

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081022\
 Data File : BN021123.D
 Acq On : 10 Aug 2022 18:24
 Operator : CG/JU
 Sample : PB146872BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS872

Quant Time: Aug 10 22:08:09 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 : Tue Aug 09 23:10:06 2022
 Response via : Initial Calibration

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

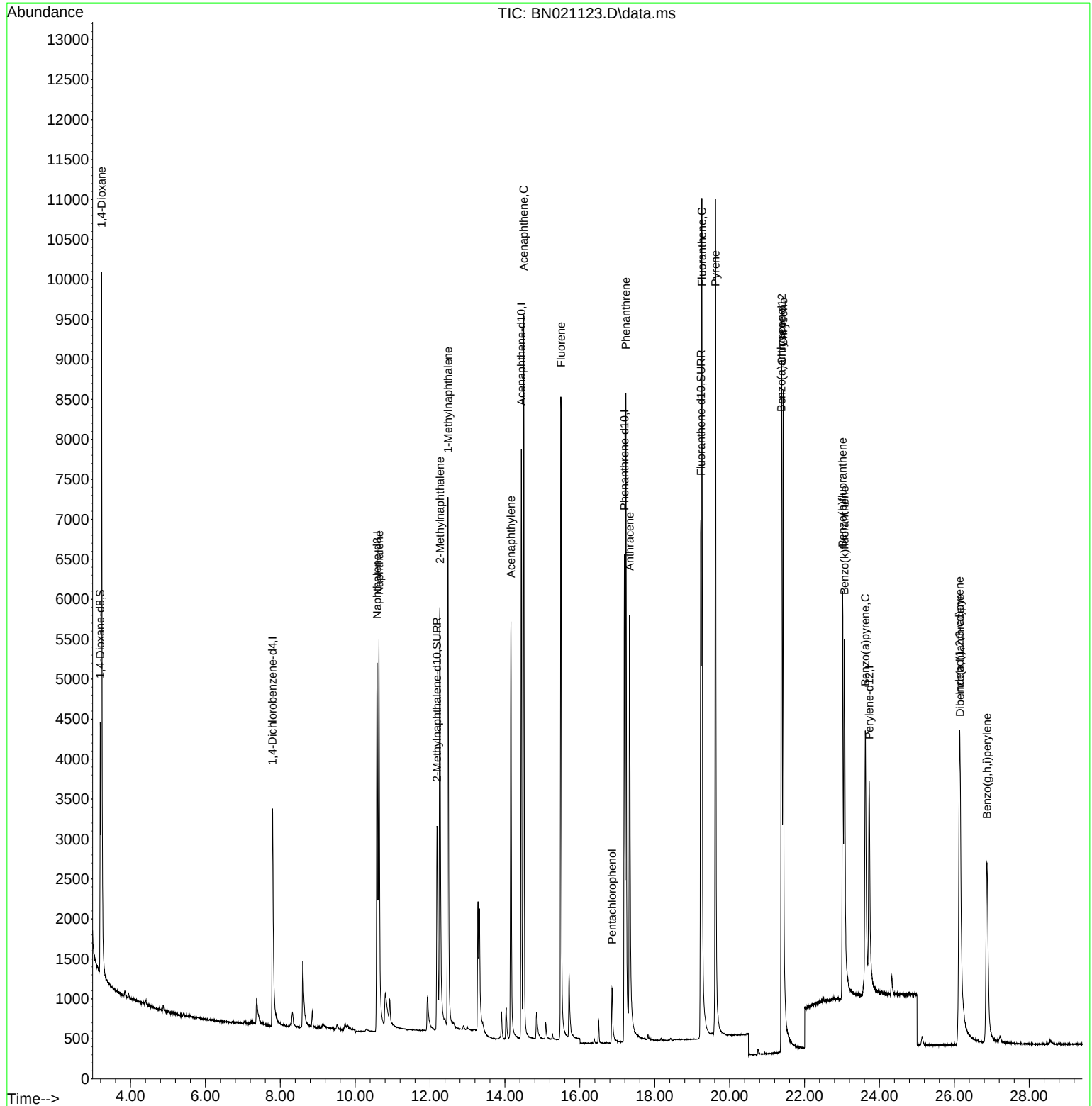
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2210	0.400	ng/ul	0.01
4) Naphthalene-d8	10.585	136	7733	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.438	164	4435	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.189	188	8190	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	5892	0.400	ng/ul	0.00
23) Perylene-d12	23.728	264	4331	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	2082	0.736	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.186	152	4397	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.231	212	8361	0.460	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	5813	1.996	ng/ul#	85
5) Naphthalene	10.635	128	8169	0.344	ng/ul	100
7) 2-Methylnaphthalene	12.263	142	4929	0.342	ng/ul	100
8) 1-Methylnaphthalene	12.477	142	5425	0.376	ng/ul	99
10) Acenaphthylene	14.161	152	7142	0.344	ng/ul	100
11) Acenaphthene	14.503	153	5787	0.337	ng/ul	99
12) Fluorene	15.498	166	6254	0.334	ng/ul	98
14) Pentachlorophenol	16.859	266	686	0.543	ng/ul	100
15) Phenanthrene	17.231	178	9716	0.332	ng/ul	100
16) Anthracene	17.328	178	7827	0.345	ng/ul	99
19) Fluoranthene	19.259	202	10358	0.397	ng/ul	99
20) Pyrene	19.621	202	10772	0.400	ng/ul	98
21) Benzo(a)anthracene	21.380	228	6825	0.355	ng/ul	100
22) Chrysene	21.433	228	8566	0.338	ng/ul	99
24) Benzo(b)fluoranthene	23.017	252	7071	0.353	ng/ul	96
25) Benzo(k)fluoranthene	23.064	252	7483	0.354	ng/ul	97
26) Benzo(a)pyrene	23.622	252	6517	0.356	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.139	276	6795	0.311	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.156	278	5353	0.310	ng/ul	97
29) Benzo(g,h,i)perylene	26.870	276	6176	0.317	ng/ul	96

