

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092722\
 Data File : BN021920.D
 Acq On : 26 Sep 2022 16:18
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4314

Quant Time: Sep 27 00:25:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 00:20:21 2022
 Response via : Initial Calibration

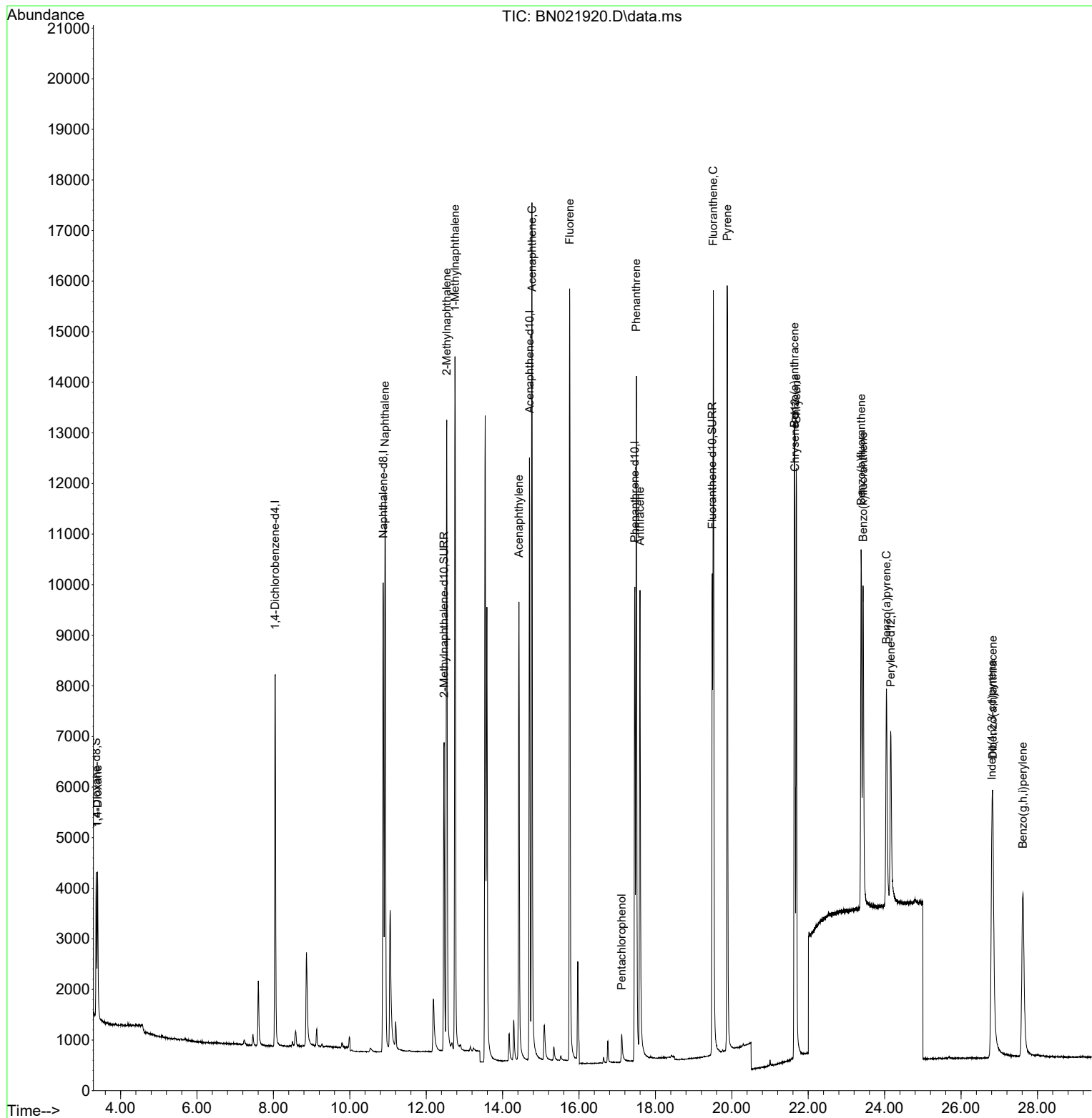
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	4115	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	13570	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.703	164	7112	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	12185	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	7124	0.400	ng/ul	# 0.00
23) Perylene-d12	24.158	264	5538	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	2001	0.395	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	8908	0.415	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	11840	0.447	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.397	88	2047	0.394	ng/ul	93
5) Naphthalene	10.922	128	16027	0.419	ng/ul	98
7) 2-Methylnaphthalene	12.539	142	10294	0.414	ng/ul	98
8) 1-Methylnaphthalene	12.753	142	10455	0.410	ng/ul	100
10) Acenaphthylene	14.425	152	12247	0.410	ng/ul	99
11) Acenaphthene	14.768	153	10900	0.431	ng/ul	100
12) Fluorene	15.753	166	11520	0.406	ng/ul	98
14) Pentachlorophenol	17.118	266	609	0.258	ng/ul	99
15) Phenanthrene	17.498	178	16183	0.421	ng/ul	100
16) Anthracene	17.595	178	13059	0.409	ng/ul	99
19) Fluoranthene	19.515	202	14534	0.437	ng/ul	95
20) Pyrene	19.878	202	14548	0.443	ng/ul#	93
21) Benzo(a)anthracene	21.636	228	10467	0.439	ng/ul	99
22) Chrysene	21.688	228	11192	0.430	ng/ul	100
24) Benzo(b)fluoranthene	23.384	252	10604	0.395	ng/ul	90
25) Benzo(k)fluoranthene	23.436	252	10172	0.391	ng/ul#	88
26) Benzo(a)pyrene	24.047	252	8202	0.403	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.804	276	9242	0.404	ng/ul	98
28) Dibenzo(a,h)anthracene	26.831	278	7587	0.390	ng/ul#	94
29) Benzo(g,h,i)perylene	27.619	276	9332	0.442	ng/ul	94

