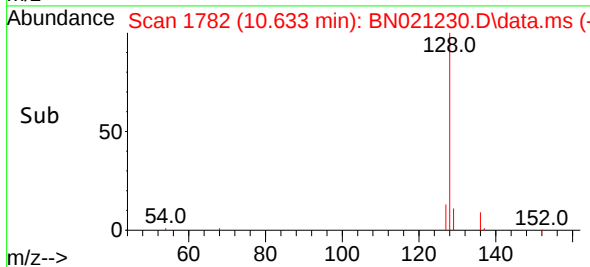
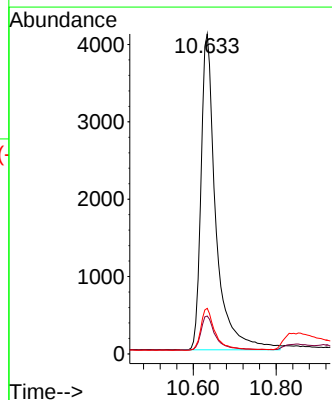
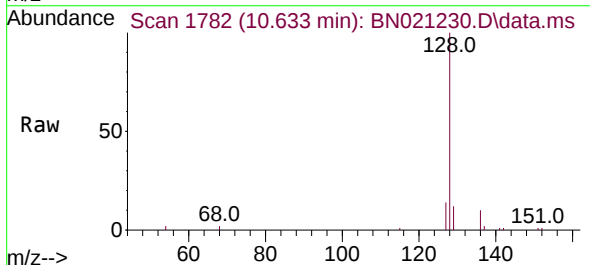
Instrument :
 BNA_N
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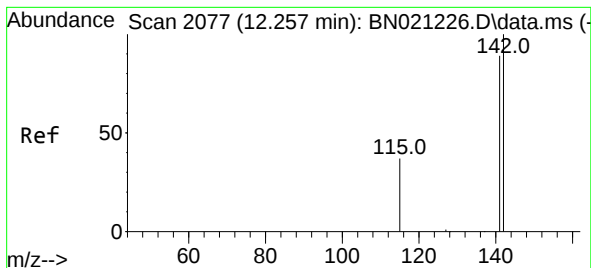
Tgt Ion: 88 Resp: 6460
 Ion Ratio Lower Upper
 88 100
 43 33.3 31.4 47.0
 58 73.3 49.0 73.6



#5
 Naphthalene
 Concen: 0.315 ng/ul
 RT: 10.633 min Scan# 1782
 Delta R.T. 0.004 min
 Lab File: BN021230.D
 Acq: 15 Aug 2022 11:07

Tgt Ion: 128 Resp: 10193
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.8 14.6
 127 14.2 11.6 17.4

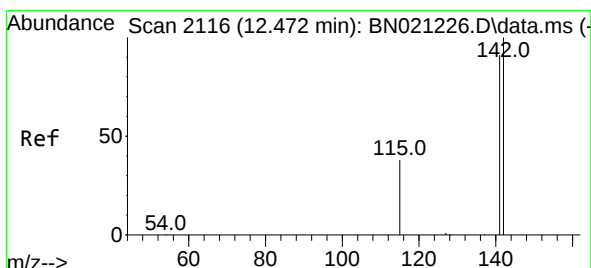
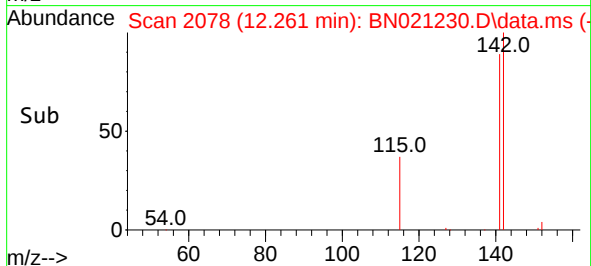
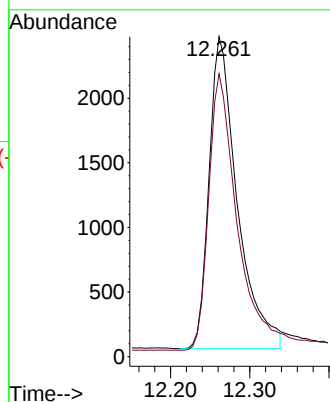
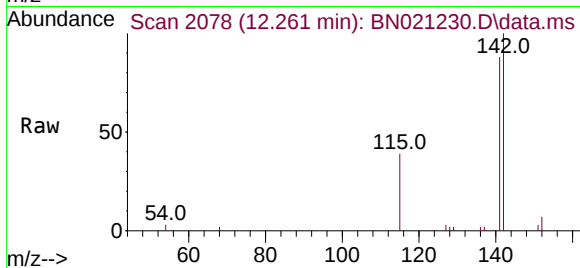




#7
2-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.261 min Scan# 2078
Delta R.T. 0.004 min
Lab File: BN021230.D
Acq: 15 Aug 2022 11:07

