

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062922\
 Data File : BN020581.D
 Acq On : 29 Jun 2022 22:11
 Operator : CG/JU
 Sample : PB145836BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS836

Quant Time: Jun 29 22:38:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:17:34 2022
 Response via : Initial Calibration

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

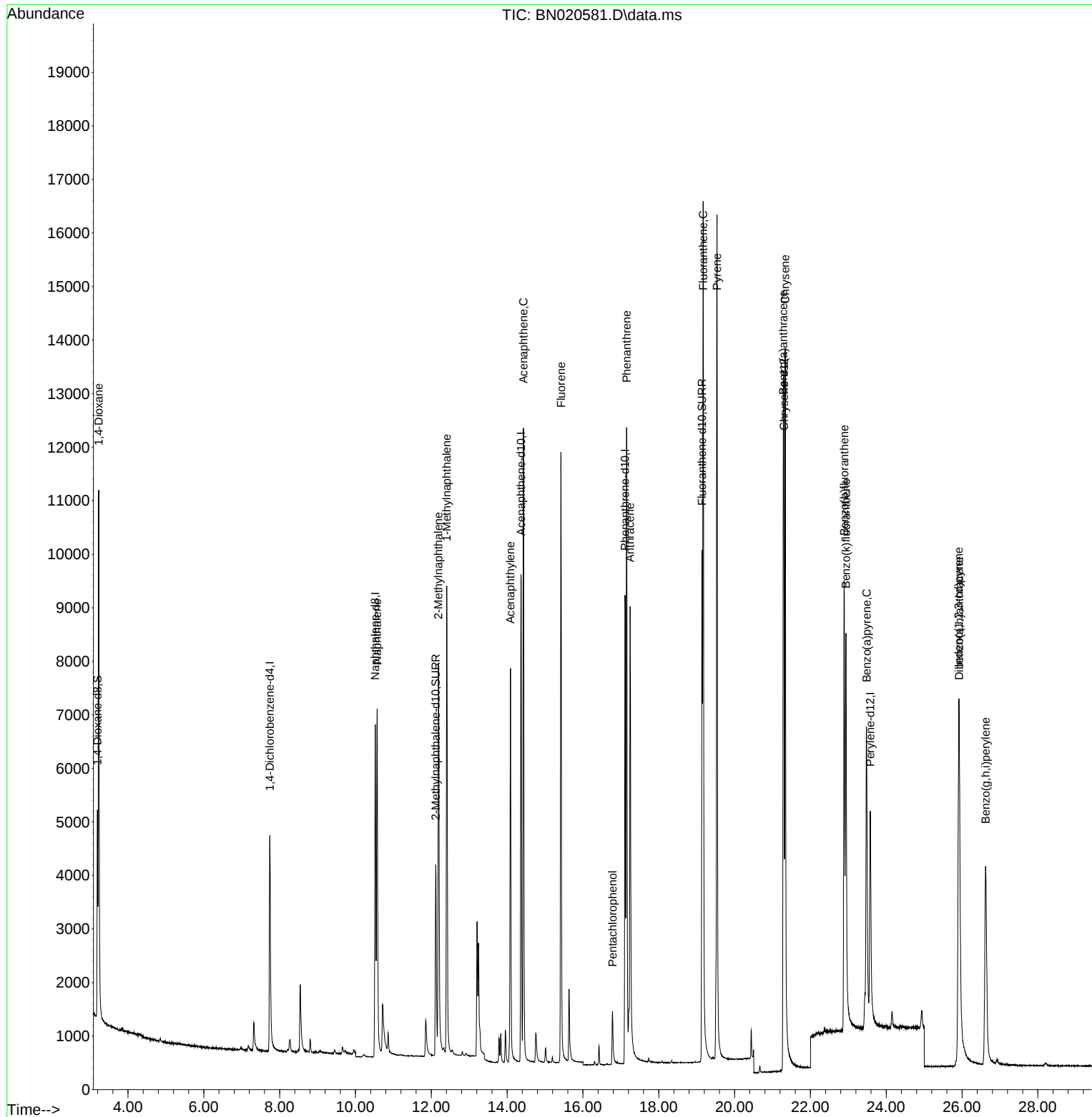
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	2861	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.523	136	9300	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.371	164	5450	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.110	188	10924	0.400	ng/ul	0.00
17) Chrysene-d12	21.301	240	8463	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	6176	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2477	0.747	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.117	152	5601	0.367	ng/ul	-0.01
18) Fluoranthene-d10	19.140	212	11850	0.425	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.227	88	6418	1.896	ng/ul#	80
5) Naphthalene	10.572	128	10279	0.358	ng/ul	100
7) 2-Methylnaphthalene	12.189	142	6455	0.336	ng/ul	99
8) 1-Methylnaphthalene	12.409	142	6855	0.376	ng/ul	100
10) Acenaphthylene	14.089	152	9168	0.355	ng/ul	99
11) Acenaphthene	14.431	153	7434	0.360	ng/ul	100
12) Fluorene	15.421	166	8317	0.339	ng/ul	99
14) Pentachlorophenol	16.781	266	911	0.414	ng/ul	99
15) Phenanthrene	17.153	178	13837	0.364	ng/ul	100
16) Anthracene	17.245	178	11393	0.348	ng/ul	100
19) Fluoranthene	19.173	202	15220	0.394	ng/ul	99
20) Pyrene	19.535	202	15510	0.387	ng/ul	99
21) Benzo(a)anthracene	21.283	228	10633	0.350	ng/ul	99
22) Chrysene	21.336	228	13167	0.389	ng/ul	99
24) Benzo(b)fluoranthene	22.891	252	11069	0.387	ng/ul	99
25) Benzo(k)fluoranthene	22.938	252	11434	0.396	ng/ul	98
26) Benzo(a)pyrene	23.481	252	10026	0.386	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.913	276	10253	0.397	ng/ul	98
28) Dibenzo(a,h)anthracene	25.927	278	8149	0.390	ng/ul	98
29) Benzo(g,h,i)perylene	26.624	276	9134	0.412	ng/ul	99