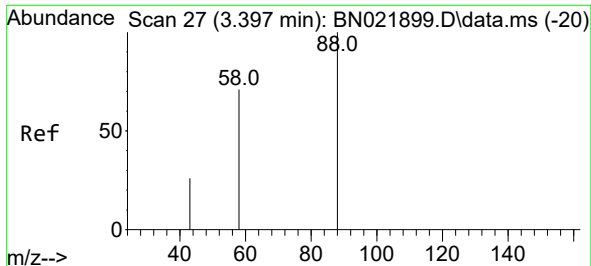
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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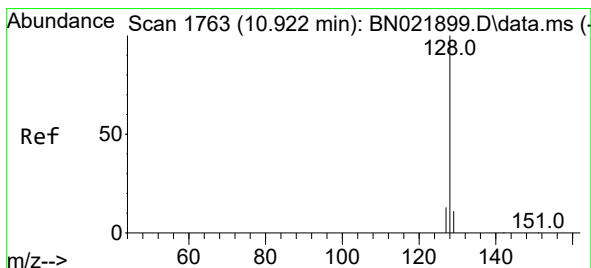
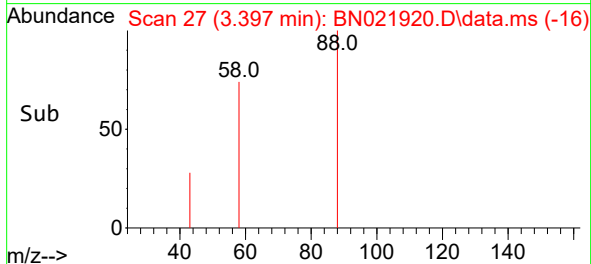
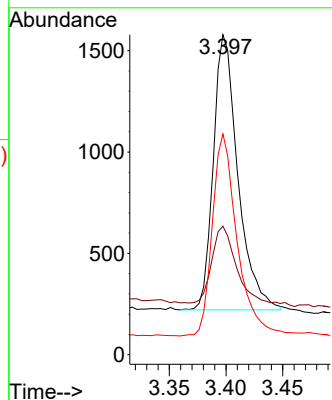
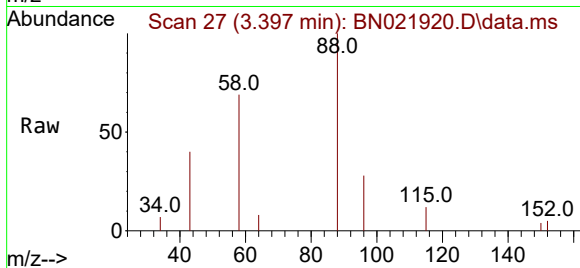




#2
 1,4-Dioxane
 Concen: 0.394 ng/ul
 RT: 3.397 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN021920.D
 Acq: 26 Sep 2022 16:18

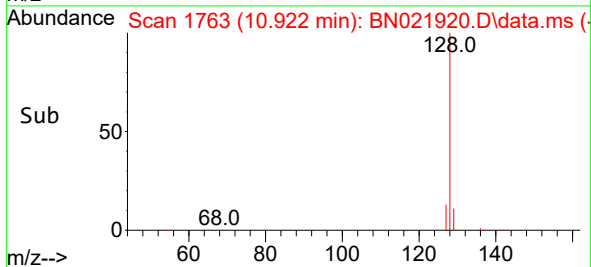
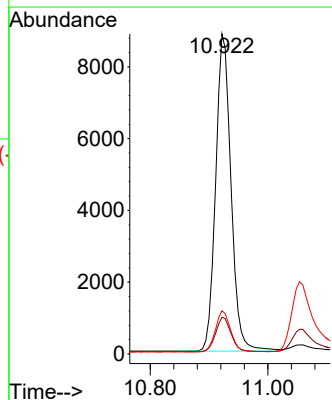
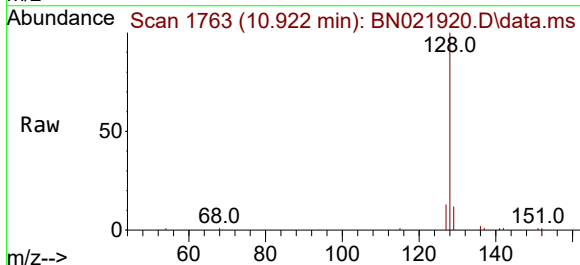
Instrument :
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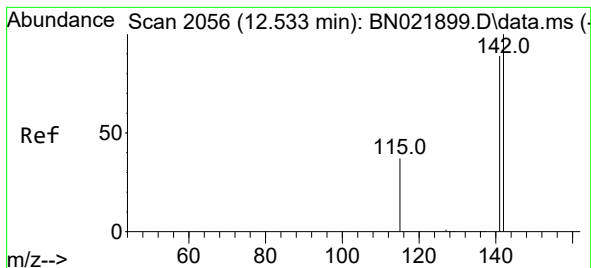
Tgt Ion: 88 Resp: 2047
 Ion Ratio Lower Upper
 88 100
 43 40.2 31.4 47.0
 58 69.0 49.0 73.6



#5
 Naphthalene
 Concen: 0.419 ng/ul
 RT: 10.922 min Scan# 1763
 Delta R.T. -0.011 min
 Lab File: BN021920.D
 Acq: 26 Sep 2022 16:18

Tgt Ion: 128 Resp: 16027
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.8 14.6
 127 13.5 11.6 17.4

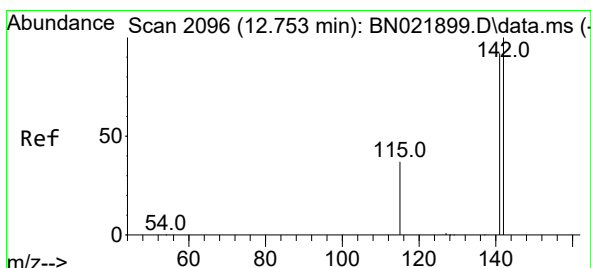
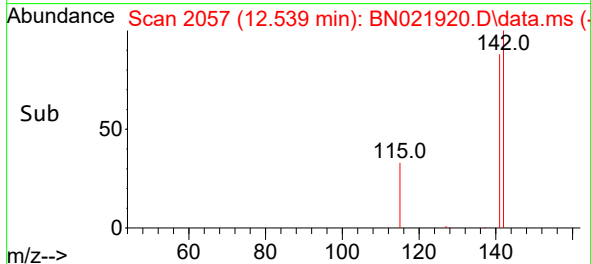
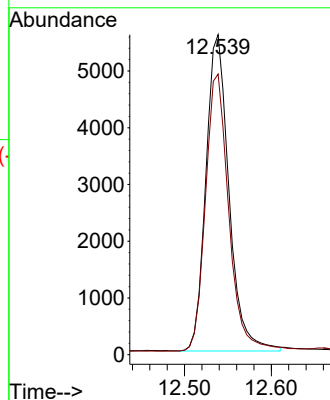
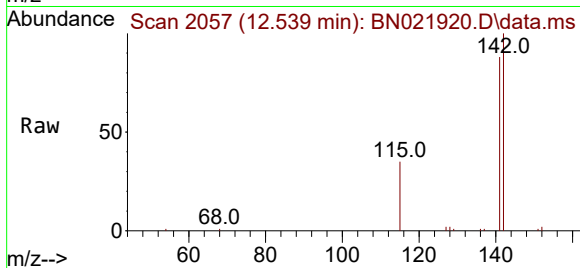