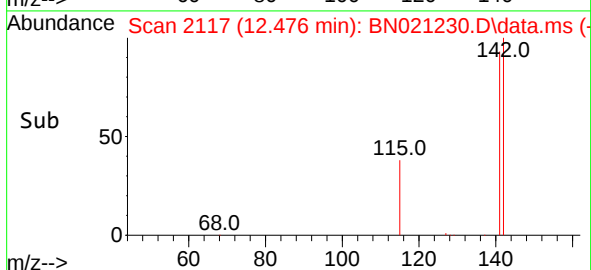
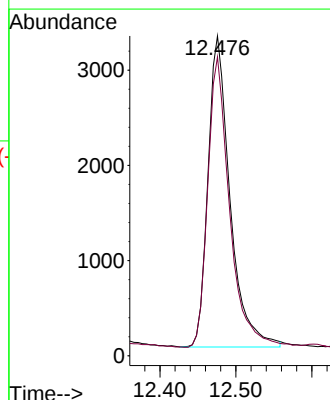
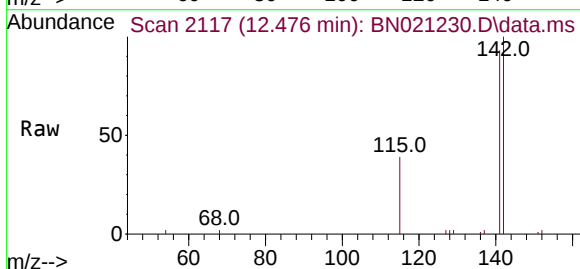
Instrument :
BNA_N
ClientSampleId :
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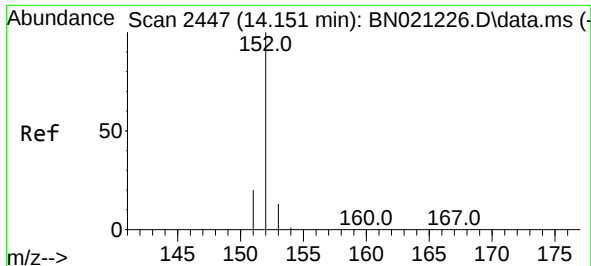
Tgt Ion:142 Resp: 5974
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.476 min Scan# 2117
Delta R.T. -0.001 min
Lab File: BN021230.D
Acq: 15 Aug 2022 11:07

Tgt Ion:142 Resp: 6583
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9

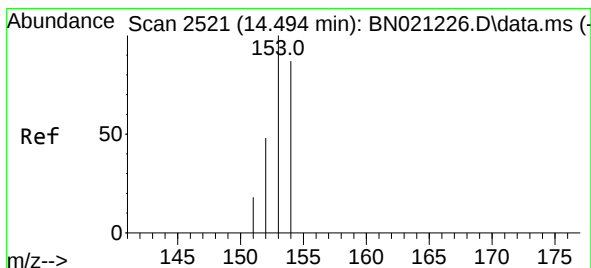
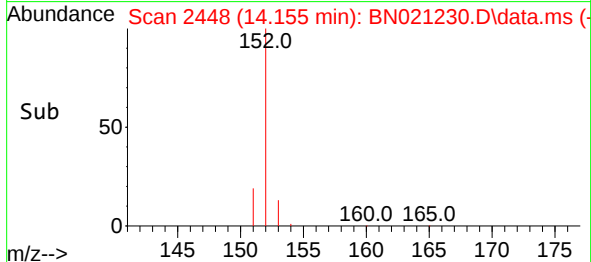
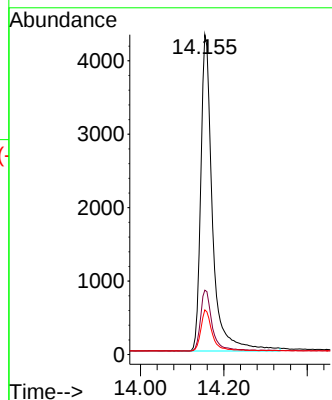
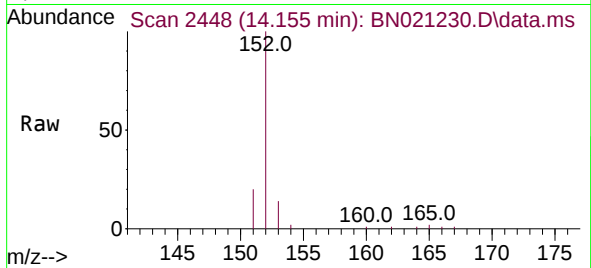




#10
Acenaphthylene
Concen: 0.303 ng/ul
RT: 14.155 min Scan# 2447
Delta R.T. -0.001 min
Lab File: BN021230.D
Acq: 15 Aug 2022 11:07

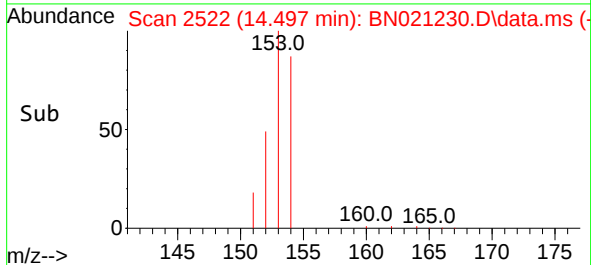
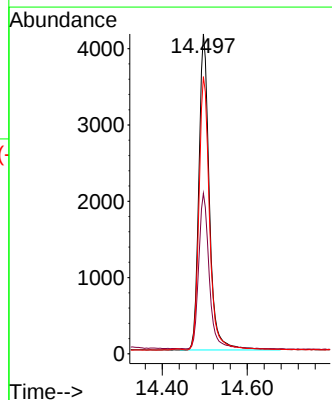
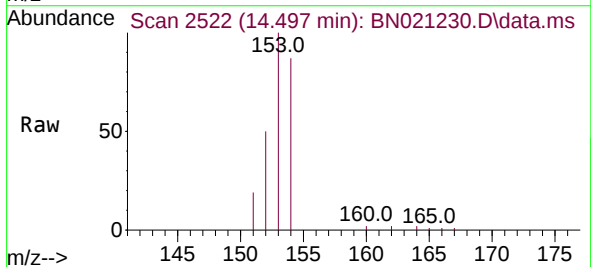
Instrument :
BNA_N
ClientSampleId :
SLCS961