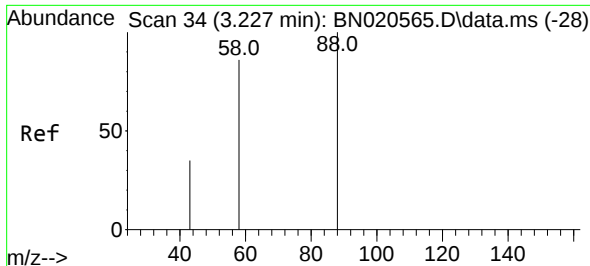
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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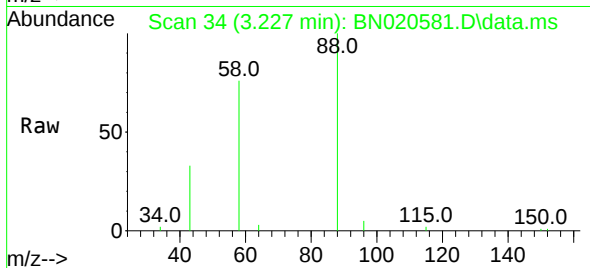
Quant Time: Jun 29 22:38:30 2022
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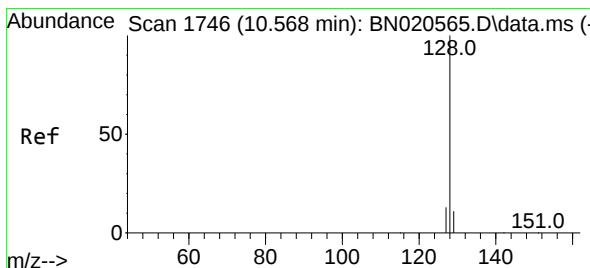
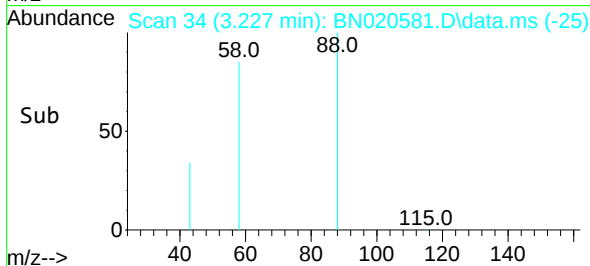
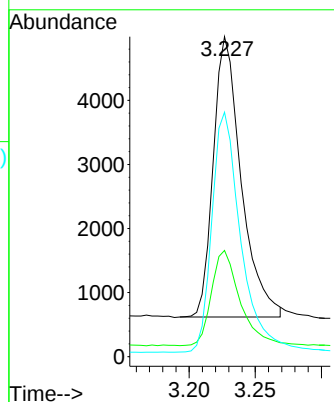
#2
 1,4-Dioxane
 Concen: 1.896 ng/ul
 RT: 3.227 min Scan# 34
 Delta R.T. -0.012 min
 Lab File: BN020581.D
 Acq: 29 Jun 2022 22:11

