

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010422\
 Data File : BN018334.D
 Acq On : 04 Jan 2022 14:40
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV221

Quant Time: Jan 04 17:22:16 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 04 13:43:36 2022
 Response via : Initial Calibration

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

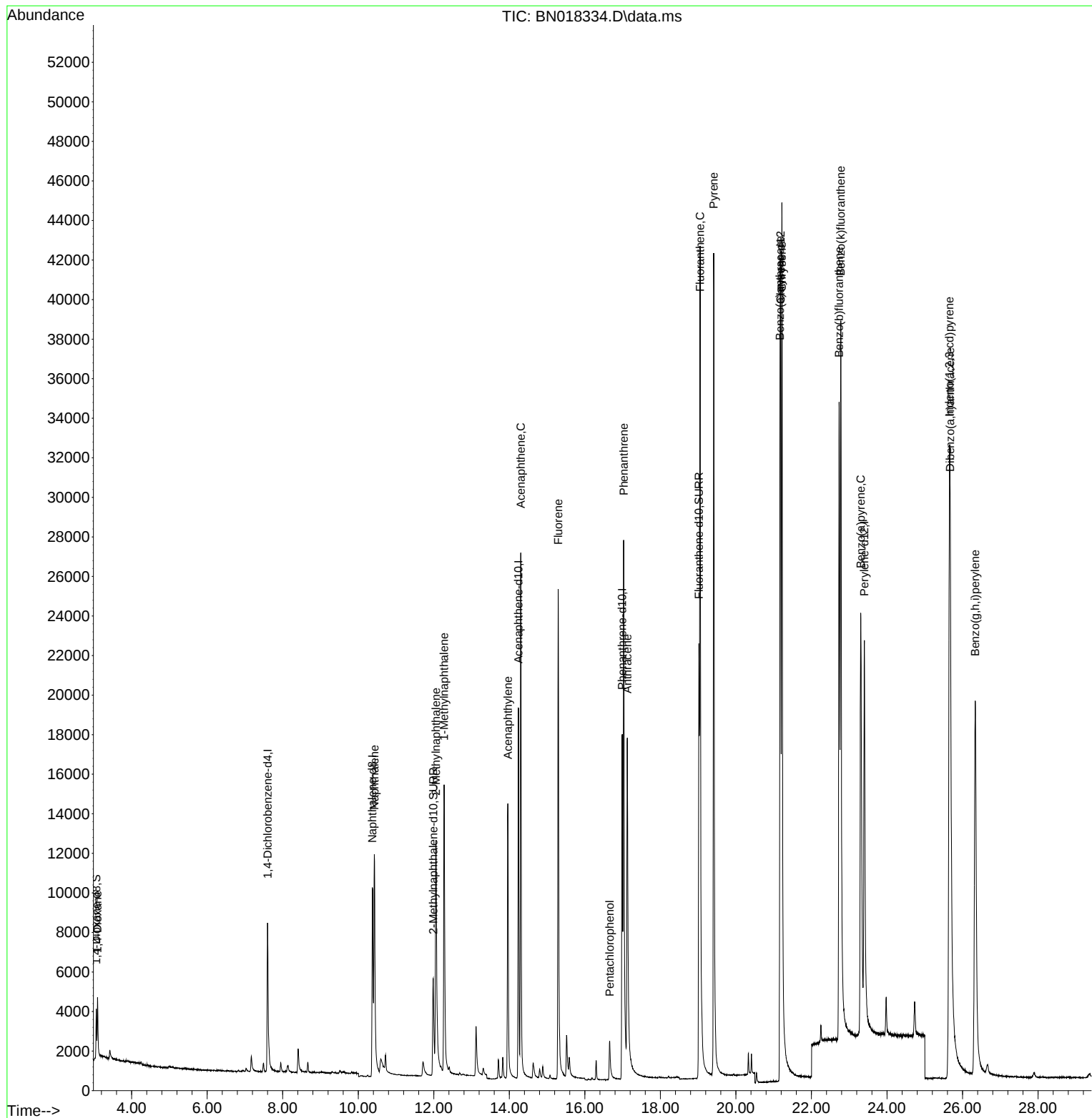
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	5165	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	17246	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.244	164	11464	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.990	188	26073	0.400	ng/ul	0.00
17) Chrysene-d12	21.184	240	28522	0.400	ng/ul	0.00
23) Perylene-d12	23.403	264	28649	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	1850	0.396	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.987	152	9644	0.411	ng/ul	0.00
18) Fluoranthene-d10	19.021	212	32107	0.420	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.097	88	2313	0.422	ng/ul#	73
5) Naphthalene	10.426	128	19661	0.418	ng/ul	100
7) 2-Methylnaphthalene	12.059	142	12645	0.419	ng/ul	100
8) 1-Methylnaphthalene	12.273	142	12697	0.393	ng/ul	99
10) Acenaphthylene	13.961	152	19406	0.446	ng/ul	99
11) Acenaphthene	14.304	153	16292	0.415	ng/ul	99
12) Fluorene	15.294	166	19348	0.412	ng/ul	98
14) Pentachlorophenol	16.656	266	2083	0.343	ng/ul	99
15) Phenanthrene	17.028	178	34614	0.419	ng/ul	100
16) Anthracene	17.125	178	27531	0.415	ng/ul	99
19) Fluoranthene	19.049	202	43595	0.422	ng/ul	98
20) Pyrene	19.412	202	46018	0.425	ng/ul	100
21) Benzo(a)anthracene	21.167	228	34738	0.391	ng/ul	100
22) Chrysene	21.217	228	49001	0.435	ng/ul	99
24) Benzo(b)fluoranthene	22.733	252	45081	0.385	ng/ul	99
25) Benzo(k)fluoranthene	22.777	252	57575	0.419	ng/ul	100
26) Benzo(a)pyrene	23.306	252	46669	0.444	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.656	276	57726	0.426	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.676	278	44179	0.429	ng/ul	99
29) Benzo(g,h,i)perylene	26.336	276	49679	0.405	ng/ul	99