#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.539 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN021920.D
Acq: 26 Sep 2022 16:18

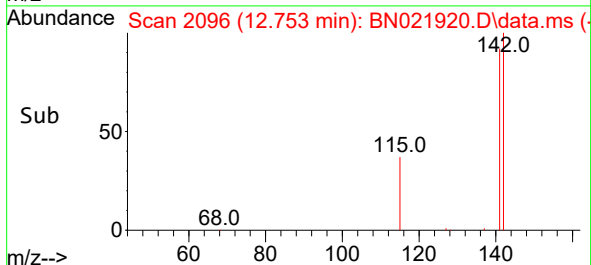
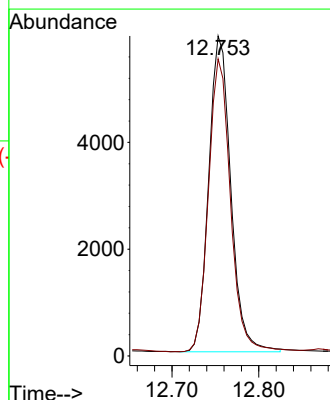
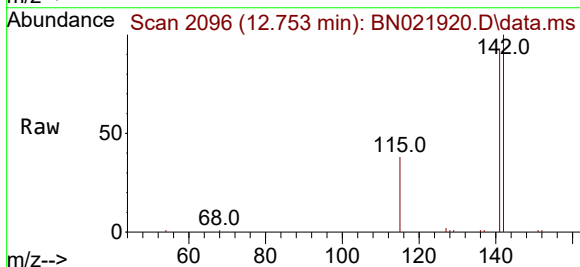
Instrument :
BNA_N
ClientSampleId :
SSTD0.4314

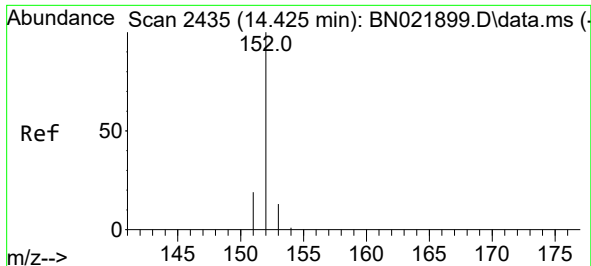
Tgt Ion:142 Resp: 10294
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.753 min Scan# 2096
Delta R.T. -0.005 min
Lab File: BN021920.D
Acq: 26 Sep 2022 16:18

Tgt Ion:142 Resp: 10455
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9

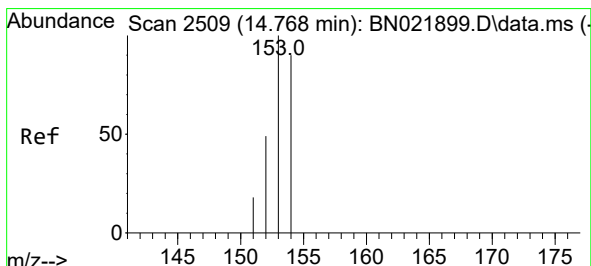
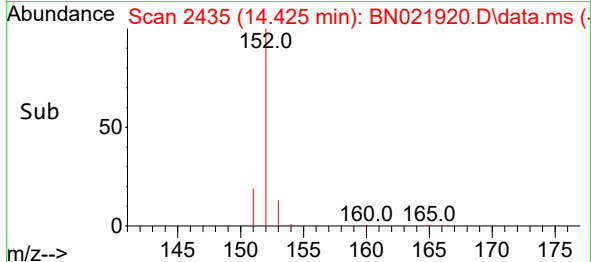
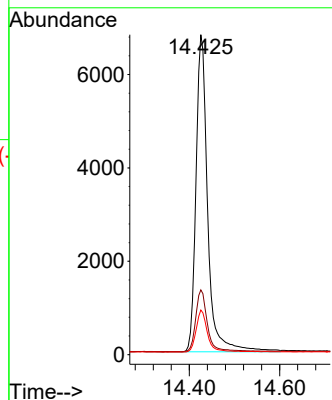
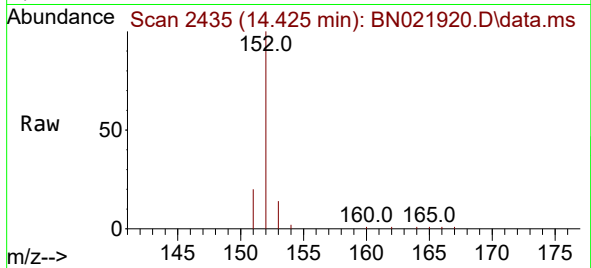




#10
Acenaphthylene
Concen: 0.410 ng/ul
RT: 14.425 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN021920.D
Acq: 26 Sep 2022 16:18

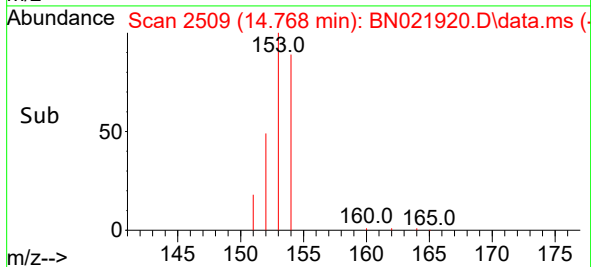
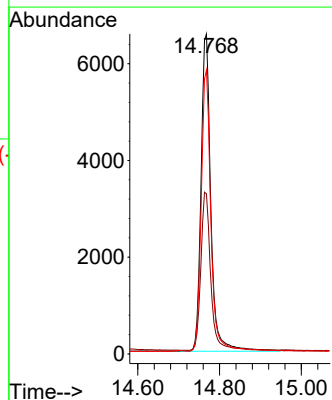
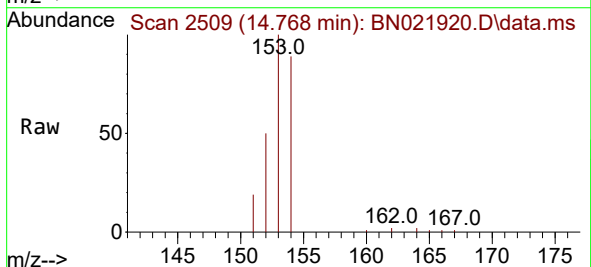
Instrument :
BNA_N
ClientSampleId :
SSTD0.4314