Instrument :
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Tgt Ion: 88 Resp: 6418

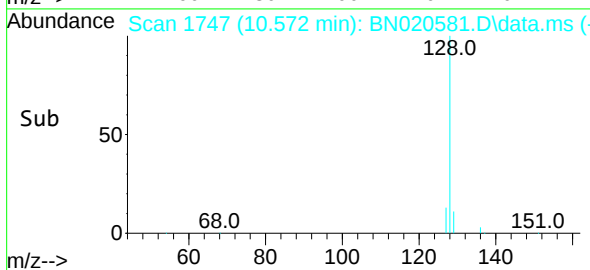
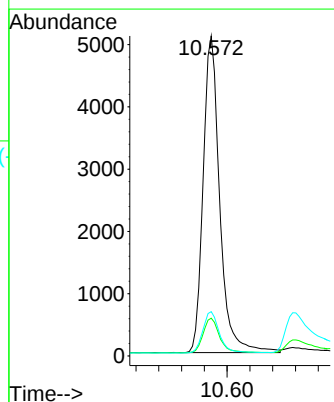
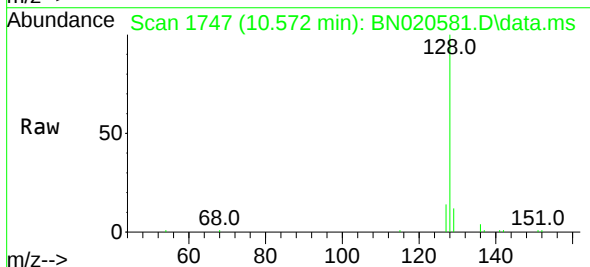
Ion	Ratio	Lower	Upper
88	100		
43	33.2	32.5	48.7
58	76.4	46.2	69.2

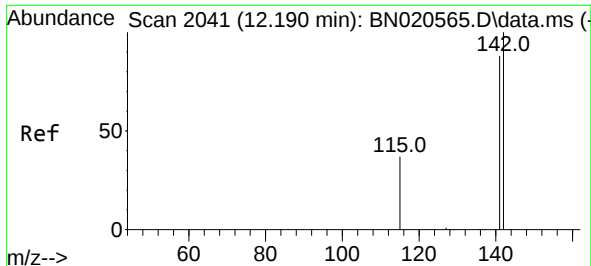


#5
 Naphthalene
 Concen: 0.358 ng/ul
 RT: 10.572 min Scan# 1747
 Delta R.T. -0.011 min
 Lab File: BN020581.D
 Acq: 29 Jun 2022 22:11