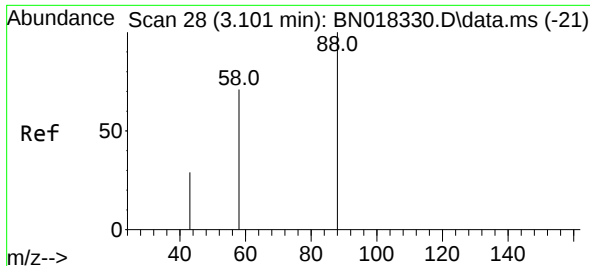
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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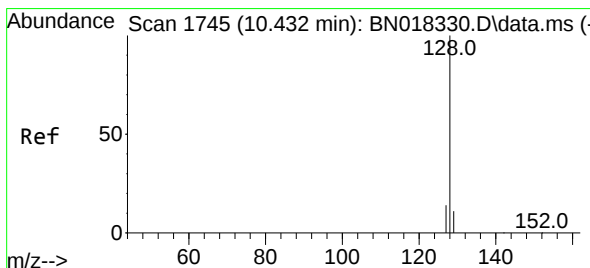
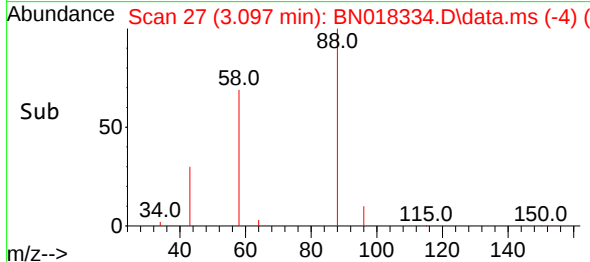
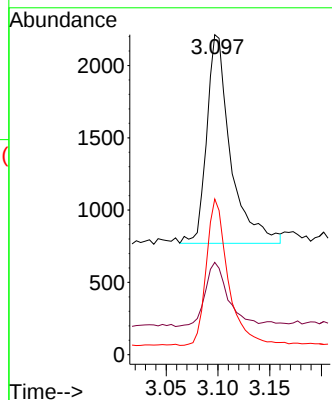
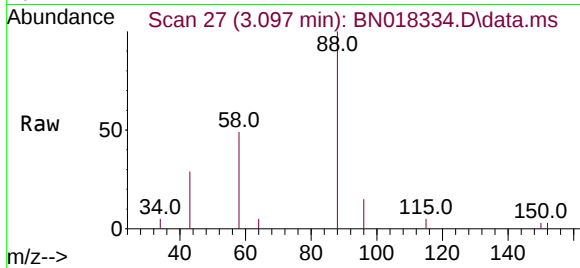




#2
1,4-Dioxane
Concen: 0.422 ng/ul
RT: 3.097 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN018334.D
Acq: 04 Jan 2022 14:40

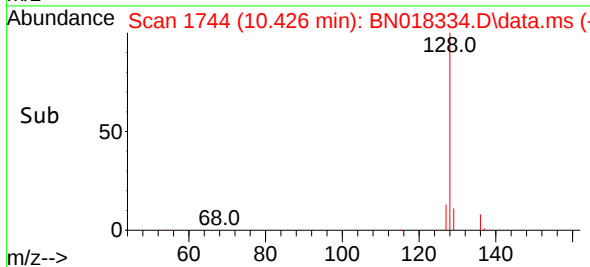
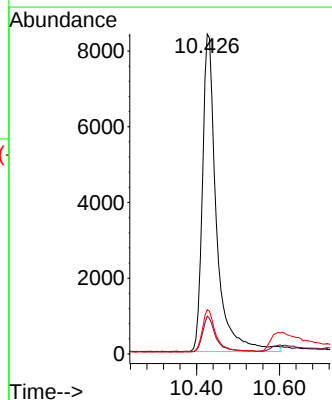
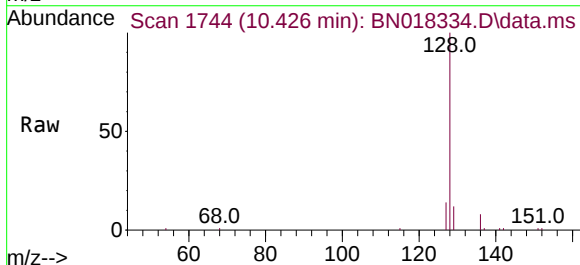
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BNA_N
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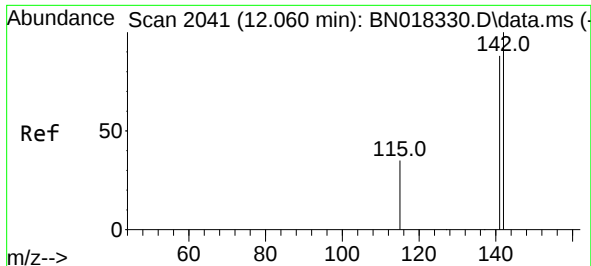
Tgt Ion: 88 Resp: 2313
Ion Ratio Lower Upper
88 100
43 28.9 47.8 71.8#
58 48.7 46.2 69.2



#5
Naphthalene
Concen: 0.418 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.007 min
Lab File: BN018334.D
Acq: 04 Jan 2022 14:40

Tgt Ion:128 Resp: 19661
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.9 11.0 16.6

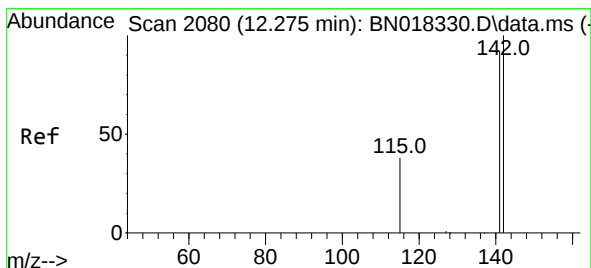
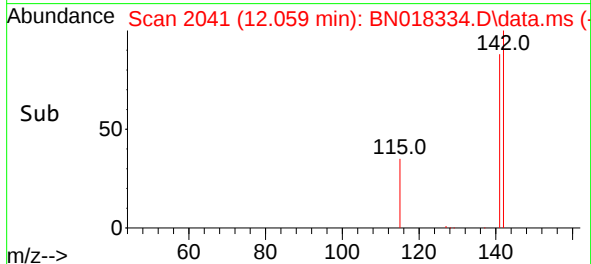
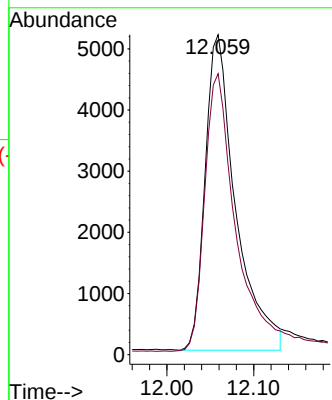
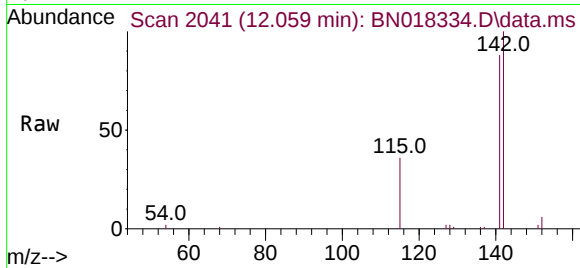