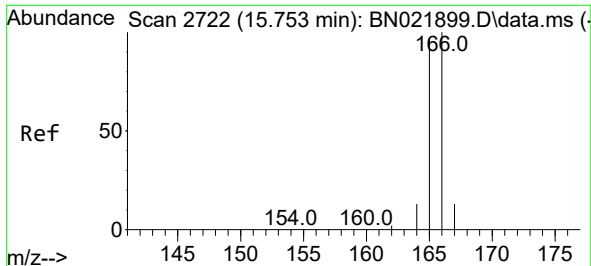
Tgt Ion:152 Resp: 12247
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.9 11.2 16.8



#11
Acenaphthene
Concen: 0.431 ng/ul
RT: 14.768 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021920.D
Acq: 26 Sep 2022 16:18

Tgt Ion:153 Resp: 10900
Ion Ratio Lower Upper
153 100
152 50.1 40.2 60.4
154 88.7 70.7 106.1

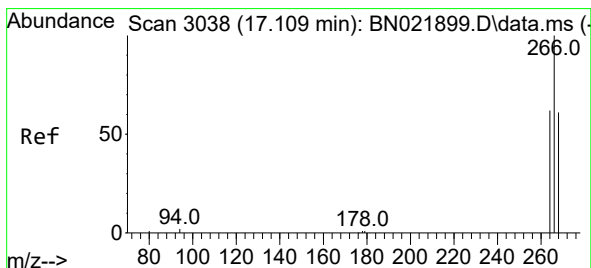
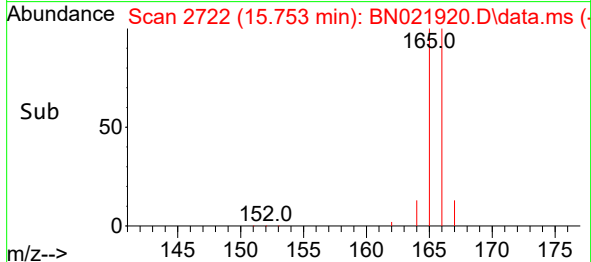
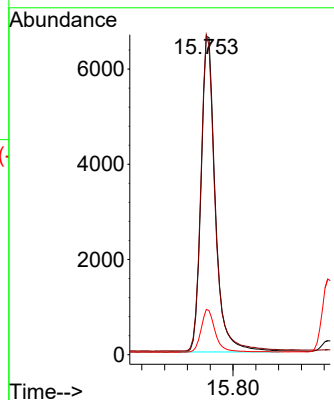
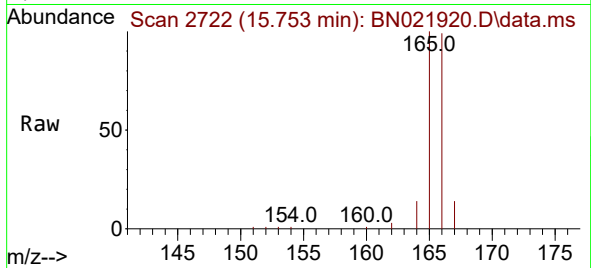




#12
 Fluorene
 Concen: 0.406 ng/ul
 RT: 15.753 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN021920.D
 Acq: 26 Sep 2022 16:18

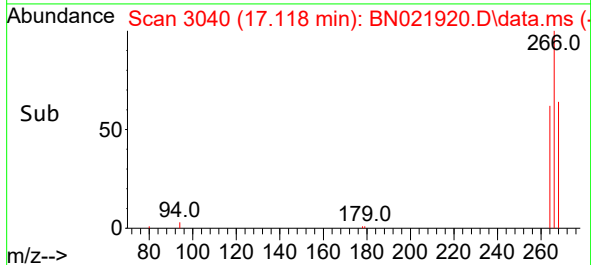
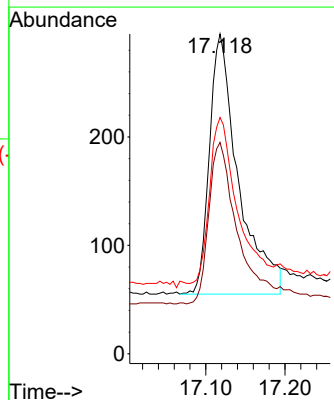
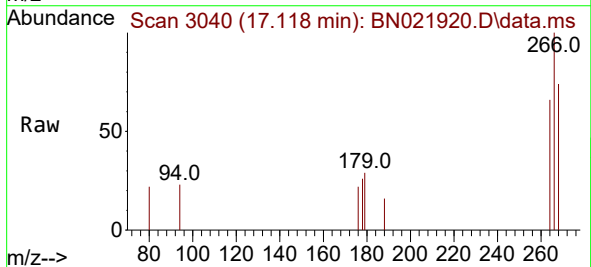
Instrument :
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 ClientSampleId :
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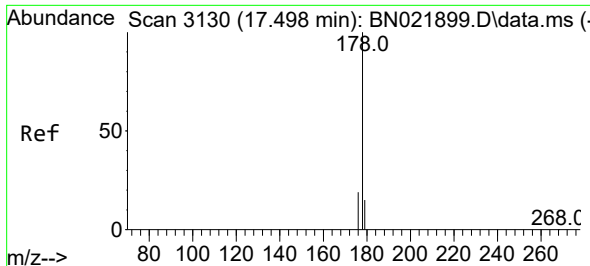
Tgt Ion:166 Resp: 11520
 Ion Ratio Lower Upper
 166 100
 165 100.5 78.6 117.8
 167 14.2 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.258 ng/ul
 RT: 17.118 min Scan# 3040
 Delta R.T. 0.009 min
 Lab File: BN021920.D
 Acq: 26 Sep 2022 16:18

Tgt Ion:266 Resp: 609
 Ion Ratio Lower Upper
 266 100
 264 61.7 49.8 74.8
 268 61.9 50.6 75.8