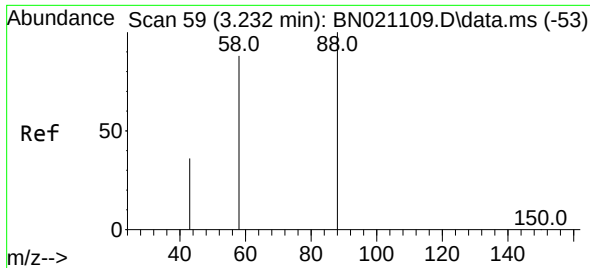
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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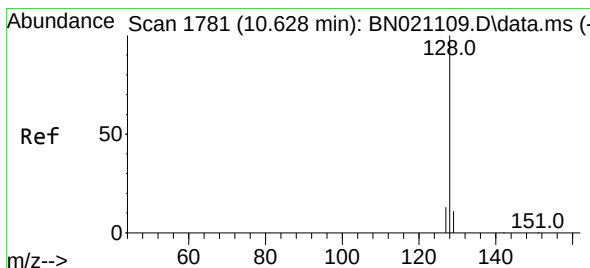
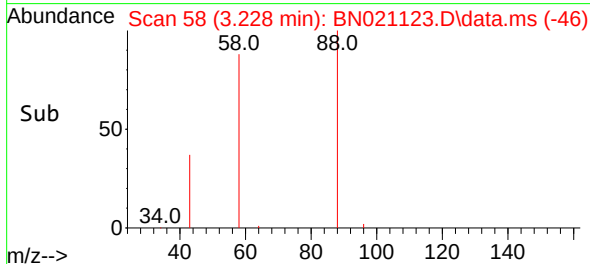
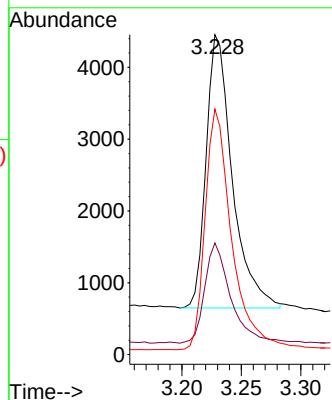
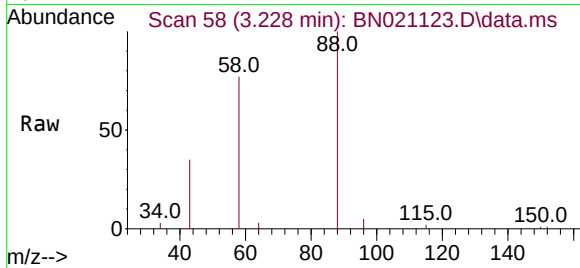




#2
1,4-Dioxane
Concen: 1.996 ng/ul
RT: 3.228 min Scan# 58
Delta R.T. 0.000 min
Lab File: BN021123.D
Acq: 10 Aug 2022 18:24

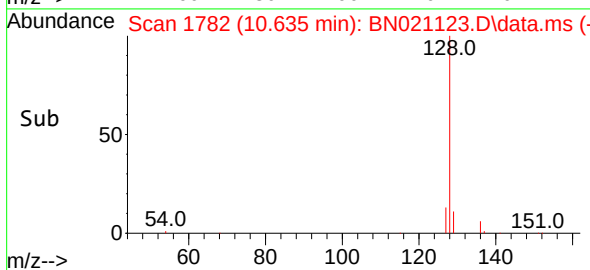
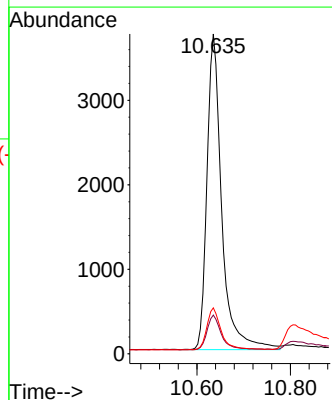
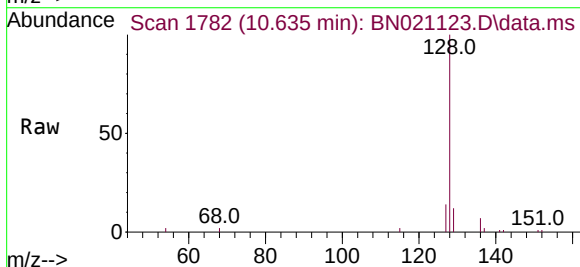
Instrument :
BNA_N
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SLCS872

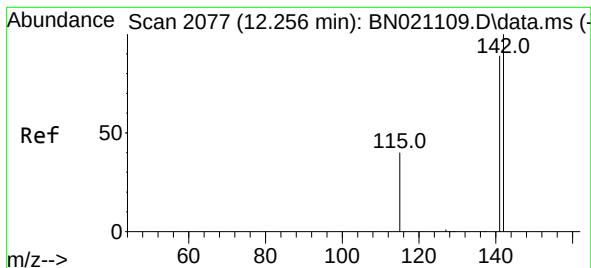
Tgt Ion: 88 Resp: 5813
Ion Ratio Lower Upper
88 100
43 34.9 31.4 47.0
58 76.7 49.0 73.6#



#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.635 min Scan# 1782
Delta R.T. 0.007 min
Lab File: BN021123.D
Acq: 10 Aug 2022 18:24

Tgt Ion: 128 Resp: 8169
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 14.4 11.6 17.4

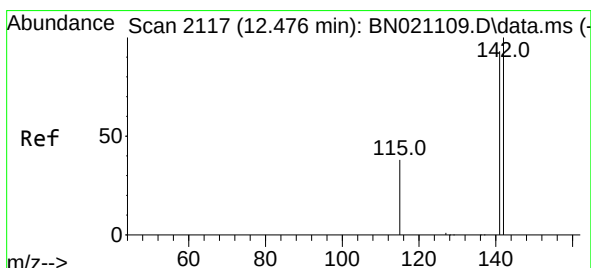
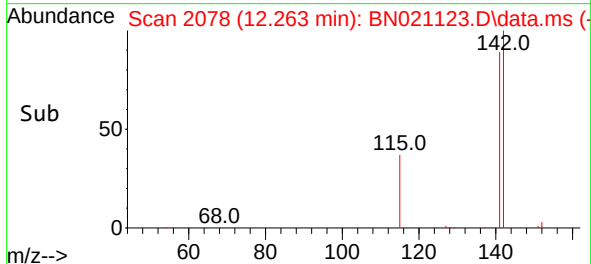
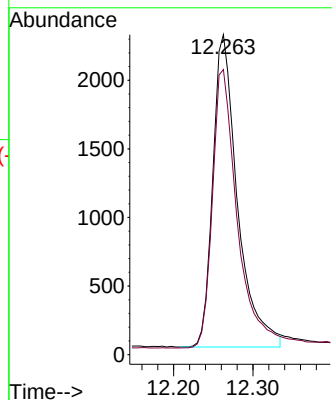
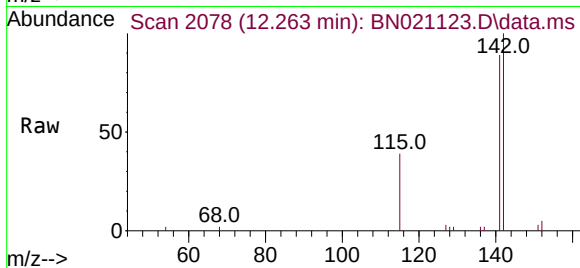