#7
2-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.001 min
Lab File: BN018334.D
Acq: 04 Jan 2022 14:40

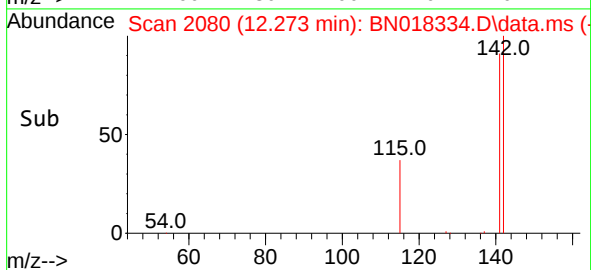
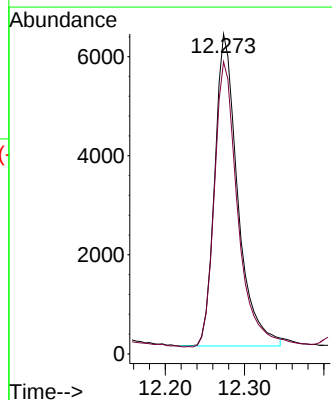
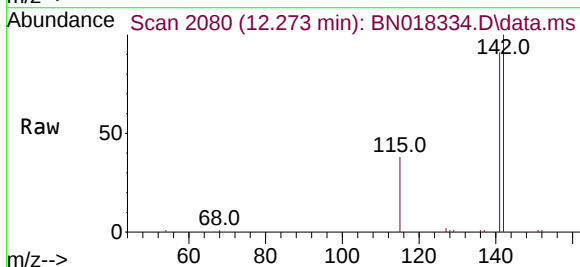
Instrument :
BNA_N
ClientSampleId :
SICV221

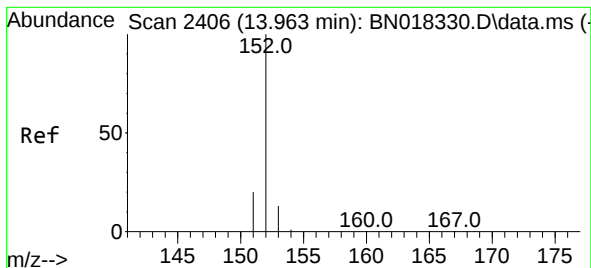
Tgt Ion:142 Resp: 12645
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.273 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BN018334.D
Acq: 04 Jan 2022 14:40

Tgt Ion:142 Resp: 12697
Ion Ratio Lower Upper
142 100
141 92.6 73.2 109.8





#10

Acenaphthylene

Concen: 0.446 ng/ul

RT: 13.961 min Scan# 2406

Delta R.T. -0.001 min

Lab File: BN018334.D

Acq: 04 Jan 2022 14:40

Instrument :

BNA_N

ClientSampleId :

SICV221

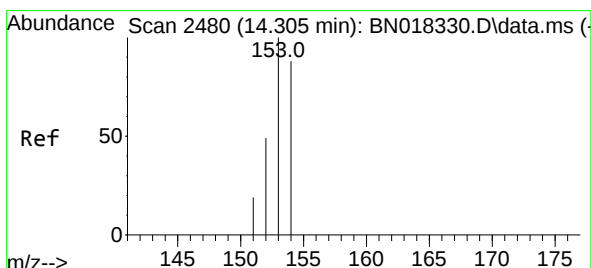
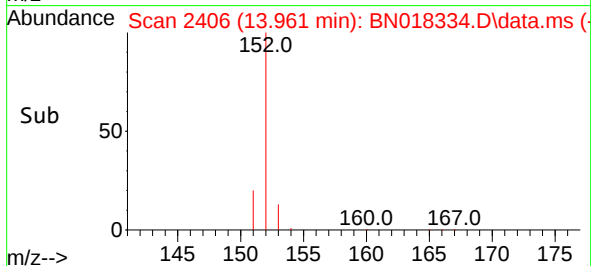
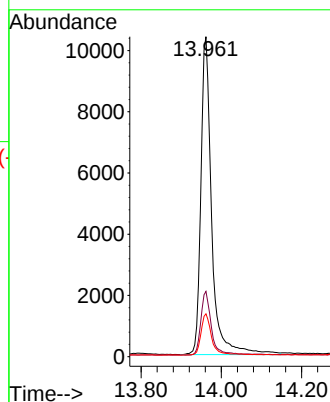
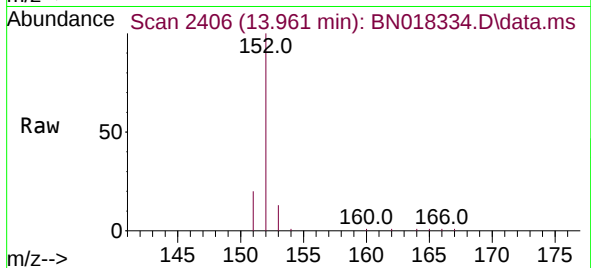
Tgt Ion:152 Resp: 19406

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

153 13.4 10.7 16.1



#11

Acenaphthene

Concen: 0.415 ng/ul

RT: 14.304 min Scan# 2480

Delta R.T. -0.001 min

Lab File: BN018334.D

Acq: 04 Jan 2022 14:40

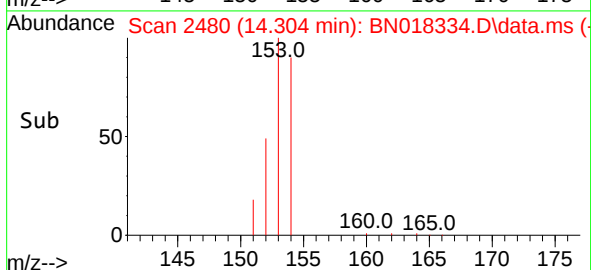
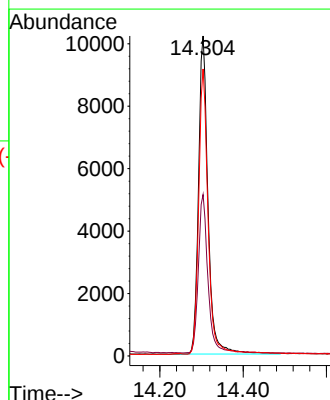
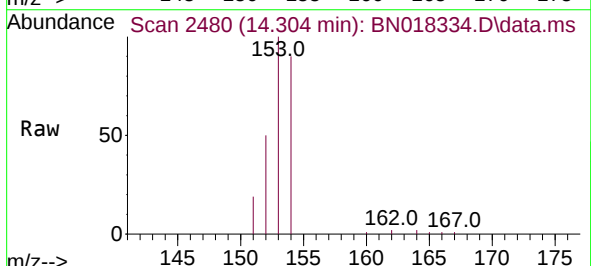
Tgt Ion:153 Resp: 16292