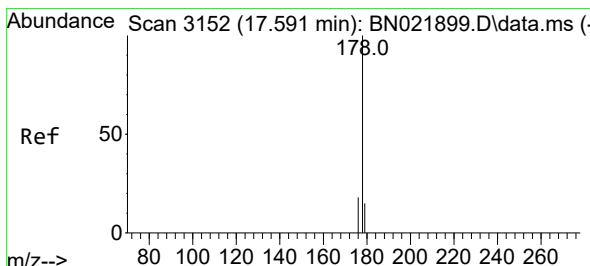
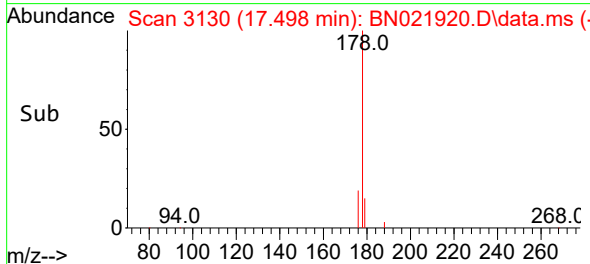
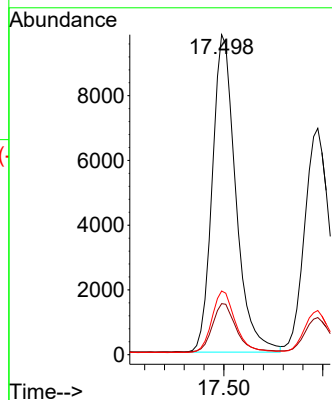
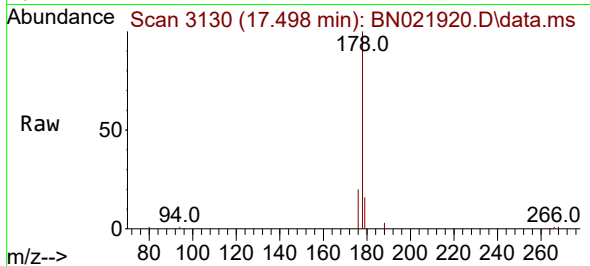




#15
Phenanthrene
Concen: 0.421 ng/ul
RT: 17.498 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN021920.D
Acq: 26 Sep 2022 16:18

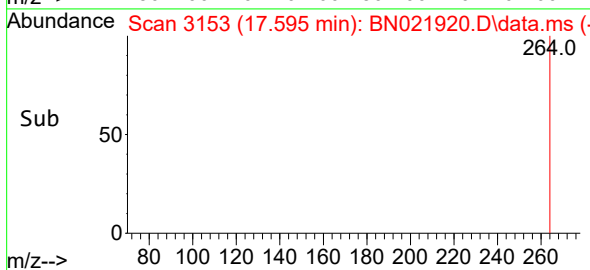
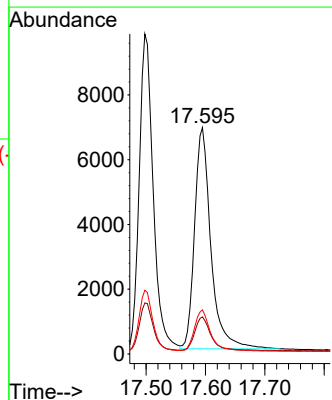
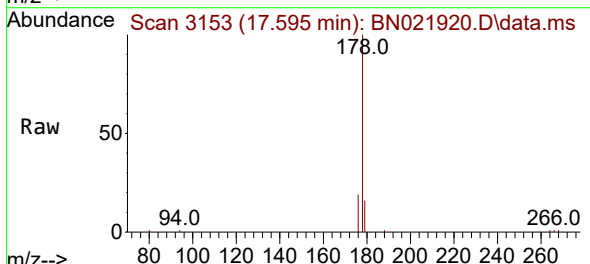
Instrument :
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ClientSampleId :
SSTD0.4314

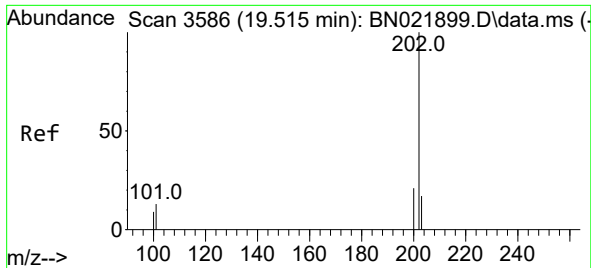
Tgt Ion:	178	Resp:	16183
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.8	19.2
176	19.9	15.9	23.9



#16
Anthracene
Concen: 0.409 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BN021920.D
Acq: 26 Sep 2022 16:18

Tgt Ion:	178	Resp:	13059
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.9	19.3
176	19.5	15.9	23.9

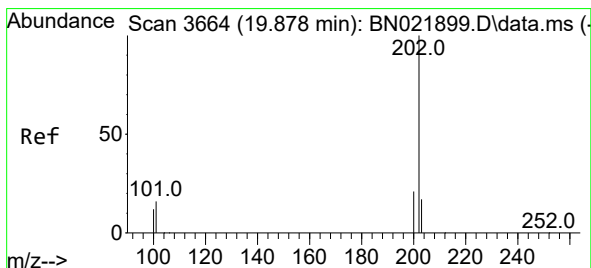
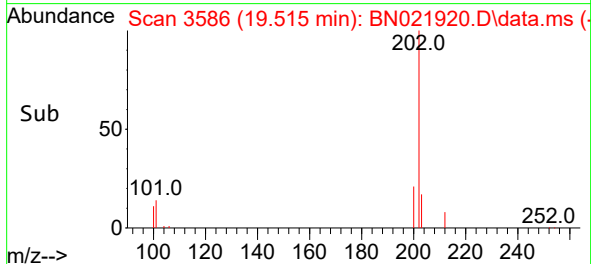
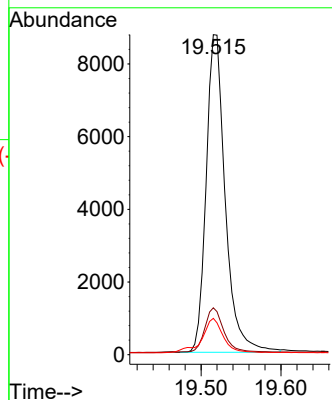
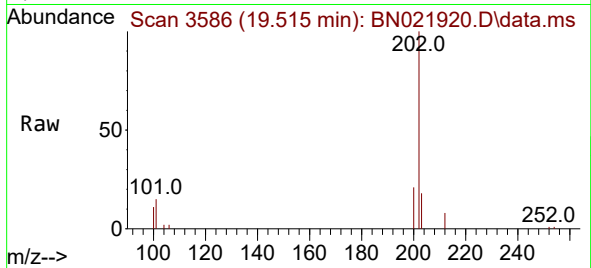




#19
Fluoranthene
Concen: 0.437 ng/ul
RT: 19.515 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BN021920.D
Acq: 26 Sep 2022 16:18