#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.263 min Scan# 2077
Delta R.T. 0.012 min
Lab File: BN021123.D
Acq: 10 Aug 2022 18:24

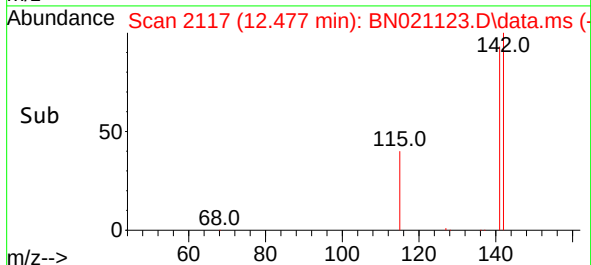
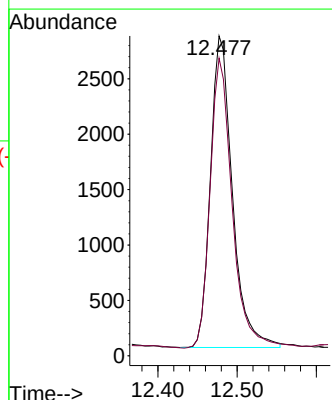
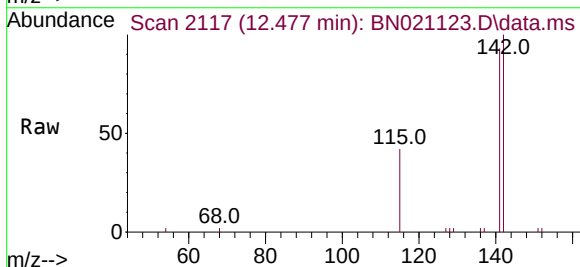
Instrument :
BNA_N
ClientSampleId :
SLCS872

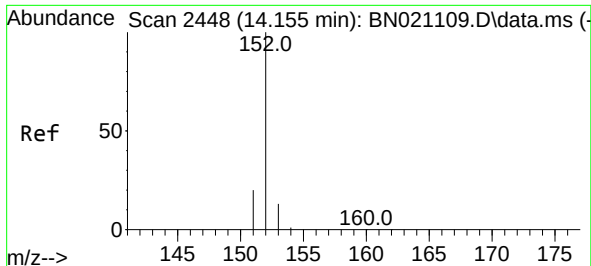
Tgt Ion:142 Resp: 4929
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BN021123.D
Acq: 10 Aug 2022 18:24

Tgt Ion:142 Resp: 5425
Ion Ratio Lower Upper
142 100
141 93.2 73.9 110.9

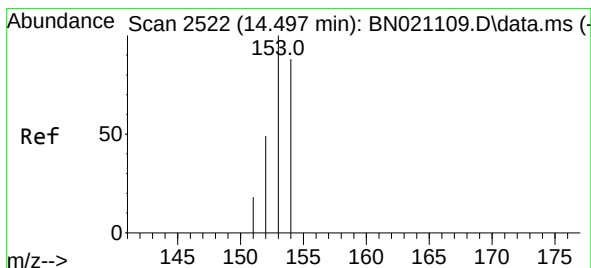
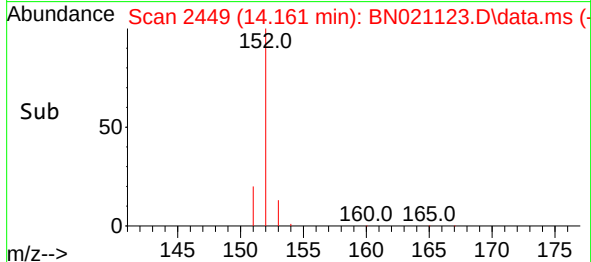
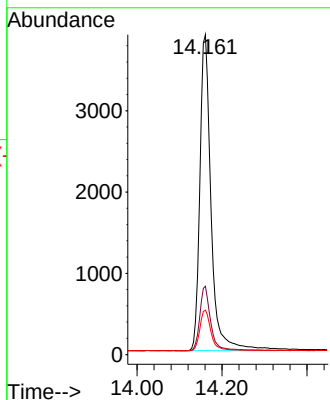
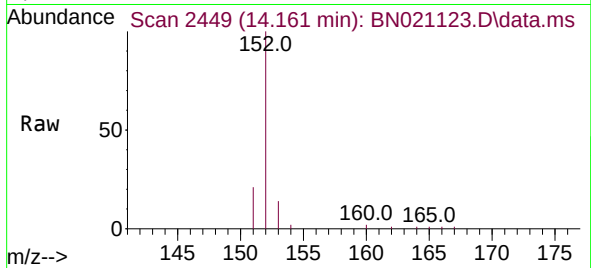




#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 14.161 min Scan# 2448
Delta R.T. 0.006 min
Lab File: BN021123.D
Acq: 10 Aug 2022 18:24

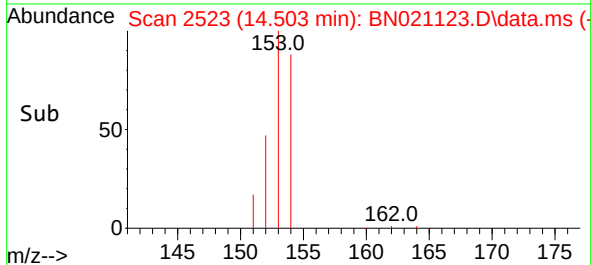
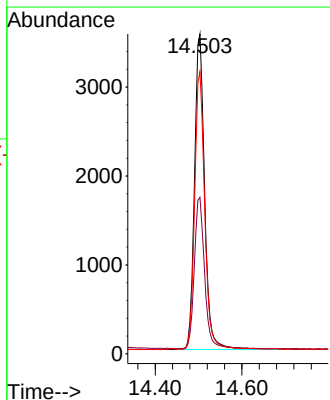
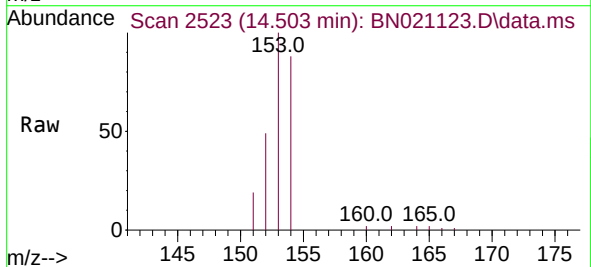
Instrument :
BNA_N
ClientSampleId :
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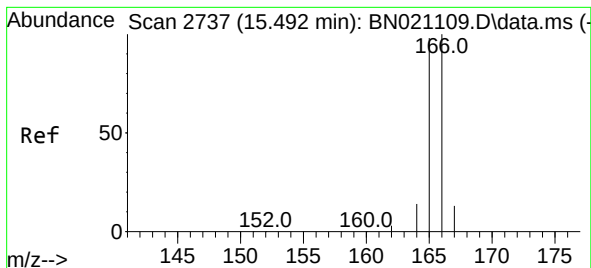
Tgt Ion:152 Resp: 7142
Ion Ratio Lower Upper
152 100
151 21.4 16.9 25.3
153 13.9 11.2 16.8