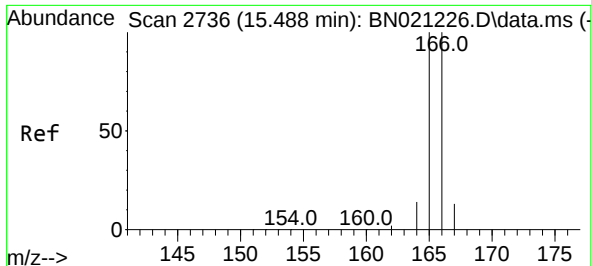
Tgt Ion:152 Resp: 8366
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.311 ng/ul
RT: 14.497 min Scan# 2522
Delta R.T. -0.001 min
Lab File: BN021230.D
Acq: 15 Aug 2022 11:07

Tgt Ion:153 Resp: 7088
Ion Ratio Lower Upper
153 100
152 50.2 40.2 60.4
154 86.6 70.7 106.1

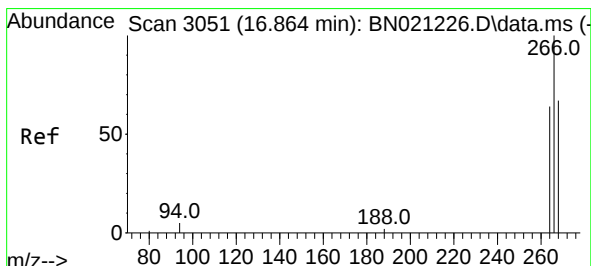
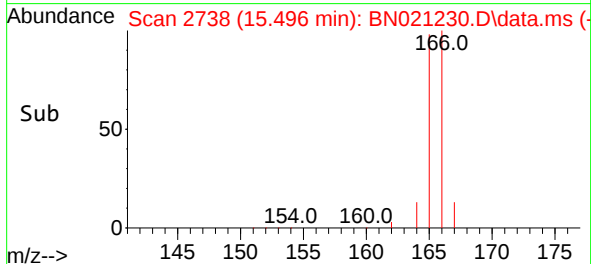
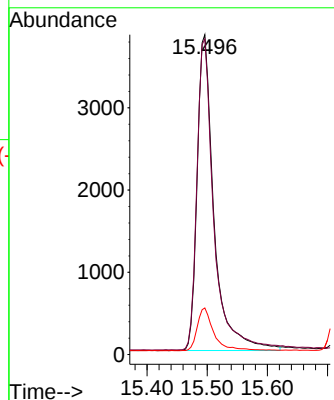
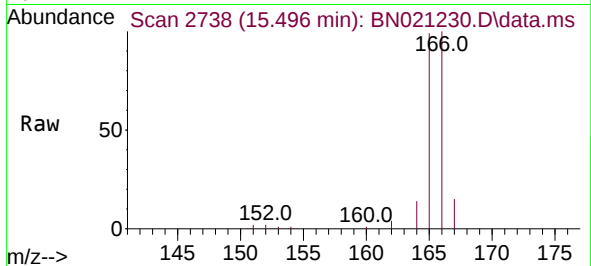




#12
Fluorene
Concen: 0.300 ng/ul
RT: 15.496 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN021230.D
Acq: 15 Aug 2022 11:07

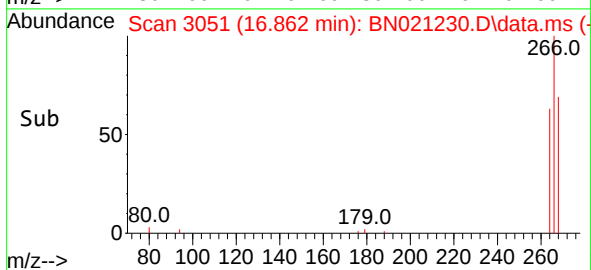
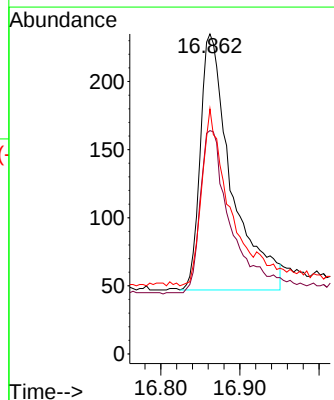
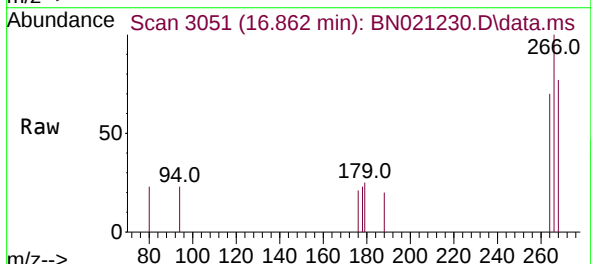
Instrument :
BNA_N
ClientSampleId :
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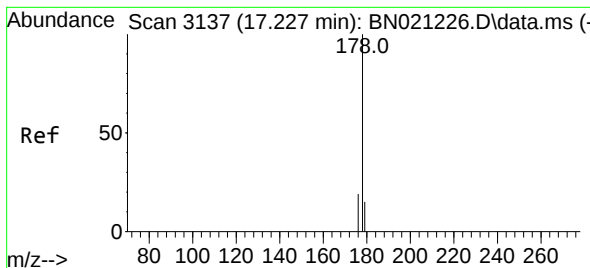
Tgt Ion:166 Resp: 7486
Ion Ratio Lower Upper
166 100
165 98.6 78.6 117.8
167 14.5 11.8 17.6