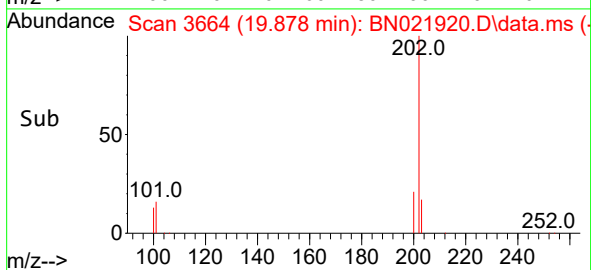
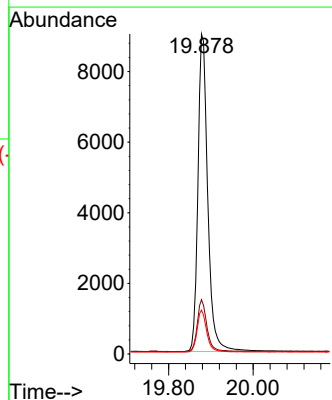
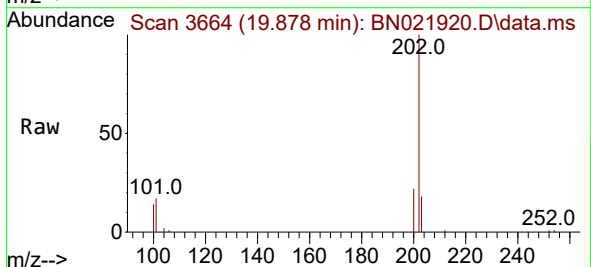
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SSTD0.4314

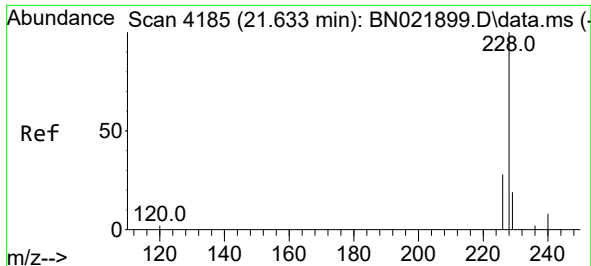
Tgt Ion:202 Resp: 14534
Ion Ratio Lower Upper
202 100
101 14.7 10.0 15.0
100 11.3 8.0 12.0



#20
Pyrene
Concen: 0.443 ng/ul
RT: 19.878 min Scan# 3664
Delta R.T. 0.000 min
Lab File: BN021920.D
Acq: 26 Sep 2022 16:18

Tgt Ion:202 Resp: 14548
Ion Ratio Lower Upper
202 100
101 17.0 11.3 16.9#
100 13.7 9.0 13.4#

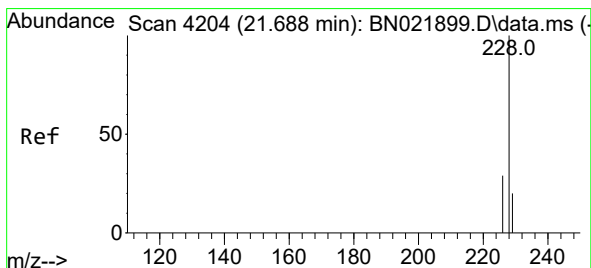
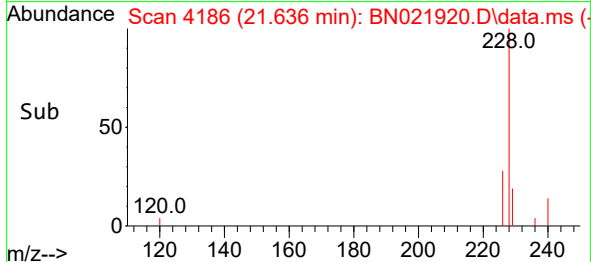
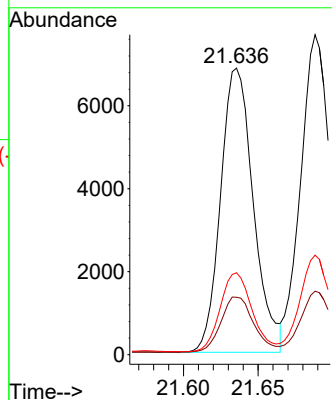
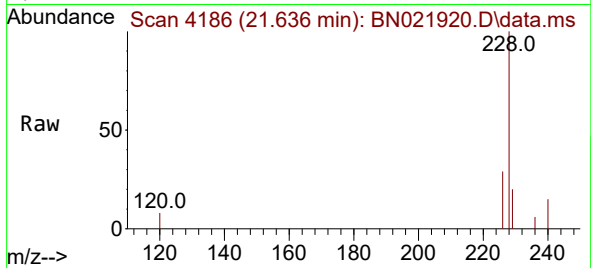




#21
Benzo(a)anthracene
Concen: 0.439 ng/ul
RT: 21.636 min Scan# 4185
Delta R.T. 0.006 min
Lab File: BN021920.D
Acq: 26 Sep 2022 16:18

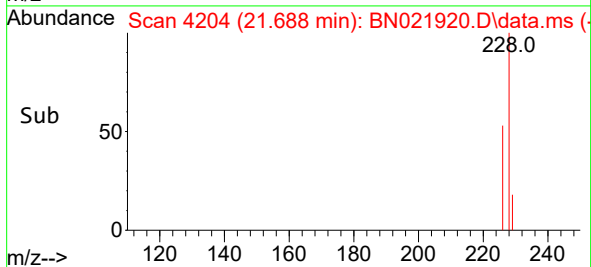
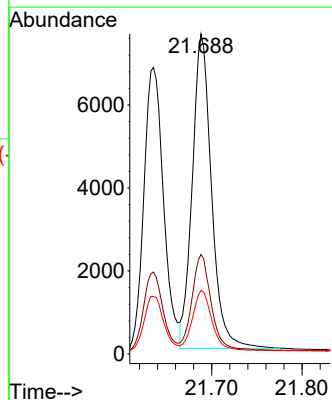
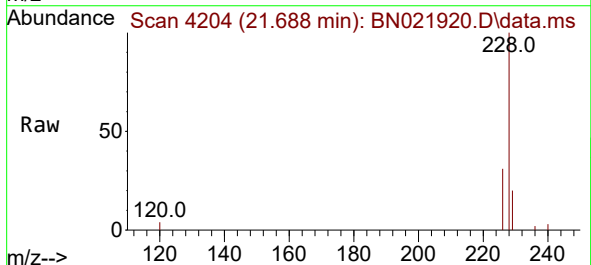
Instrument :
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SSTD0.4314

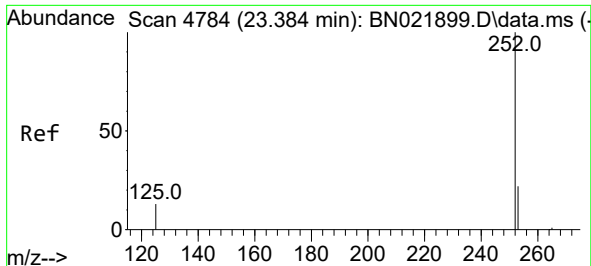
Tgt Ion:228 Resp: 10467
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 28.6 21.9 32.9