#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.503 min Scan# 2523
Delta R.T. 0.001 min
Lab File: BN021123.D
Acq: 10 Aug 2022 18:24

Tgt Ion:153 Resp: 5787
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.4
154 88.2 70.7 106.1





#12

Fluorene

Concen: 0.334 ng/ul

RT: 15.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN021123.D

Acq: 10 Aug 2022 18:24

Instrument :

BNA_N

ClientSampleId :

SLCS872

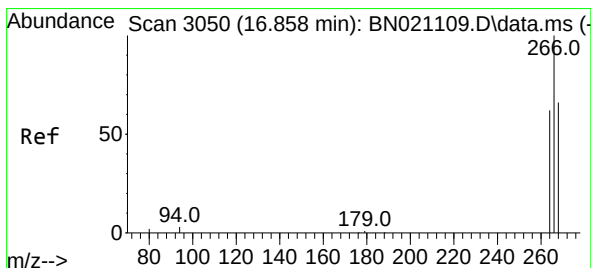
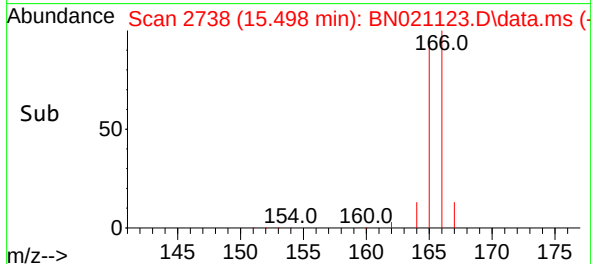
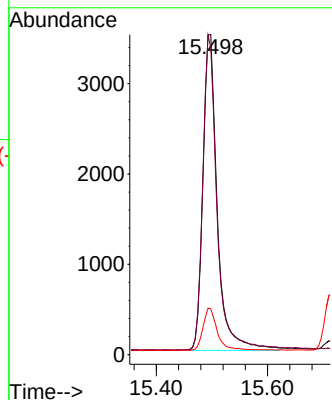
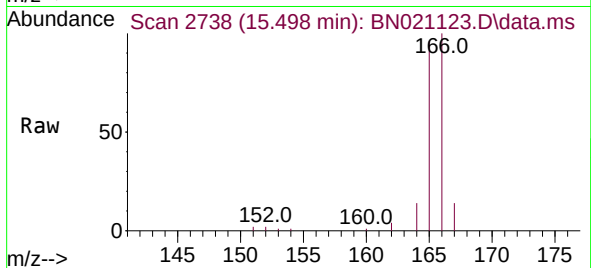
Tgt Ion:166 Resp: 6254

Ion Ratio Lower Upper

166 100

165 95.8 78.6 117.8

167 14.3 11.8 17.6



#14

Pentachlorophenol

Concen: 0.543 ng/ul

RT: 16.859 min Scan# 3050

Delta R.T. 0.006 min

Lab File: BN021123.D

Acq: 10 Aug 2022 18:24

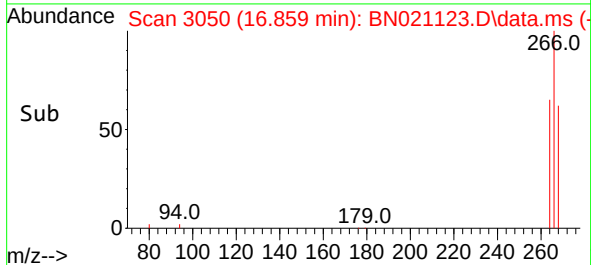
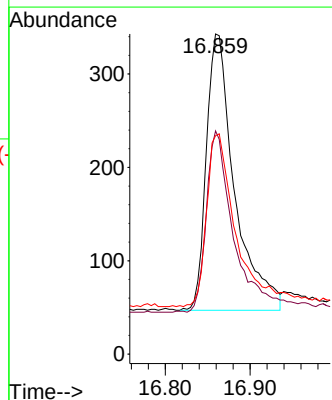
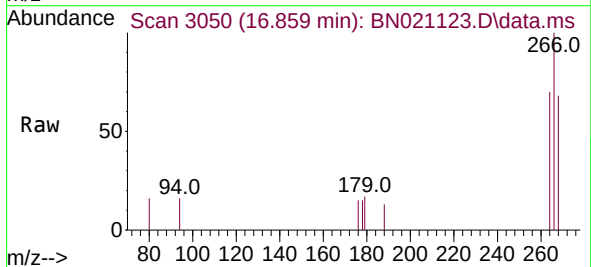
Tgt Ion:266 Resp: 686

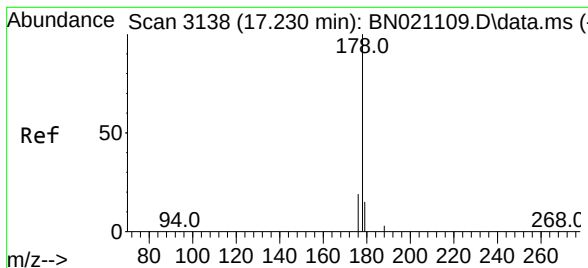
Ion Ratio Lower Upper

266 100

264 63.0 49.8 74.8

268 63.3 50.6 75.8





#15

Phenanthrene

Concen: 0.332 ng/ul

RT: 17.231 min Scan# 3138

Delta R.T. 0.001 min

Lab File: BN021123.D

Acq: 10 Aug 2022 18:24

Instrument :

BNA_N

ClientSampleId :