#14
Pentachlorophenol
Concen: 0.371 ng/ul
RT: 16.862 min Scan# 3051
Delta R.T. -0.001 min
Lab File: BN021230.D
Acq: 15 Aug 2022 11:07

Tgt Ion:266 Resp: 514
Ion Ratio Lower Upper
266 100
264 61.5 49.8 74.8
268 63.8 50.6 75.8





#15

Phenanthrene

Concen: 0.304 ng/u1

RT: 17.229 min Scan# 3137

Delta R.T. -0.001 min

Lab File: BN021230.D

Acq: 15 Aug 2022 11:07

Instrument :

BNA_N

ClientSampleId :

SLCS961

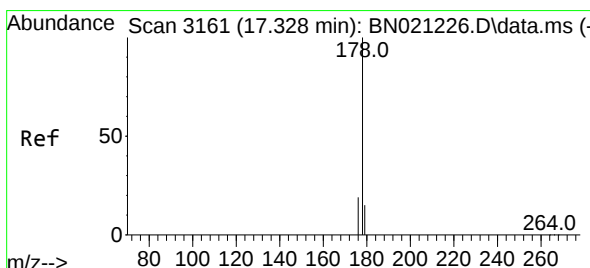
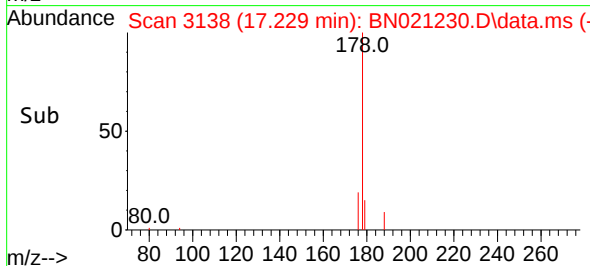
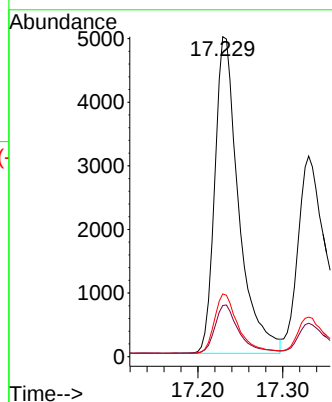
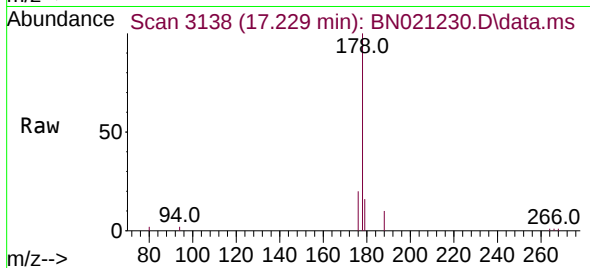
Tgt Ion:178 Resp: 9766

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 19.6 15.9 23.9



#16

Anthracene

Concen: 0.295 ng/u1

RT: 17.331 min Scan# 3162

Delta R.T. 0.003 min

Lab File: BN021230.D

Acq: 15 Aug 2022 11:07

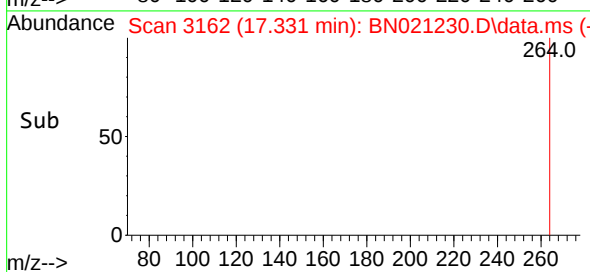
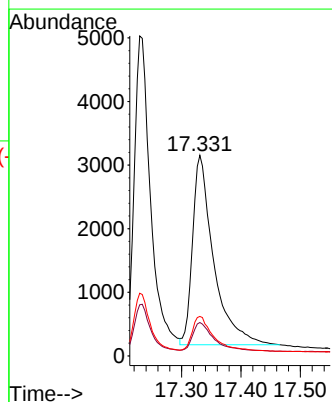
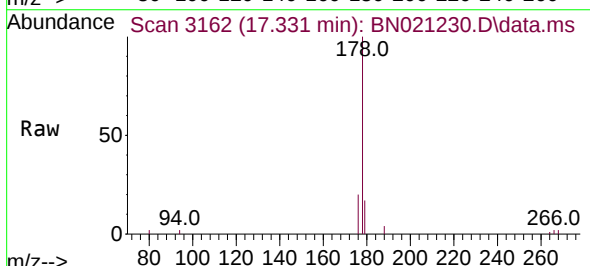
Tgt Ion:178 Resp: 7356