Tgt Ion: 128 Resp: 10279

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.5	14.3
127	13.9	11.3	16.9

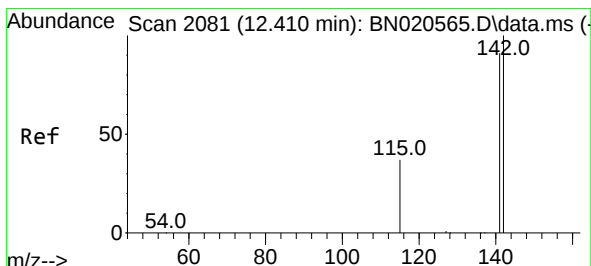
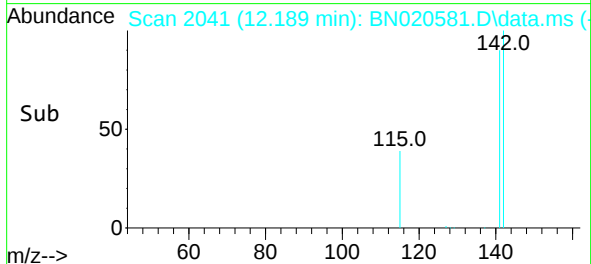
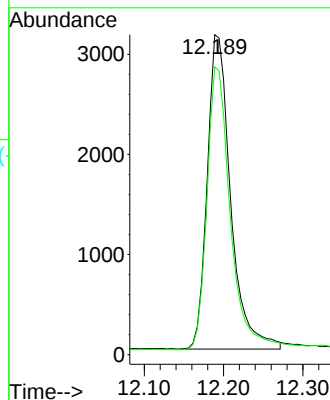
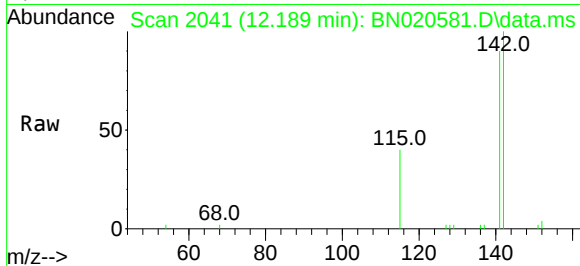




#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.189 min Scan# 2041
Delta R.T. -0.016 min
Lab File: BN020581.D
Acq: 29 Jun 2022 22:11

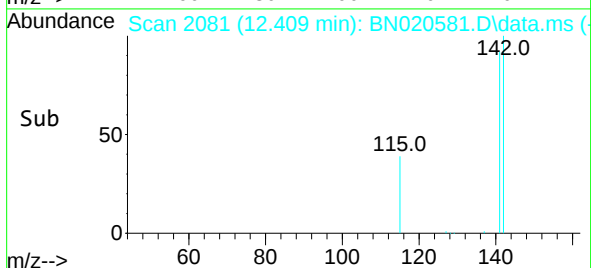
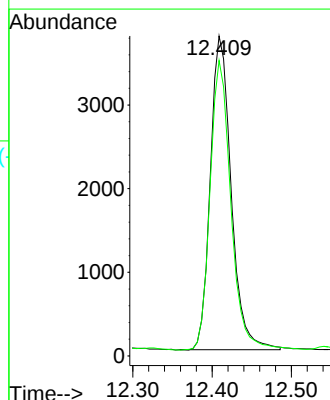
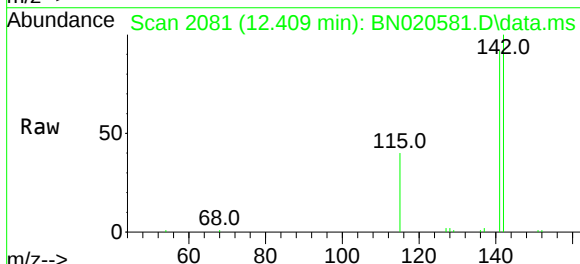
Instrument :
BNA_N
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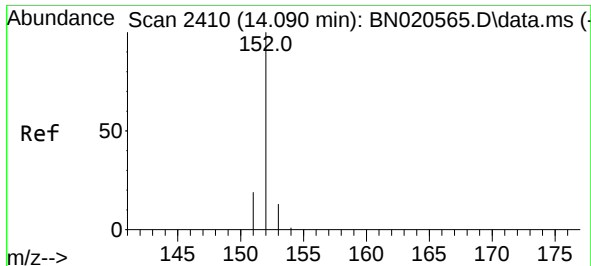
Tgt Ion:142 Resp: 6455
Ion Ratio Lower Upper
142 100
141 89.2 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BN020581.D
Acq: 29 Jun 2022 22:11