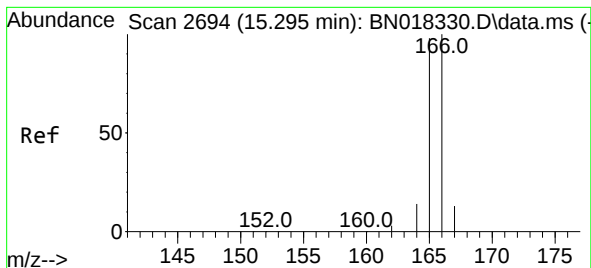
Ion Ratio Lower Upper

153 100

152 50.5 39.7 59.5

154 89.7 70.9 106.3





#12

Fluorene

Concen: 0.412 ng/ul

RT: 15.294 min Scan# 2694

Delta R.T. -0.001 min

Lab File: BN018334.D

Acq: 04 Jan 2022 14:40

Instrument :

BNA_N

ClientSampleId :

SICV221

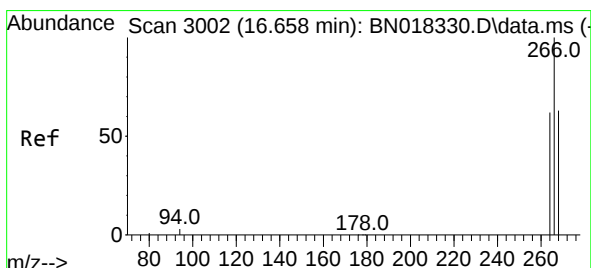
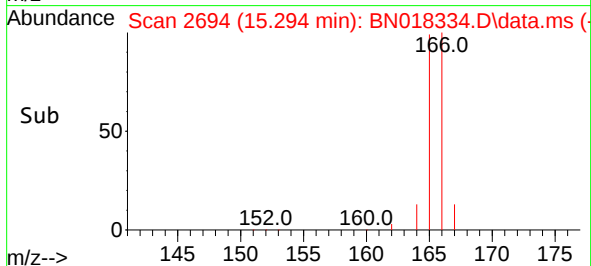
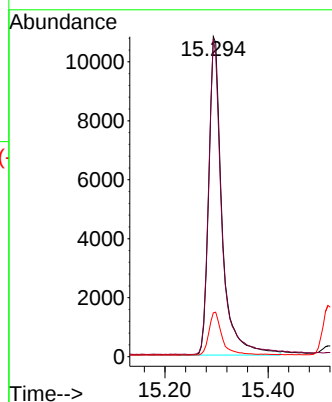
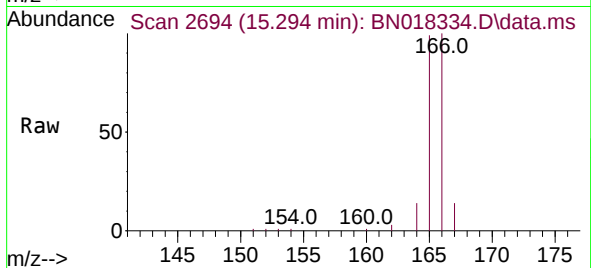
Tgt Ion:166 Resp: 19348

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.6

167 13.7 11.6 17.4



#14

Pentachlorophenol

Concen: 0.343 ng/ul

RT: 16.656 min Scan# 3002

Delta R.T. -0.001 min

Lab File: BN018334.D

Acq: 04 Jan 2022 14:40

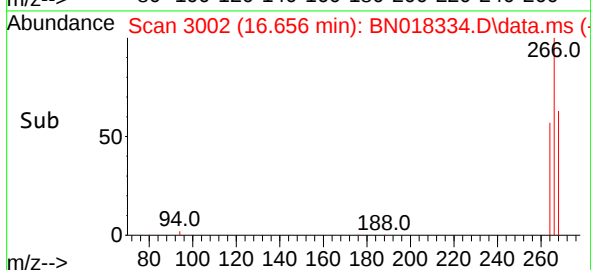
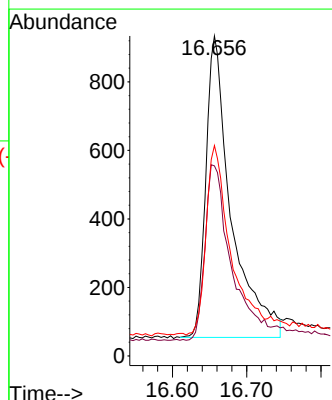
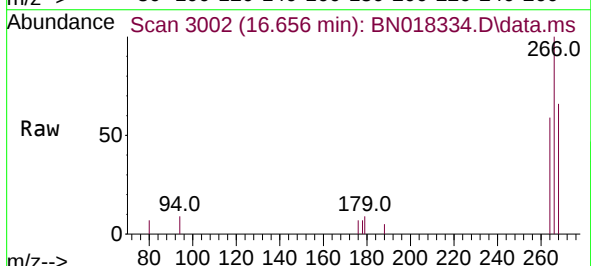
Tgt Ion:266 Resp: 2083