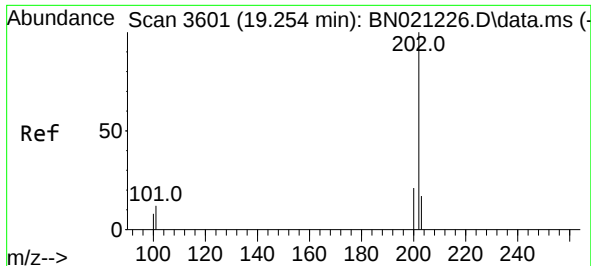
Ion Ratio Lower Upper

178 100

179 16.6 12.9 19.3

176 19.6 15.9 23.9

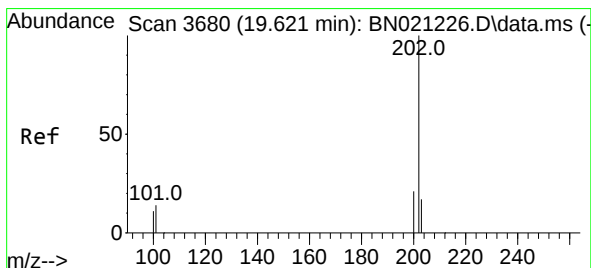
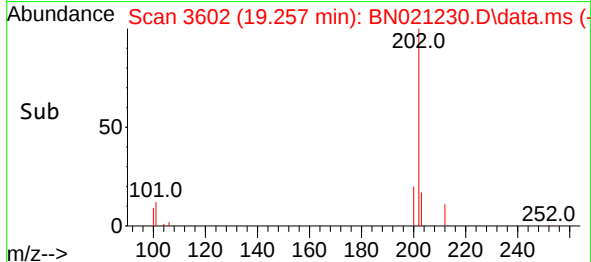
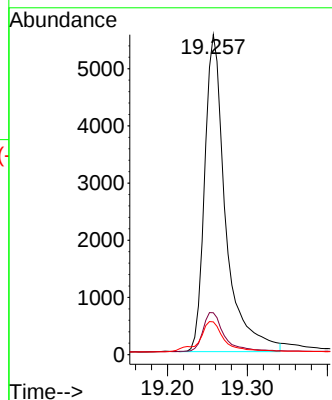
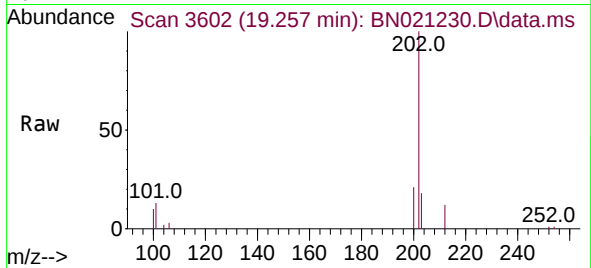




#19
Fluoranthene
Concen: 0.400 ng/ul
RT: 19.257 min Scan# 3602
Delta R.T. -0.001 min
Lab File: BN021230.D
Acq: 15 Aug 2022 11:07

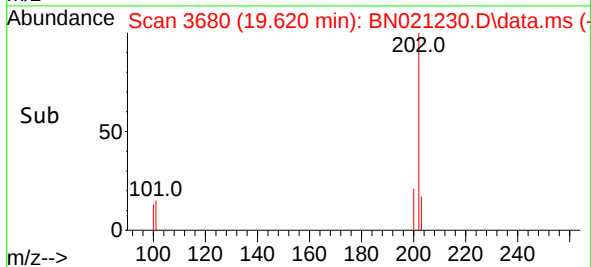
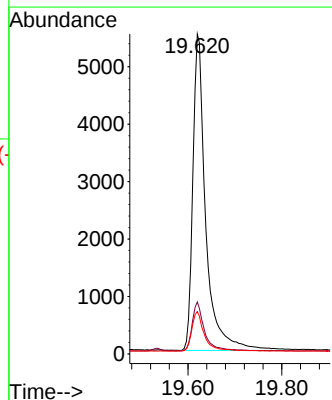
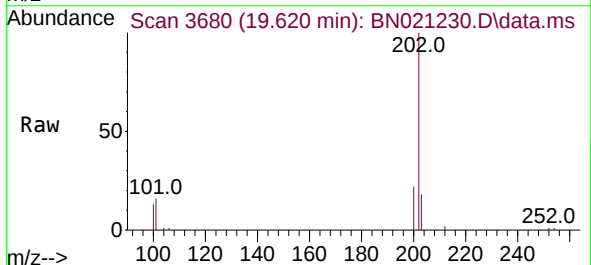
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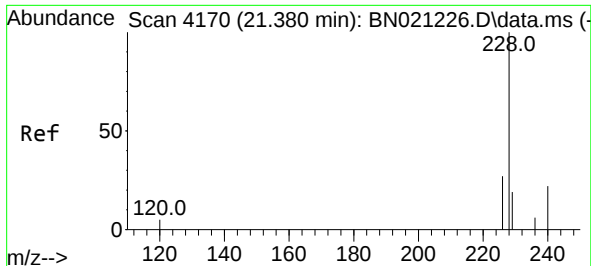
Tgt Ion:202 Resp: 10113
Ion Ratio Lower Upper
202 100
101 13.1 10.0 15.0
100 10.2 8.0 12.0



#20
Pyrene
Concen: 0.402 ng/ul
RT: 19.620 min Scan# 3680
Delta R.T. -0.001 min
Lab File: BN021230.D
Acq: 15 Aug 2022 11:07

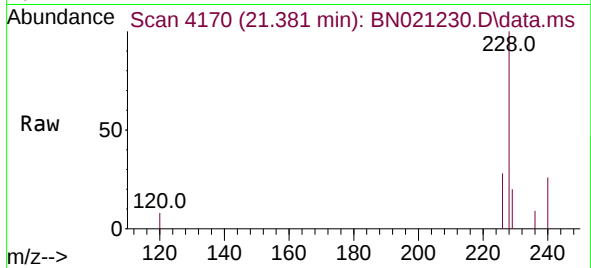
Tgt Ion:202 Resp: 10495
Ion Ratio Lower Upper
202 100
101 16.2 11.3 16.9
100 13.2 9.0 13.4