Tgt Ion:142 Resp: 6855
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5

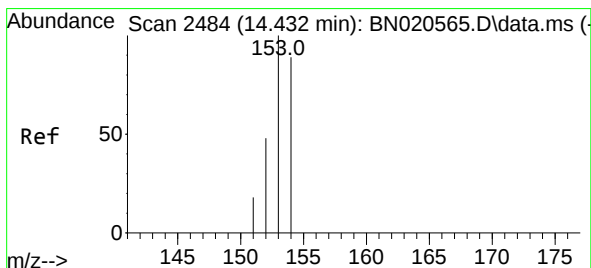
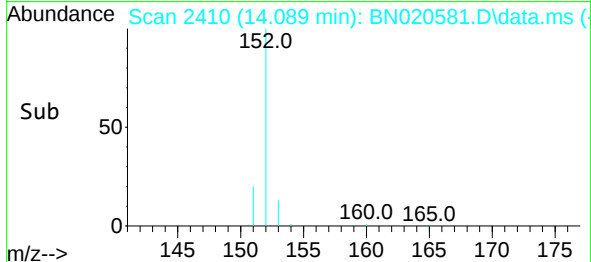
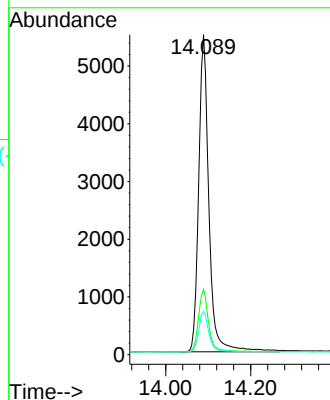
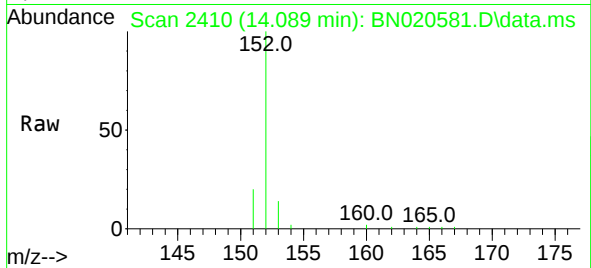




#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 14.089 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BN020581.D
Acq: 29 Jun 2022 22:11

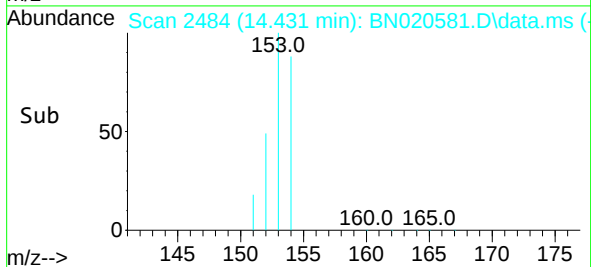
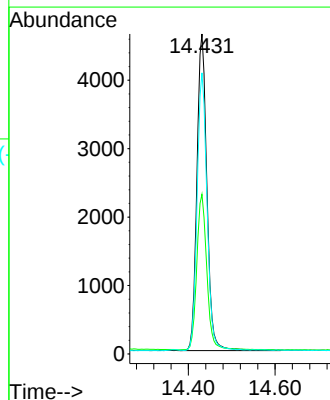
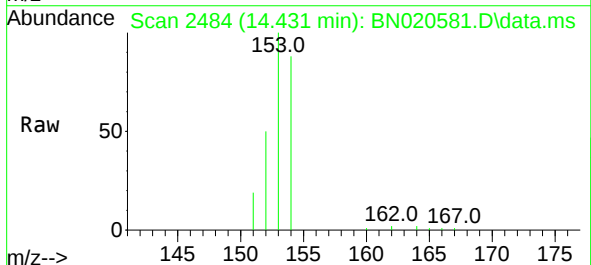
Instrument :
BNA_N
ClientSampleId :
SLCS836