#22
Chrysene
Concen: 0.430 ng/ul
RT: 21.688 min Scan# 4204
Delta R.T. 0.003 min
Lab File: BN021920.D
Acq: 26 Sep 2022 16:18

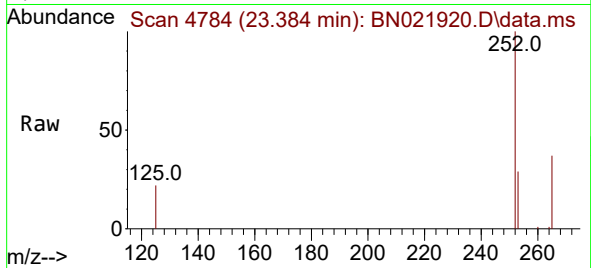
Tgt Ion:228 Resp: 11192
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 19.9 15.8 23.8



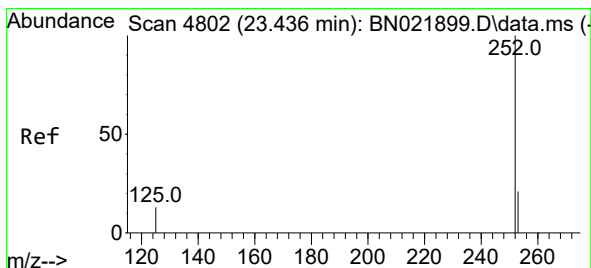
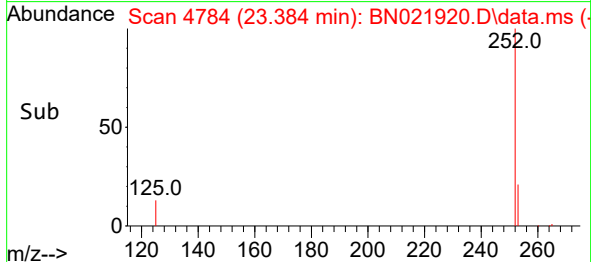
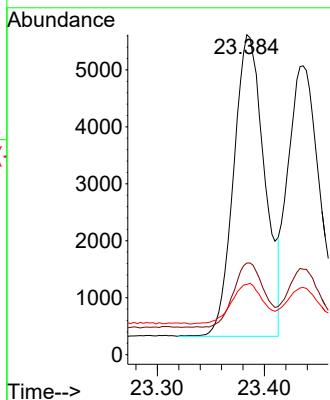


#24
Benzo(b)fluoranthene
Concen: 0.395 ng/ul
RT: 23.384 min Scan# 4784
Delta R.T. 0.003 min
Lab File: BN021920.D
Acq: 26 Sep 2022 16:18

Instrument :
BNA_N
ClientSampleId :
SSTD0.4314

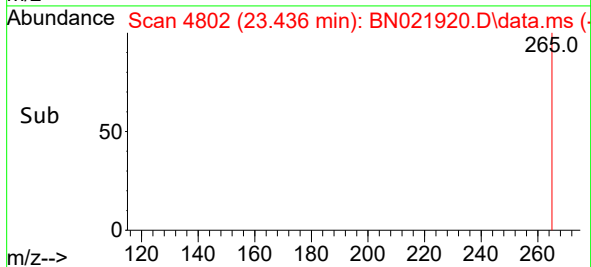
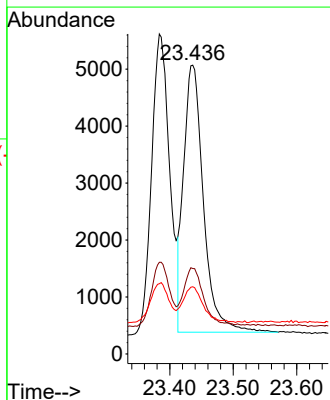
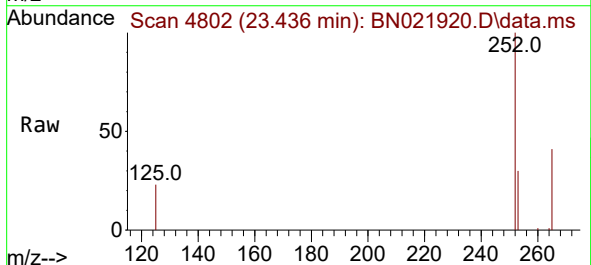


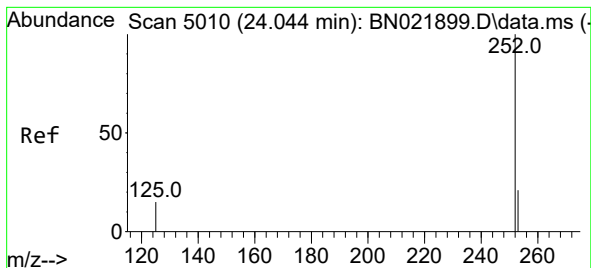
Tgt Ion:252 Resp: 10604
Ion Ratio Lower Upper
252 100
253 28.6 0.0 50.8
125 21.9 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul
RT: 23.436 min Scan# 4802
Delta R.T. 0.006 min
Lab File: BN021920.D
Acq: 26 Sep 2022 16:18

Tgt Ion:252 Resp: 10172
Ion Ratio Lower Upper
252 100
253 29.6 20.6 31.0
125 23.2 11.8 17.6#