SLCS872

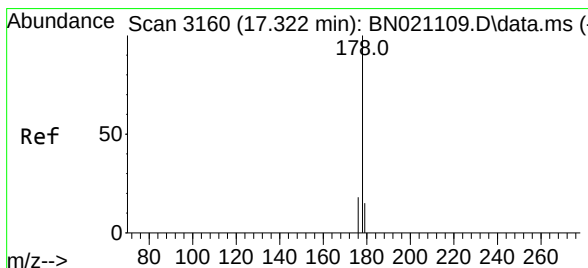
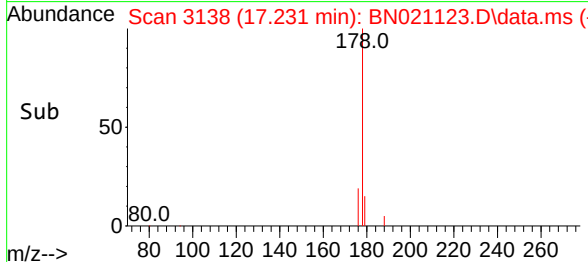
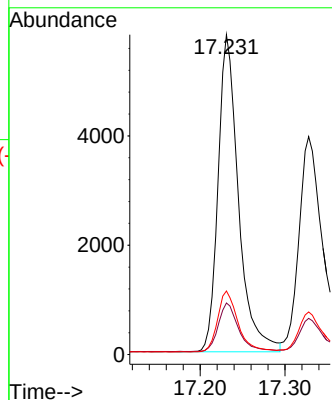
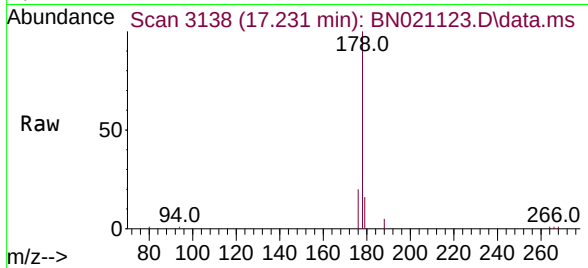
Tgt Ion:178 Resp: 9716

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

176 19.9 15.9 23.9



#16

Anthracene

Concen: 0.345 ng/ul

RT: 17.328 min Scan# 3161

Delta R.T. 0.005 min

Lab File: BN021123.D

Acq: 10 Aug 2022 18:24

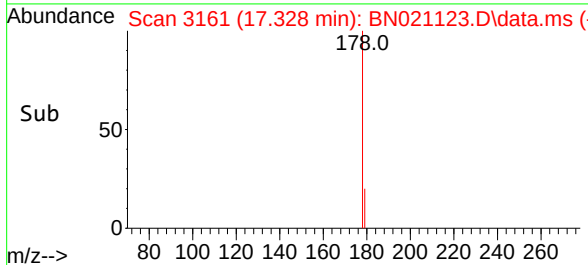
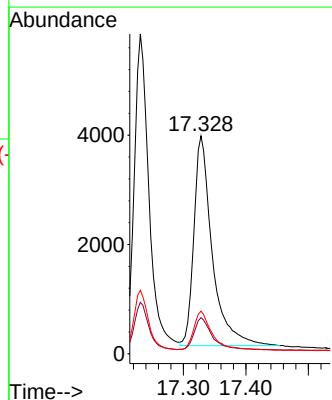
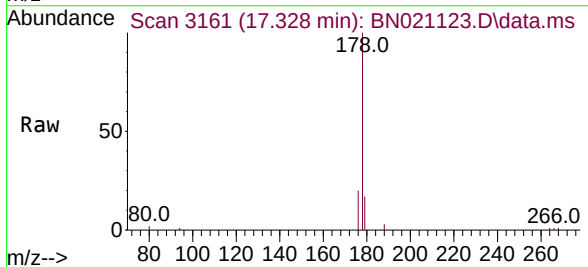
Tgt Ion:178 Resp: 7827

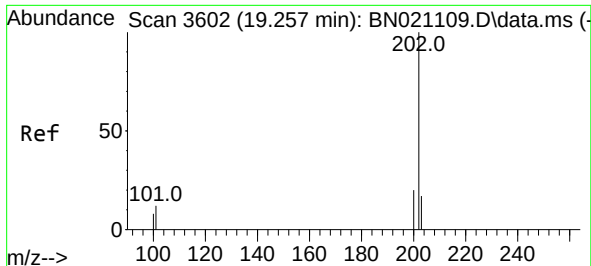
Ion Ratio Lower Upper

178 100

179 16.6 12.9 19.3

176 19.6 15.9 23.9

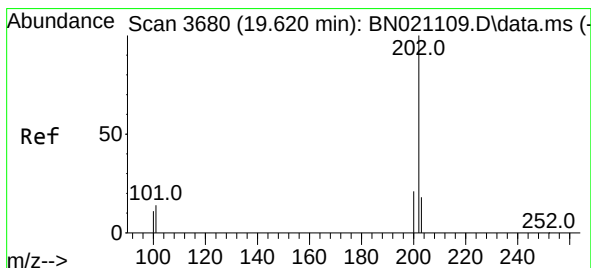
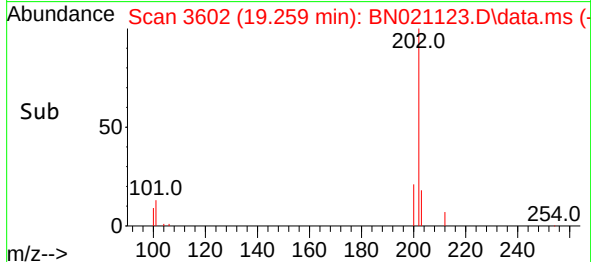
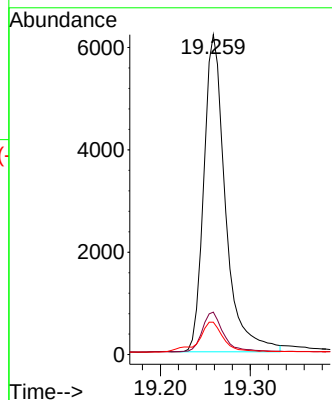
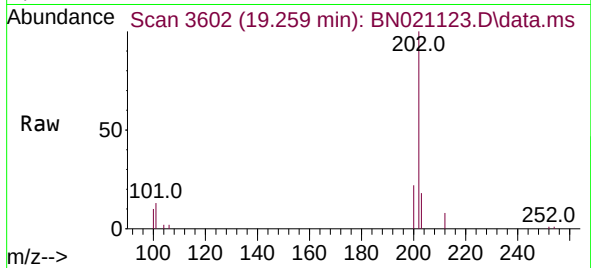




#19
Fluoranthene
Concen: 0.397 ng/ul
RT: 19.259 min Scan# 3602
Delta R.T. -0.003 min
Lab File: BN021123.D
Acq: 10 Aug 2022 18:24