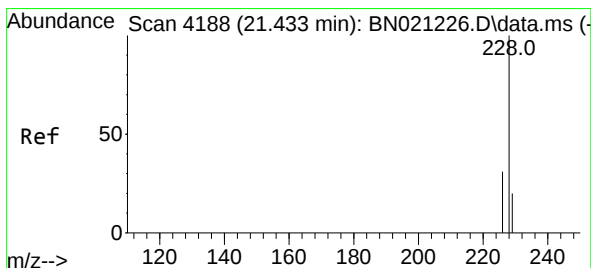
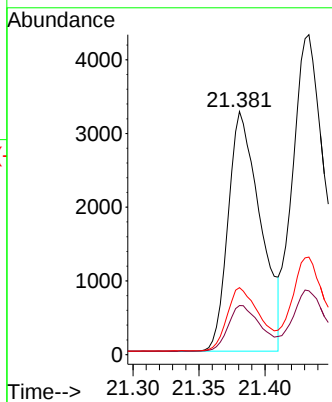
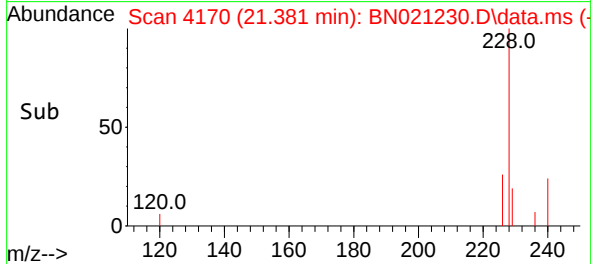


#21
Benzo(a)anthracene
Concen: 0.296 ng/ul
RT: 21.381 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BN021230.D
Acq: 15 Aug 2022 11:07

Instrument :
BNA_N
ClientSampleId :
SLCS961

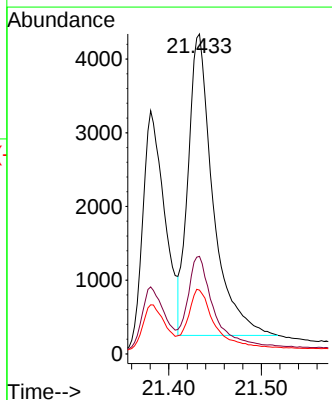
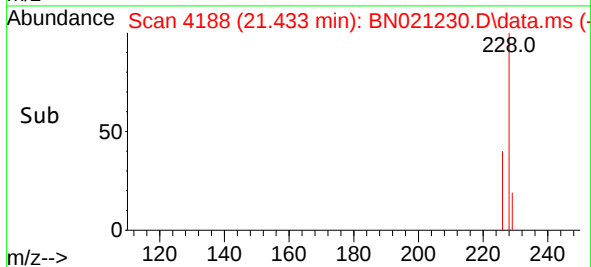
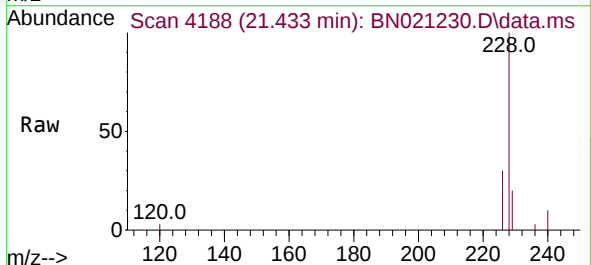


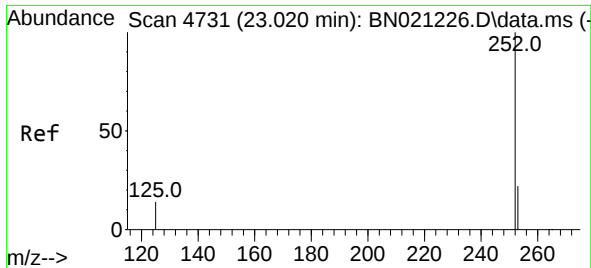
Tgt Ion:228 Resp: 5519
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 27.5 21.9 32.9



#22
Chrysene
Concen: 0.310 ng/ul
RT: 21.433 min Scan# 4188
Delta R.T. 0.003 min
Lab File: BN021230.D
Acq: 15 Aug 2022 11:07

Tgt Ion:228 Resp: 7614
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.9 15.8 23.8

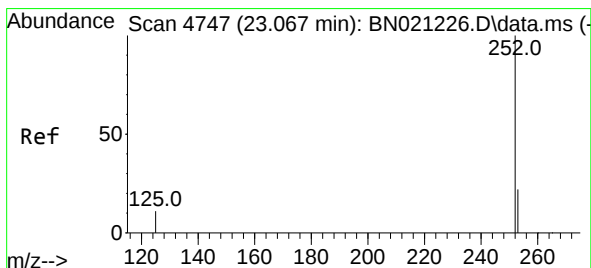
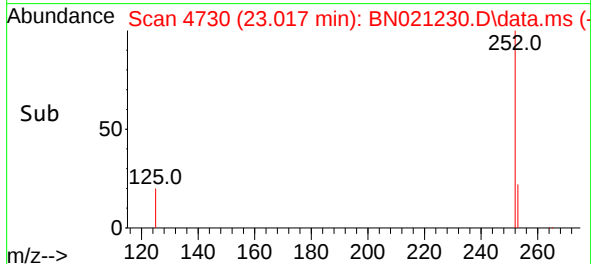
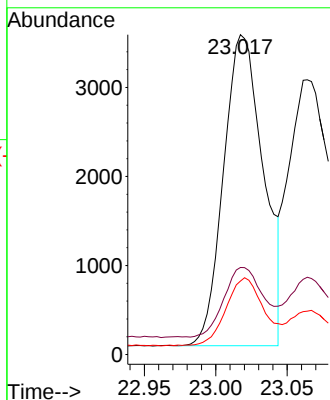
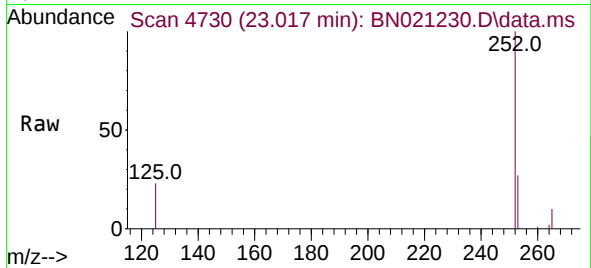