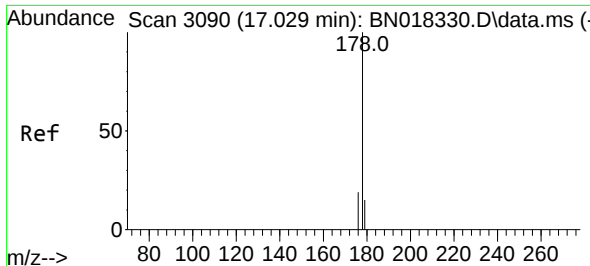
Ion Ratio Lower Upper

266 100

264 61.7 49.9 74.9

268 63.9 51.7 77.5

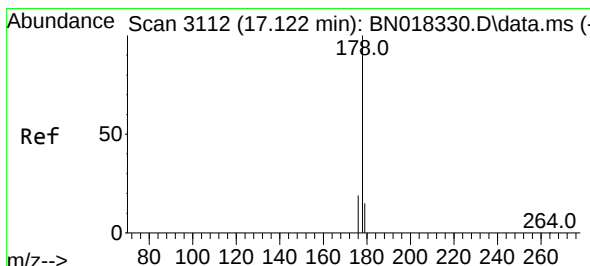
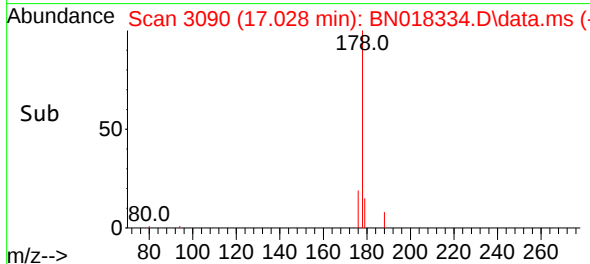
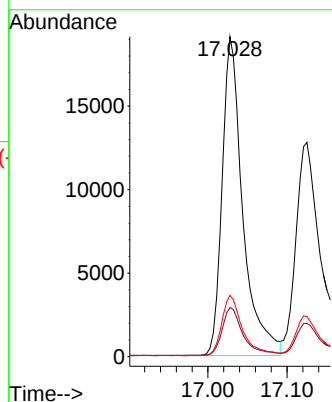
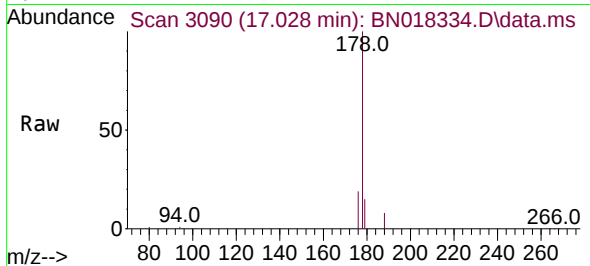




#15
Phenanthrene
Concen: 0.419 ng/ul
RT: 17.028 min Scan# 3090
Delta R.T. -0.001 min
Lab File: BN018334.D
Acq: 04 Jan 2022 14:40

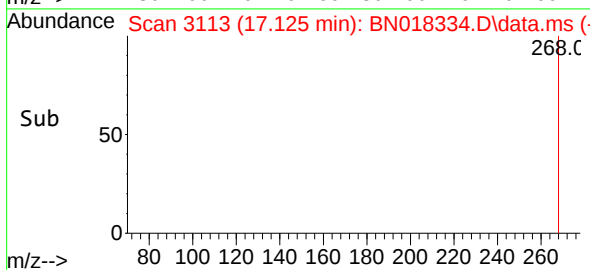
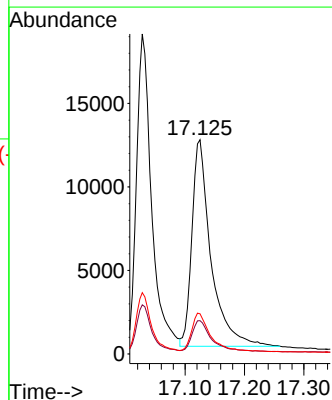
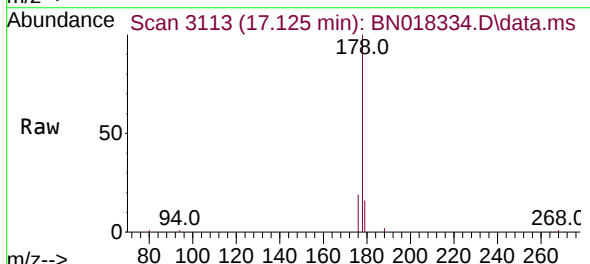
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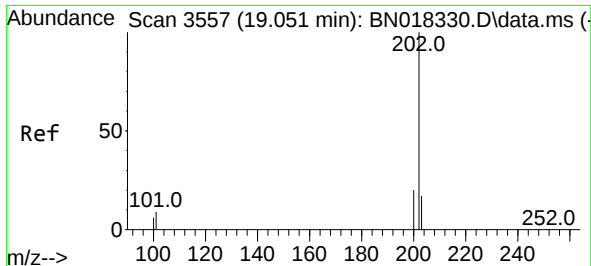
Tgt Ion:178 Resp: 34614
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.1 15.4 23.2



#16
Anthracene
Concen: 0.415 ng/ul
RT: 17.125 min Scan# 3113
Delta R.T. 0.003 min
Lab File: BN018334.D
Acq: 04 Jan 2022 14:40

Tgt Ion:178 Resp: 27531
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 18.7 15.5 23.3

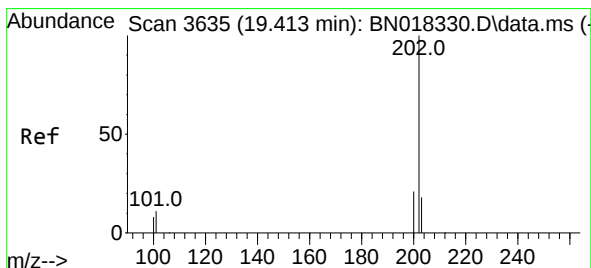
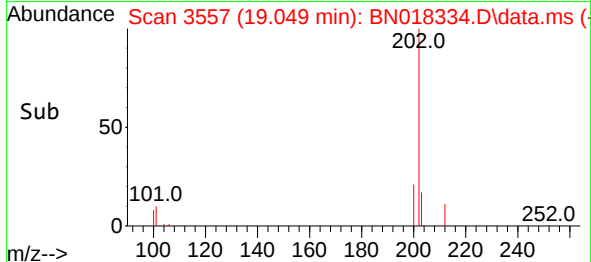
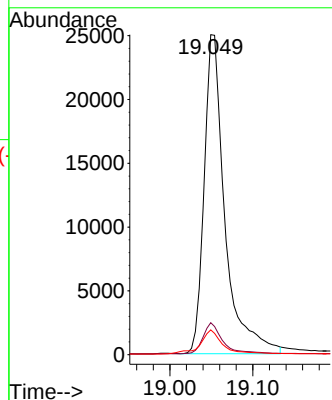
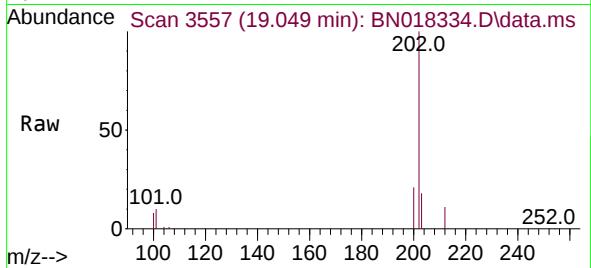




#19
Fluoranthene
Concen: 0.422 ng/ul
RT: 19.049 min Scan# 3557
Delta R.T. -0.001 min
Lab File: BN018334.D
Acq: 04 Jan 2022 14:40