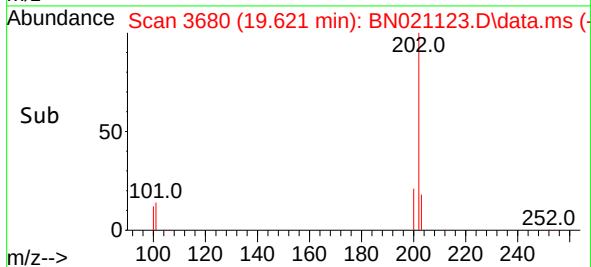
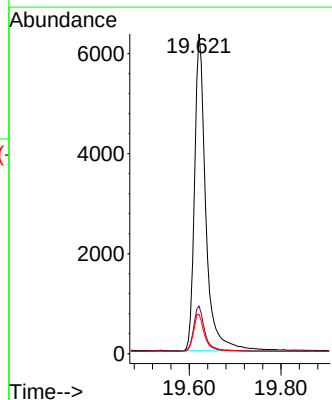
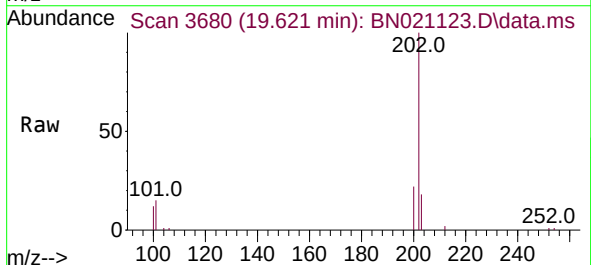
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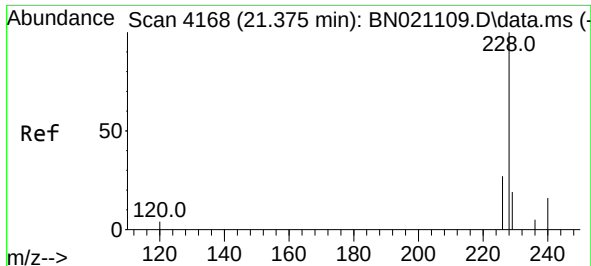
Tgt Ion:202 Resp: 10358
Ion Ratio Lower Upper
202 100
101 13.3 10.0 15.0
100 10.1 8.0 12.0



#20
Pyrene
Concen: 0.400 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. -0.003 min
Lab File: BN021123.D
Acq: 10 Aug 2022 18:24

Tgt Ion:202 Resp: 10772
Ion Ratio Lower Upper
202 100
101 14.9 11.3 16.9
100 12.3 9.0 13.4

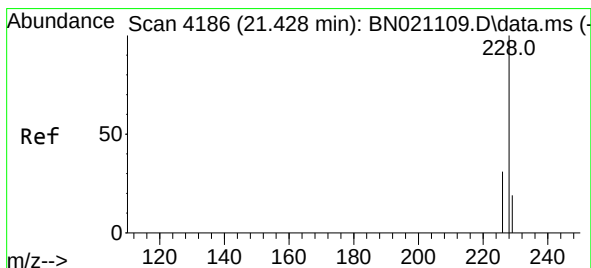
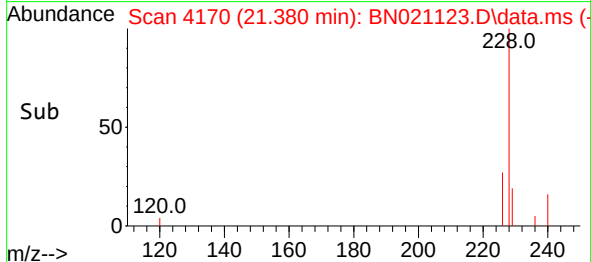
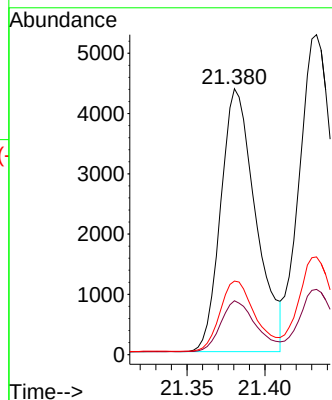
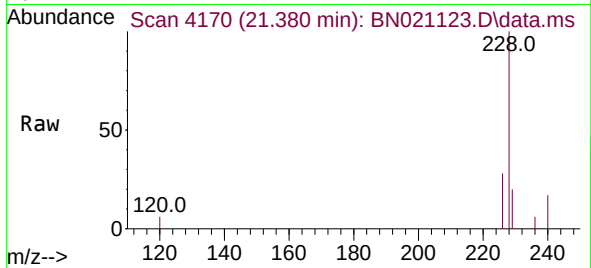




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.380 min Scan# 4168
Delta R.T. -0.006 min
Lab File: BN021123.D
Acq: 10 Aug 2022 18:24

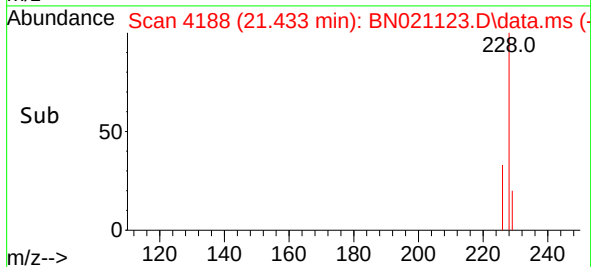
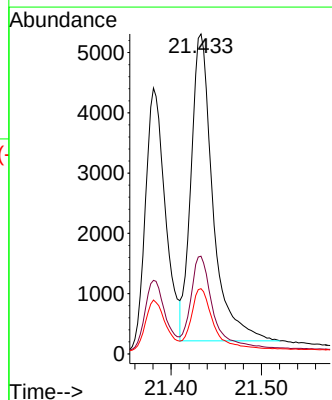
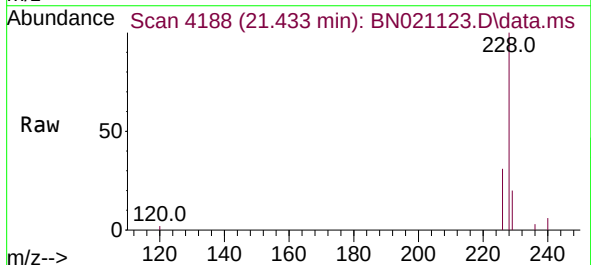
Instrument :
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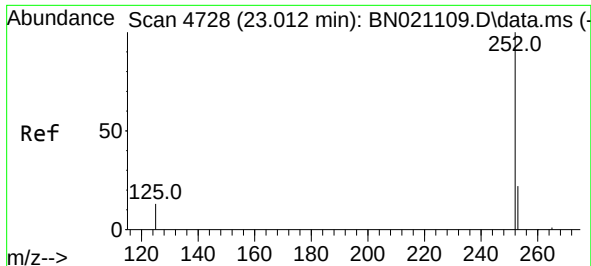
Tgt Ion:228 Resp: 6825
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 27.6 21.9 32.9