#24
Benzo(b)fluoranthene
Concen: 0.319 ng/ul
RT: 23.017 min Scan# 4730
Delta R.T. 0.000 min
Lab File: BN021230.D
Acq: 15 Aug 2022 11:07

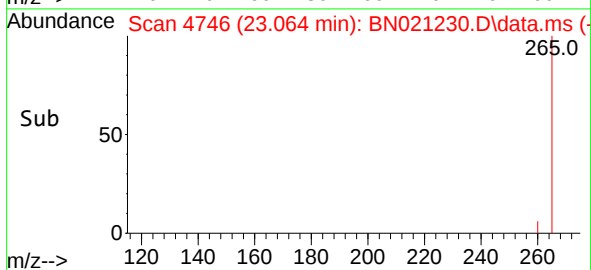
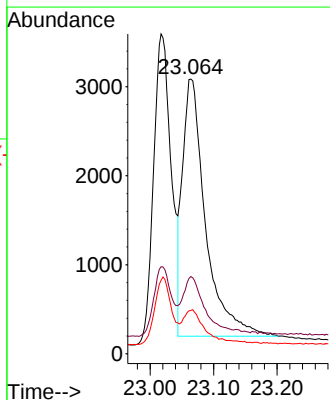
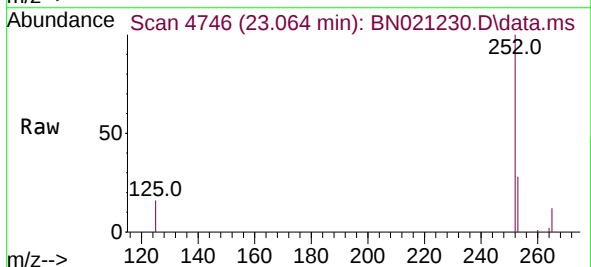
Instrument :
BNA_N
ClientSampleId :
SLCS961

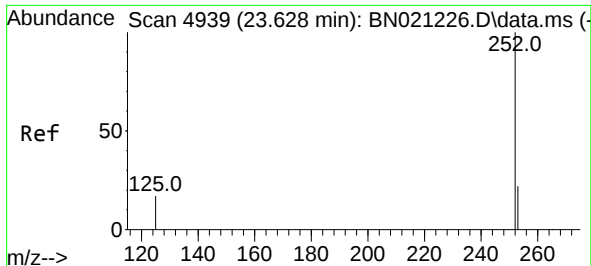
Tgt Ion:252 Resp: 6797
Ion Ratio Lower Upper
252 100
253 27.2 0.0 50.8
125 23.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.324 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. 0.000 min
Lab File: BN021230.D
Acq: 15 Aug 2022 11:07

Tgt Ion:252 Resp: 7279
Ion Ratio Lower Upper
252 100
253 28.1 20.6 31.0
125 15.8 11.8 17.6

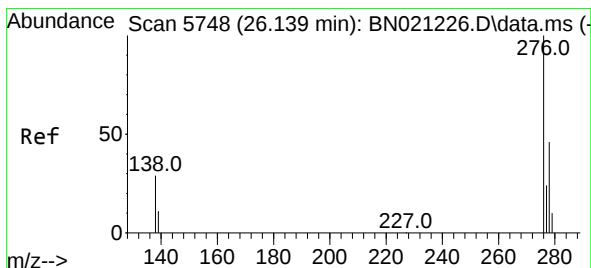
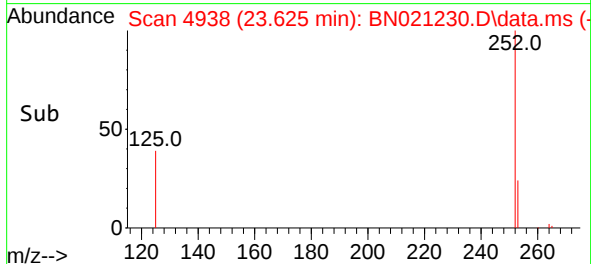
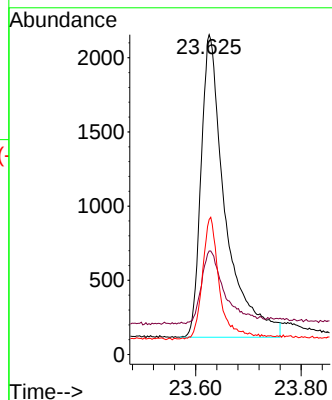
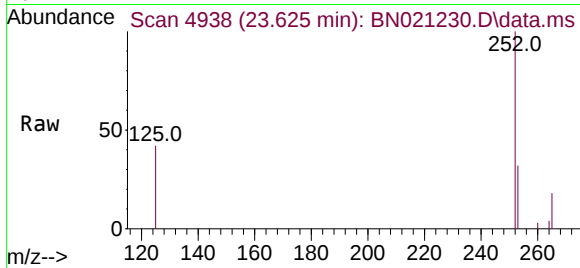




#26
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.625 min Scan# 4938
Delta R.T. 0.003 min
Lab File: BN021230.D
Acq: 15 Aug 2022 11:07