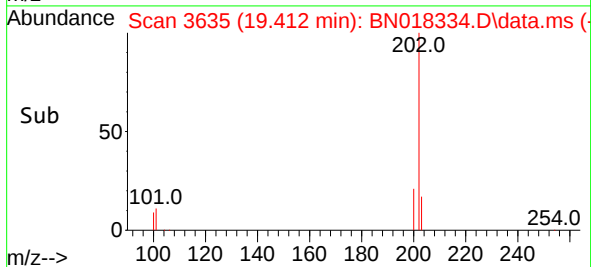
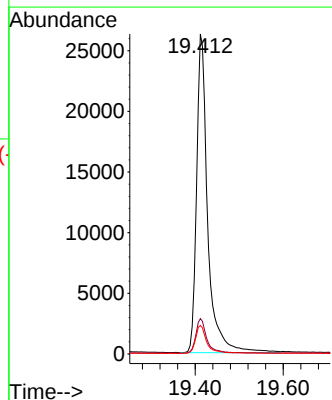
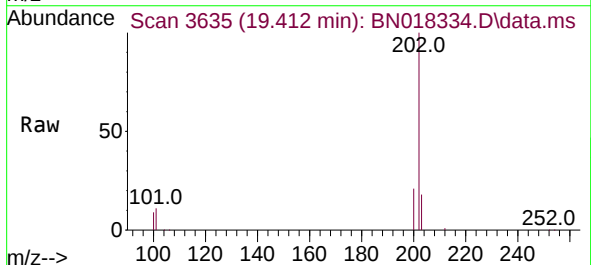
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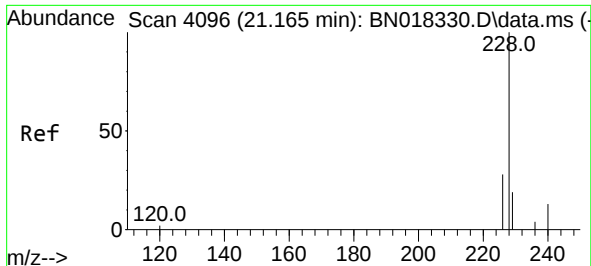
Tgt Ion:202 Resp: 43595
Ion Ratio Lower Upper
202 100
101 10.0 7.5 11.3
100 7.8 5.4 8.2



#20
Pyrene
Concen: 0.425 ng/ul
RT: 19.412 min Scan# 3635
Delta R.T. -0.001 min
Lab File: BN018334.D
Acq: 04 Jan 2022 14:40

Tgt Ion:202 Resp: 46018
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.4
100 8.9 7.0 10.4

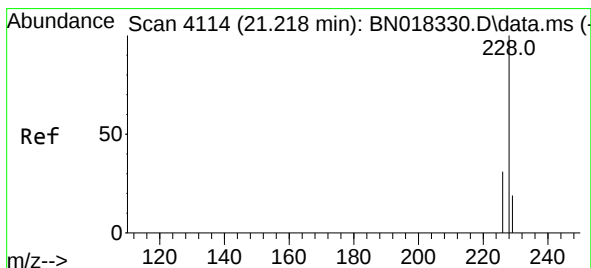
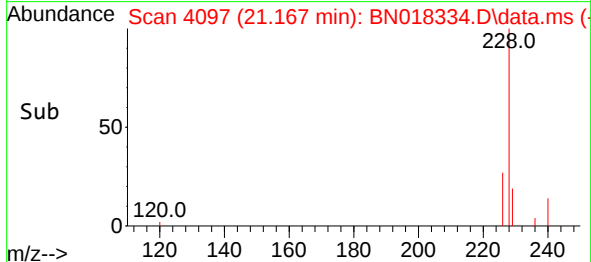
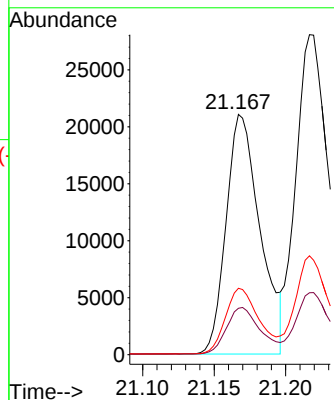
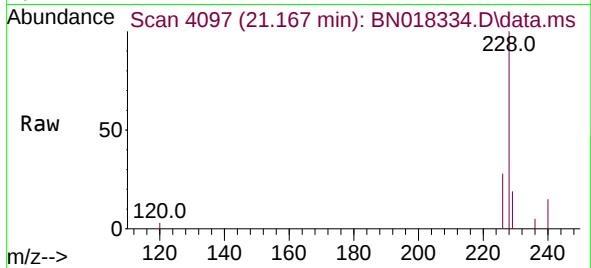




#21
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.167 min Scan# 4096
Delta R.T. 0.002 min
Lab File: BN018334.D
Acq: 04 Jan 2022 14:40

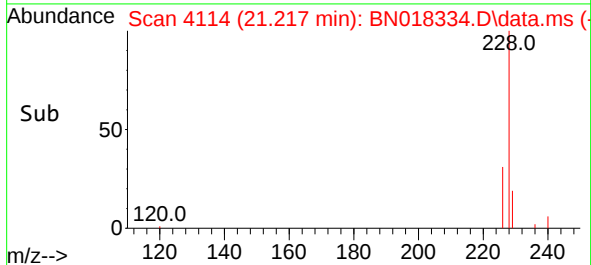
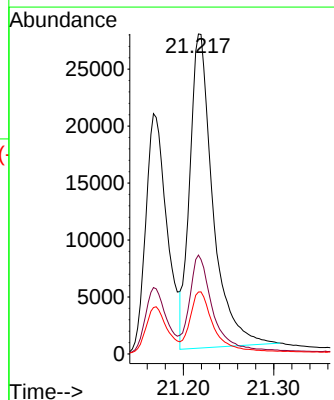
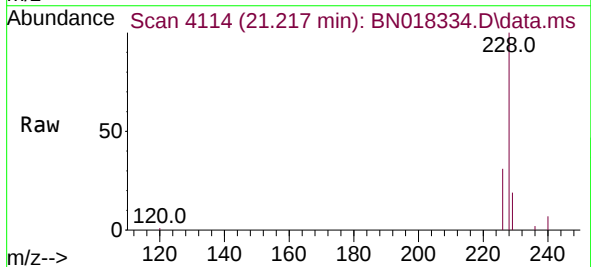
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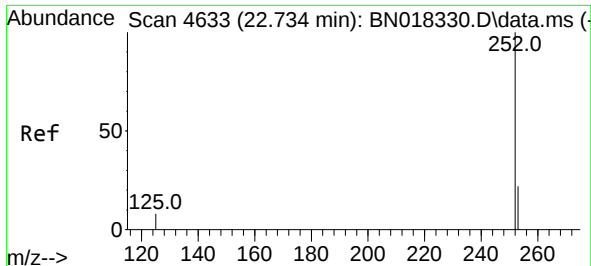
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Ion Ratio Lower Upper
228 100
229 19.3 15.6 23.4
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.435 ng/ul
RT: 21.217 min Scan# 4114
Delta R.T. -0.001 min
Lab File: BN018334.D
Acq: 04 Jan 2022 14:40