#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.433 min Scan# 4188
Delta R.T. -0.009 min
Lab File: BN021123.D
Acq: 10 Aug 2022 18:24

Tgt Ion:228 Resp: 8566
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 20.4 15.8 23.8

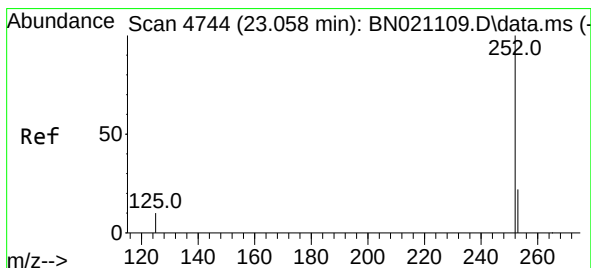
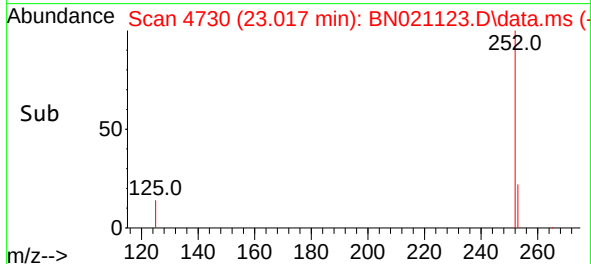
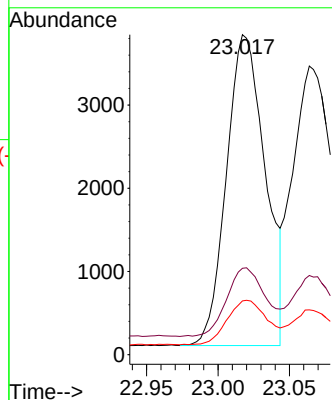
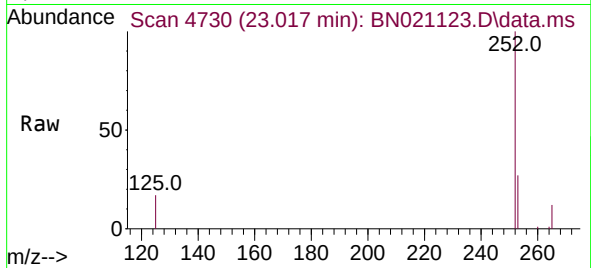




#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 23.017 min Scan# 4728
Delta R.T. -0.012 min
Lab File: BN021123.D
Acq: 10 Aug 2022 18:24

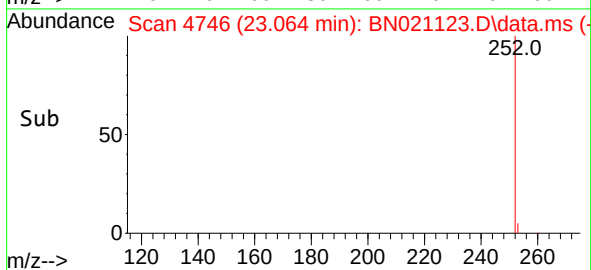
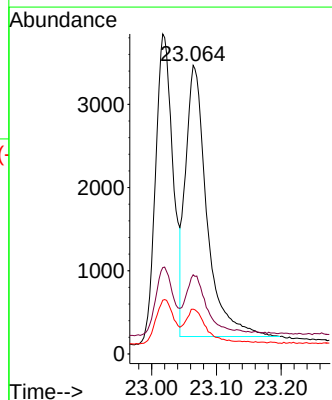
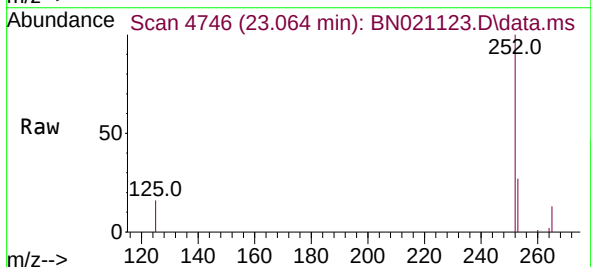
Instrument :
BNA_N
ClientSampleId :
SLCS872

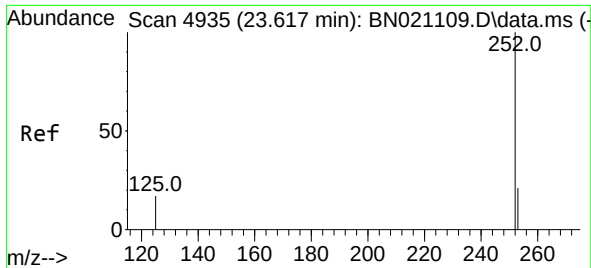
Tgt Ion:252 Resp: 7071
Ion Ratio Lower Upper
252 100
253 27.0 0.0 50.8
125 16.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BN021123.D
Acq: 10 Aug 2022 18:24

Tgt Ion:252 Resp: 7483
Ion Ratio Lower Upper
252 100
253 27.4 20.6 31.0
125 15.5 11.8 17.6

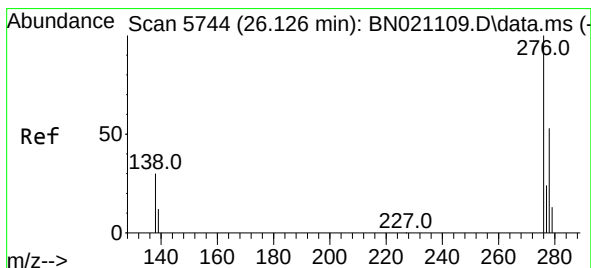
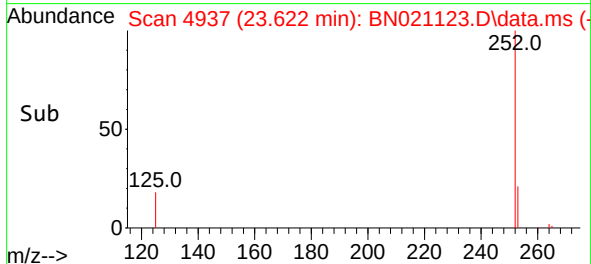
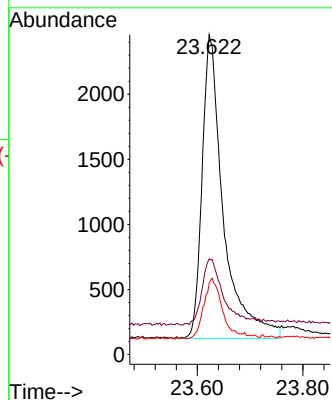
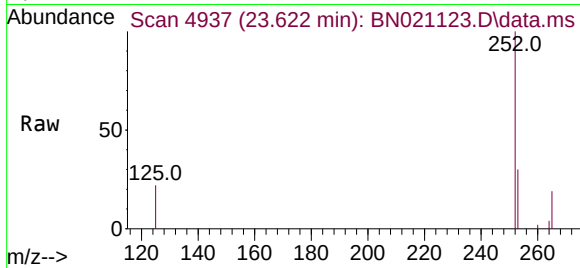