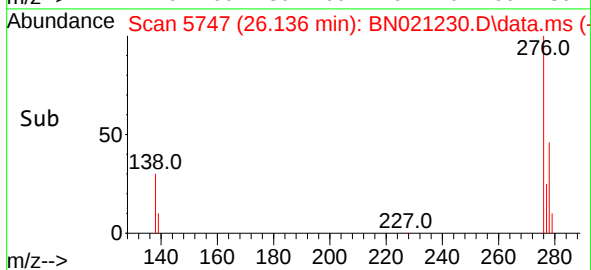
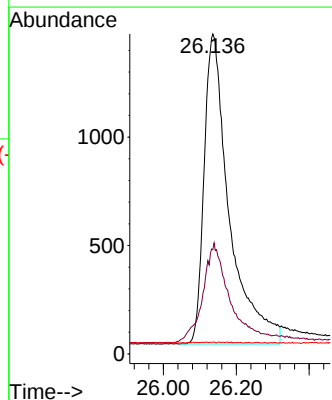
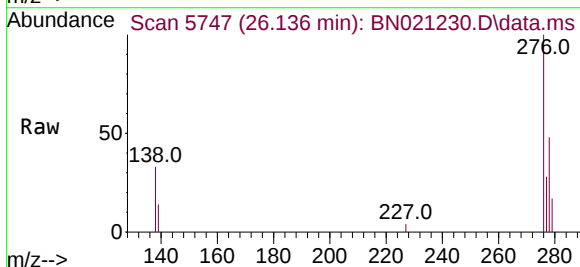
Instrument :
BNA_N
ClientSampleId :
SLCS961

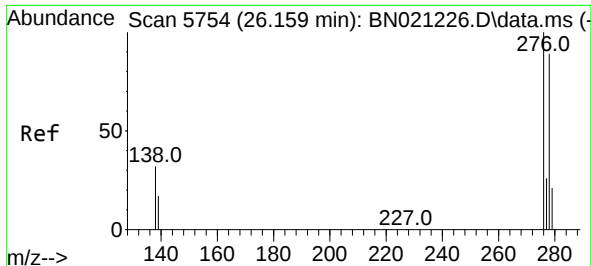
Tgt Ion:252 Resp: 6477
Ion Ratio Lower Upper
252 100
253 32.4 22.1 33.1
125 42.2 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.295 ng/ul
RT: 26.136 min Scan# 5747
Delta R.T. 0.000 min
Lab File: BN021230.D
Acq: 15 Aug 2022 11:07

Tgt Ion:276 Resp: 6857
Ion Ratio Lower Upper
276 100
138 35.2 26.1 39.1
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.277 ng/ul

RT: 26.159 min Scan# 51

Delta R.T. 0.011 min

Lab File: BN021230.D

Acq: 15 Aug 2022 11:07

Instrument :

BNA_N

ClientSampleId :

SLCS961

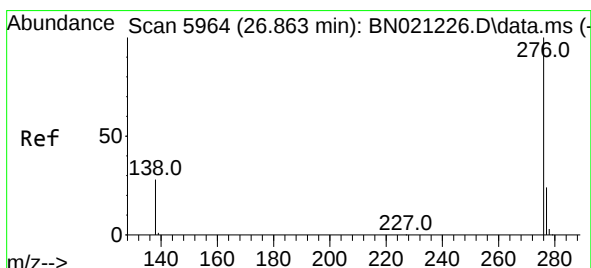
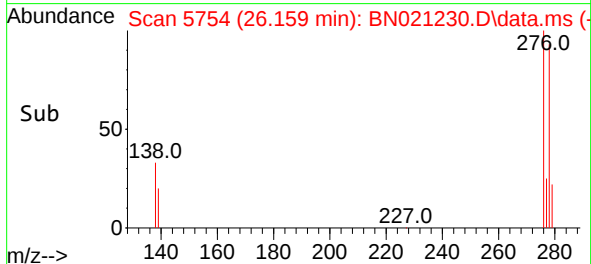
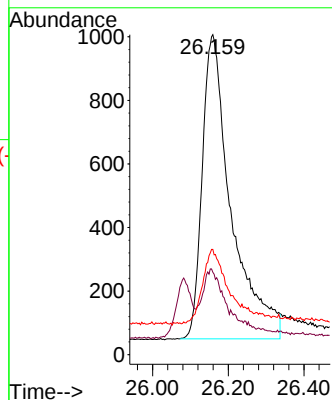
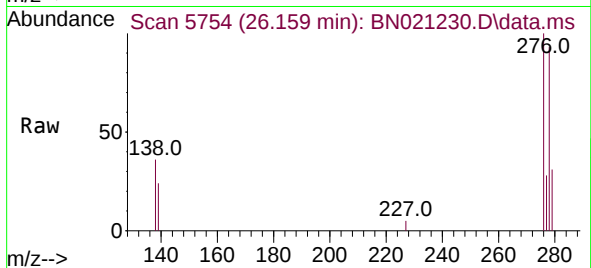
Tgt Ion:278 Resp: 5079

Ion Ratio Lower Upper

278 100

139 25.7 18.3 27.5

279 32.9 23.9 35.9



#29

Benzo(g,h,i)perylene

Concen: 0.307 ng/ul

RT: 26.867 min Scan# 5965

Delta R.T. -0.003 min

Lab File: BN021230.D

Acq: 15 Aug 2022 11:07

Tgt Ion:276 Resp: 6363

Ion Ratio Lower Upper

276 100

138 30.0 22.6 34.0

277 26.9 20.2 30.2