#26

Benzo(a)pyrene

Concen: 0.403 ng/ul

RT: 24.047 min Scan# 5010

Delta R.T. 0.006 min

Lab File: BN021920.D

Acq: 26 Sep 2022 16:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.4314

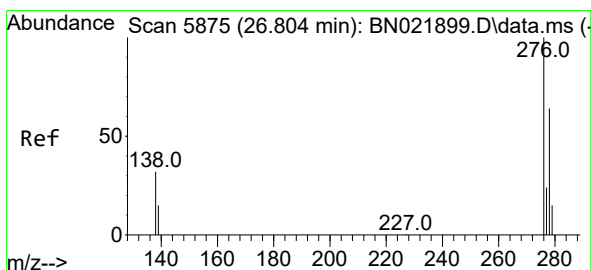
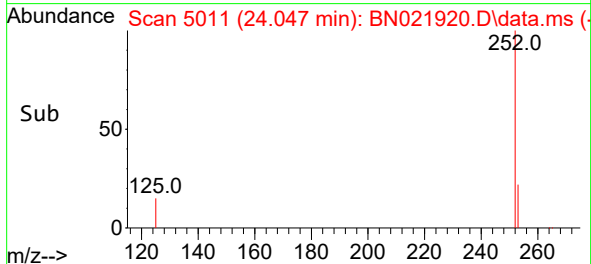
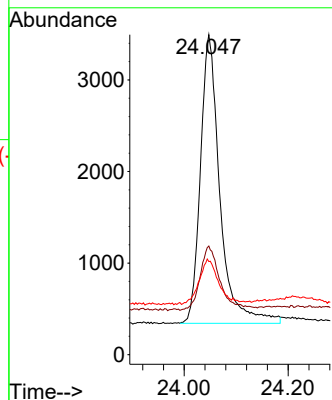
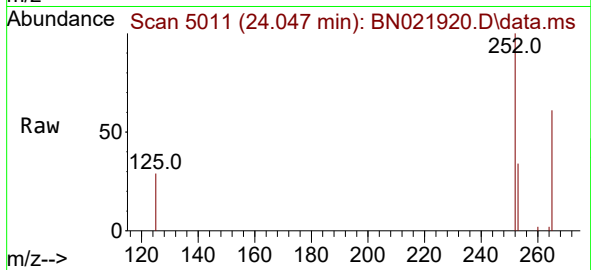
Tgt Ion:252 Resp: 8202

Ion Ratio Lower Upper

252 100

253 33.9 22.1 33.1#

125 29.1 14.7 22.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.404 ng/ul

RT: 26.804 min Scan# 5875

Delta R.T. 0.014 min

Lab File: BN021920.D

Acq: 26 Sep 2022 16:18

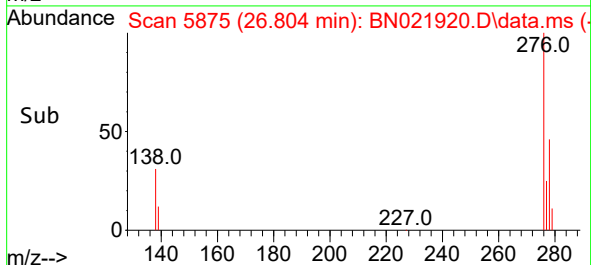
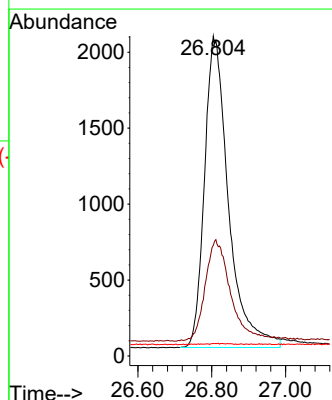
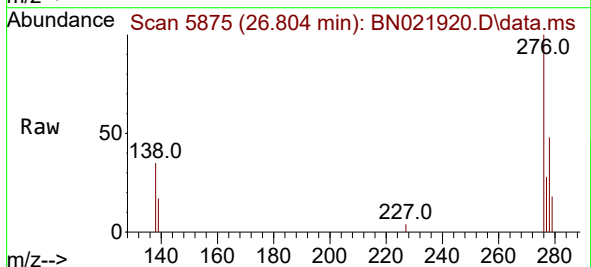
Tgt Ion:276 Resp: 9242

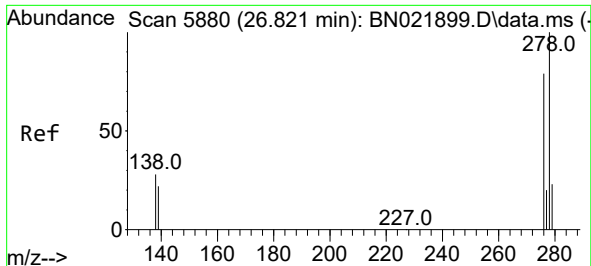
Ion Ratio Lower Upper

276 100

138 34.0 26.1 39.1

227 0.1 0.1 0.1

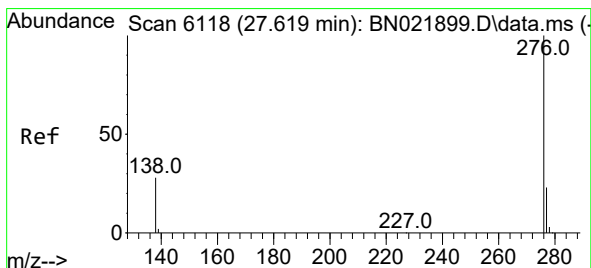
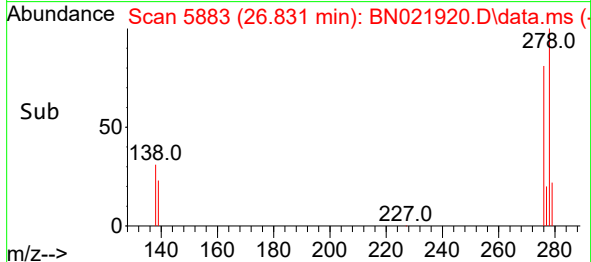
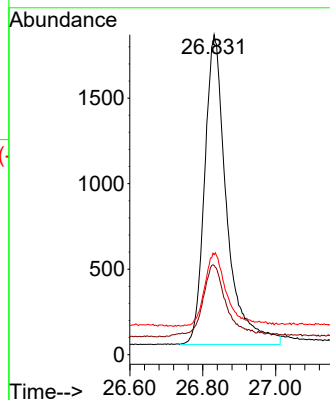
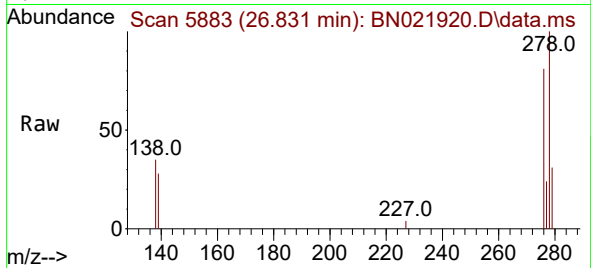




#28
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 26.831 min Scan# 5883
Delta R.T. 0.014 min
Lab File: BN021920.D
Acq: 26 Sep 2022 16:18

Instrument :
BNA_N
ClientSampleId :
SSTD0.4314

Tgt Ion:278 Resp: 7587
Ion Ratio Lower Upper
278 100
139 27.8 18.3 27.5#
279 31.3 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.442 ng/ul
RT: 27.619 min Scan# 6118
Delta R.T. 0.010 min
Lab File: BN021920.D
Acq: 26 Sep 2022 16:18

Tgt Ion:276 Resp: 9332
Ion Ratio Lower Upper
276 100
138 33.0 22.6 34.0
277 26.7 20.2 30.2