#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.622 min Scan# 4935
Delta R.T. -0.012 min
Lab File: BN021123.D
Acq: 10 Aug 2022 18:24

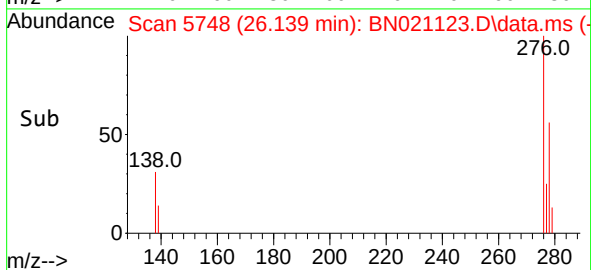
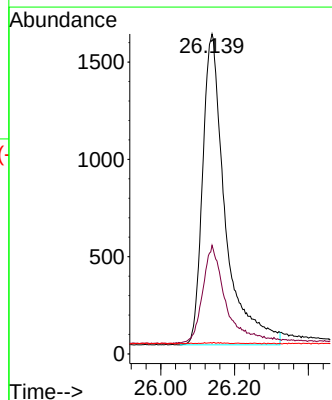
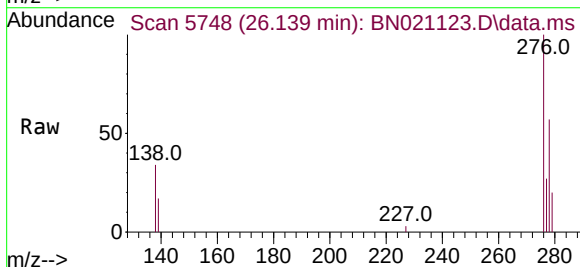
Instrument :
BNA_N
ClientSampleId :
SLCS872

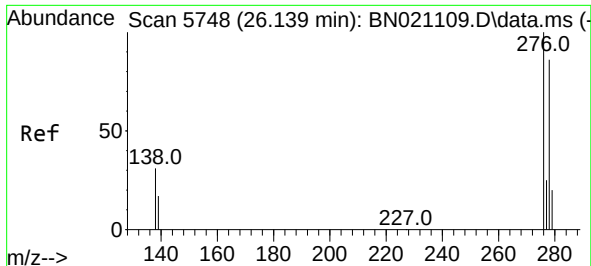
Tgt Ion:252 Resp: 6517
Ion Ratio Lower Upper
252 100
253 29.9 22.1 33.1
125 22.2 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.311 ng/ul
RT: 26.139 min Scan# 5748
Delta R.T. -0.011 min
Lab File: BN021123.D
Acq: 10 Aug 2022 18:24

Tgt Ion:276 Resp: 6795
Ion Ratio Lower Upper
276 100
138 33.1 26.1 39.1
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.310 ng/ul

RT: 26.156 min Scan# 51

Delta R.T. -0.011 min

Lab File: BN021123.D

Acq: 10 Aug 2022 18:24

Instrument :

BNA_N

ClientSampleId :

SLCS872

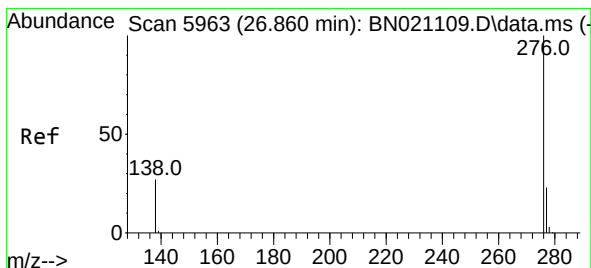
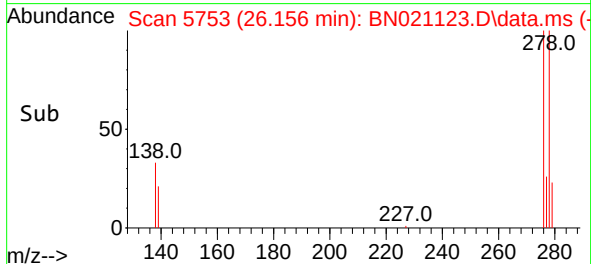
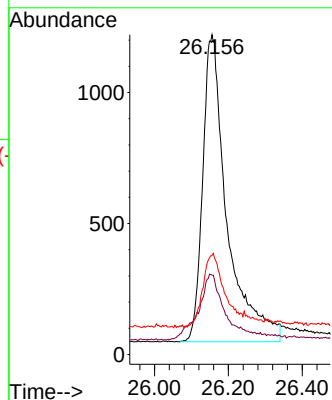
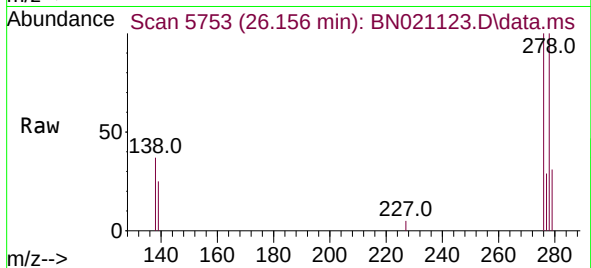
Tgt Ion:278 Resp: 5353

Ion Ratio Lower Upper

278 100

139 24.8 18.3 27.5

279 31.0 23.9 35.9



#29

Benzo(g,h,i)perylene

Concen: 0.317 ng/ul

RT: 26.870 min Scan# 5966

Delta R.T. -0.017 min

Lab File: BN021123.D

Acq: 10 Aug 2022 18:24

Tgt Ion:276 Resp: 6176

Ion Ratio Lower Upper

276 100

138 31.3 22.6 34.0

277 26.4 20.2 30.2