Tgt Ion:228 Resp: 49001
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.4
229 19.4 15.7 23.5

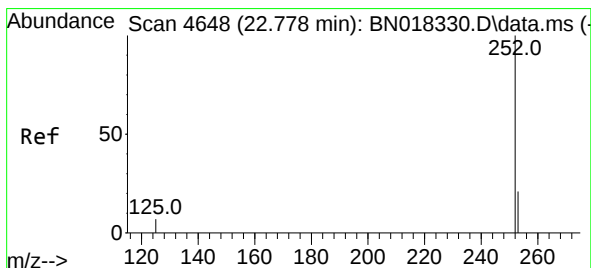
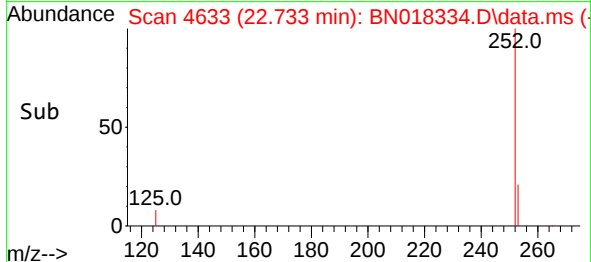
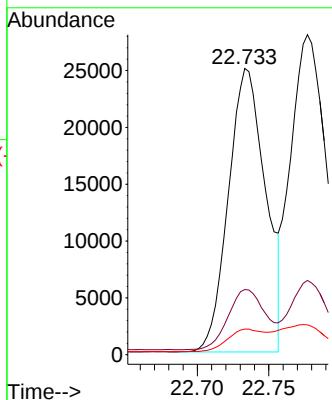
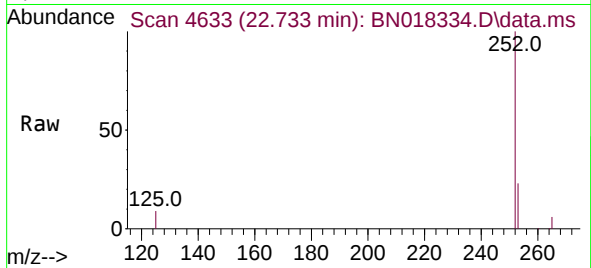




#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 22.733 min Scan# 4633
Delta R.T. -0.001 min
Lab File: BN018334.D
Acq: 04 Jan 2022 14:40

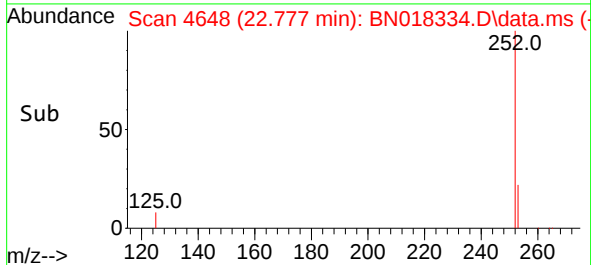
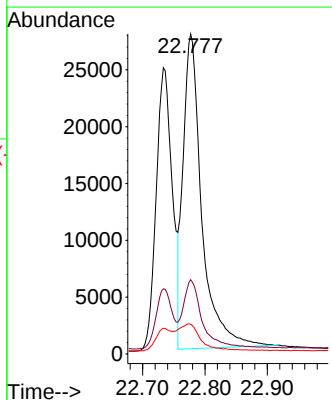
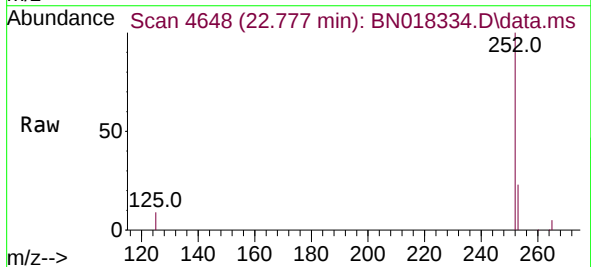
Instrument :
BNA_N
ClientSampleId :
SICV221

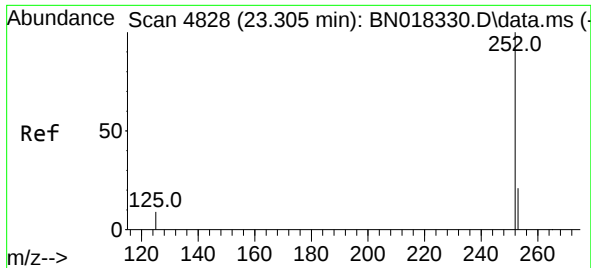
Tgt Ion:252 Resp: 45081
Ion Ratio Lower Upper
252 100
253 22.8 0.0 46.4
125 9.0 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.419 ng/ul
RT: 22.777 min Scan# 4648
Delta R.T. -0.001 min
Lab File: BN018334.D
Acq: 04 Jan 2022 14:40

Tgt Ion:252 Resp: 57575
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 9.3 7.3 10.9

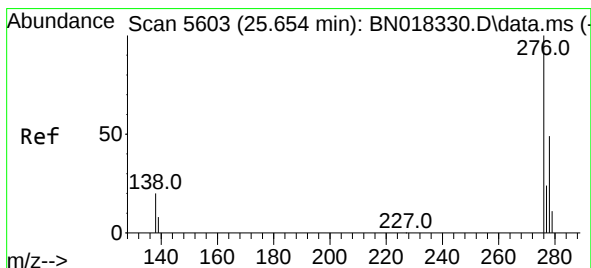
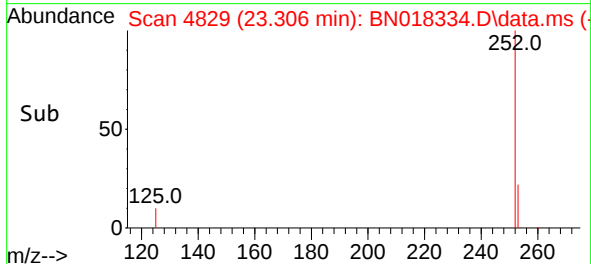
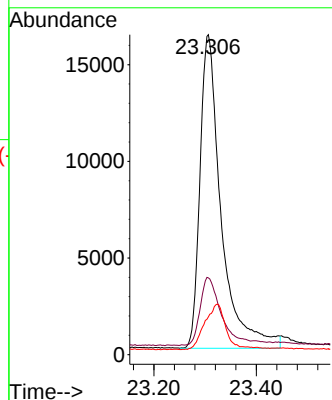
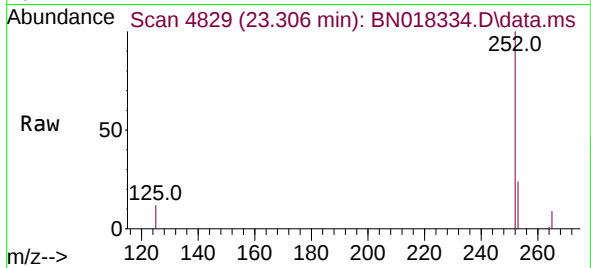




#26
Benzo(a)pyrene
Concen: 0.444 ng/ul
RT: 23.306 min Scan# 4829
Delta R.T. 0.002 min
Lab File: BN018334.D
Acq: 04 Jan 2022 14:40

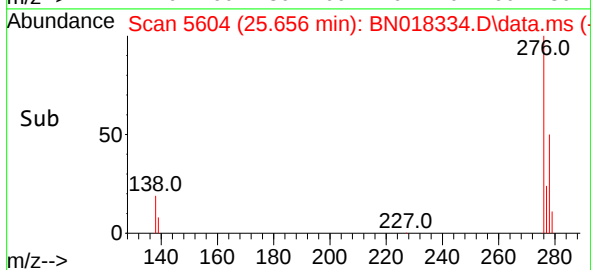
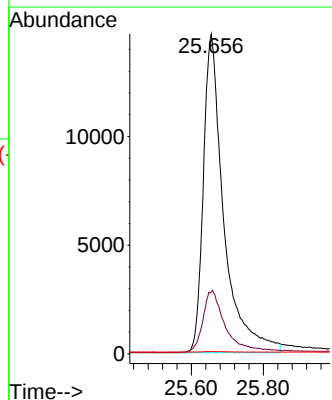
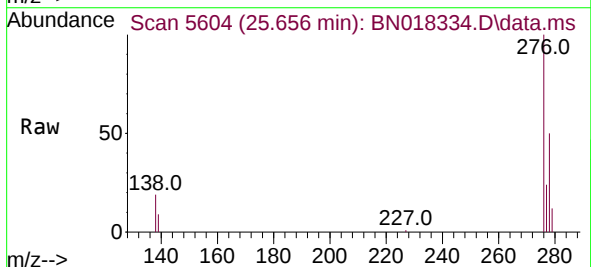
Instrument :
BNA_N
ClientSampleId :
SICV221

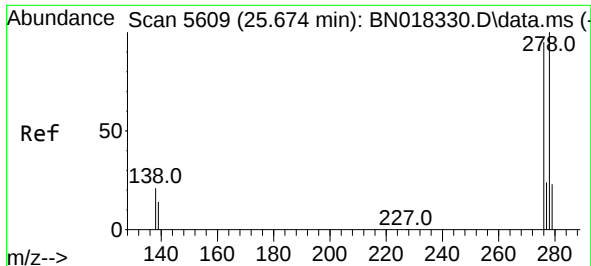
Tgt Ion:252 Resp: 46669
Ion Ratio Lower Upper
252 100
253 24.0 18.9 28.3
125 11.8 8.2 12.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng/ul
RT: 25.656 min Scan# 5604
Delta R.T. 0.002 min
Lab File: BN018334.D
Acq: 04 Jan 2022 14:40

Tgt Ion:276 Resp: 57726
Ion Ratio Lower Upper
276 100
138 21.6 16.5 24.7
227 0.1 0.1 0.1#

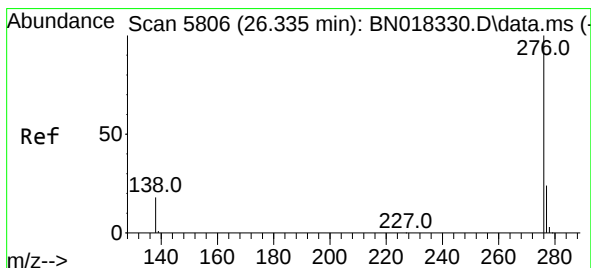
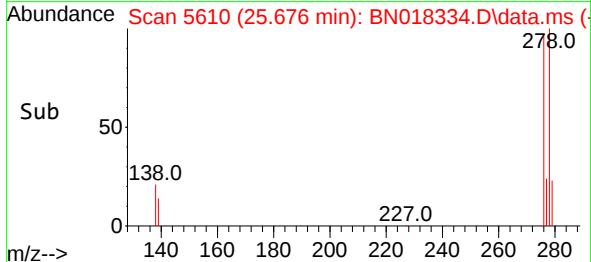
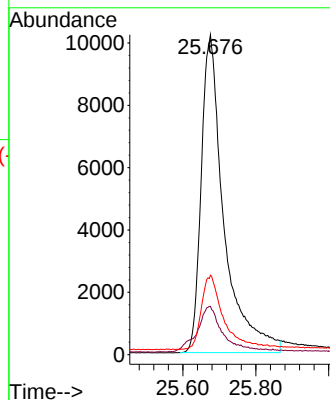
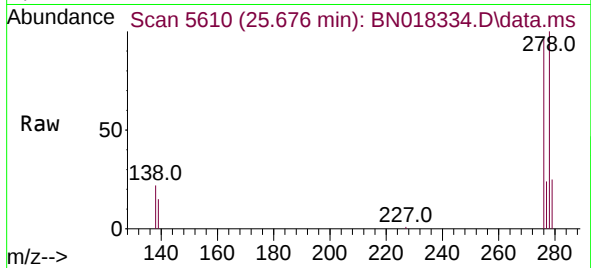




#28
 Dibenzo(a,h)anthracene
 Concen: 0.429 ng/ul
 RT: 25.676 min Scan# 5610
 Delta R.T. 0.002 min
 Lab File: BN018334.D
 Acq: 04 Jan 2022 14:40

Instrument :
 BNA_N
 ClientSampleId :
 SICV221

Tgt Ion:278 Resp: 44179
 Ion Ratio Lower Upper
 278 100
 139 15.1 11.9 17.9
 279 24.8 19.5 29.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.405 ng/ul
 RT: 26.336 min Scan# 5807
 Delta R.T. 0.002 min
 Lab File: BN018334.D
 Acq: 04 Jan 2022 14:40

Tgt Ion:276 Resp: 49679
 Ion Ratio Lower Upper
 276 100
 138 18.1 14.4 21.6
 277 23.6 19.2 28.8