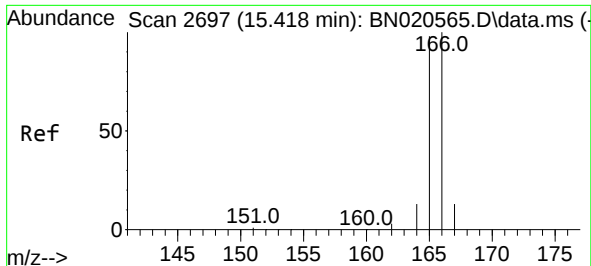
Tgt Ion:152 Resp: 9168
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.360 ng/ul
RT: 14.431 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN020581.D
Acq: 29 Jun 2022 22:11

Tgt Ion:153 Resp: 7434
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 87.8 70.0 105.0

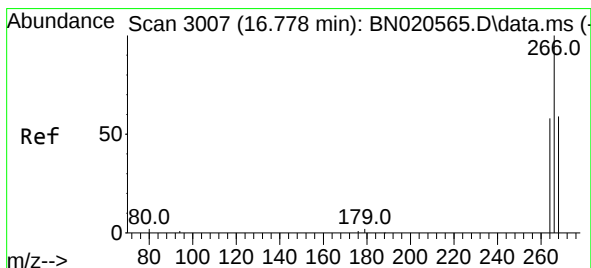
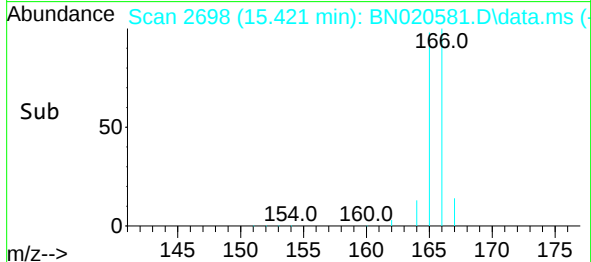
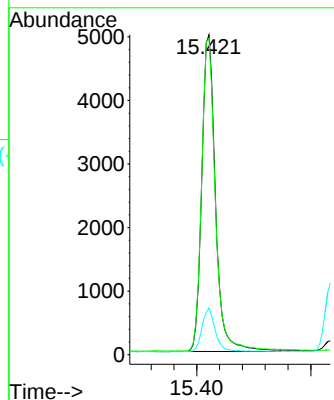
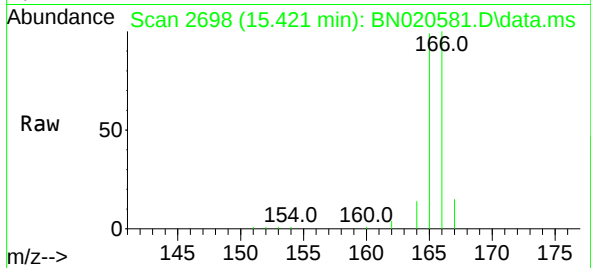




#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.421 min Scan# 2017
Delta R.T. -0.009 min
Lab File: BN020581.D
Acq: 29 Jun 2022 22:11

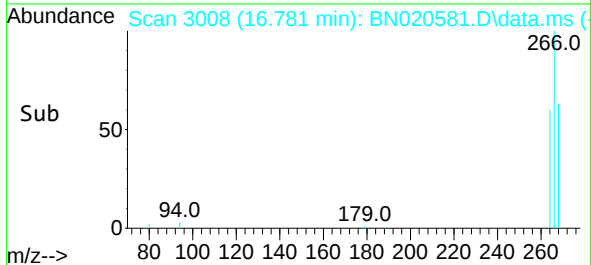
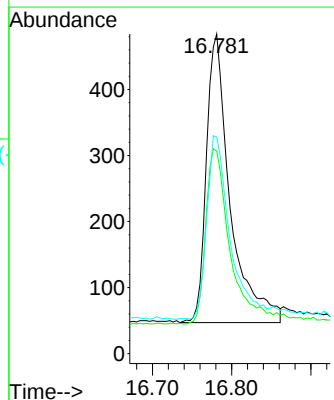
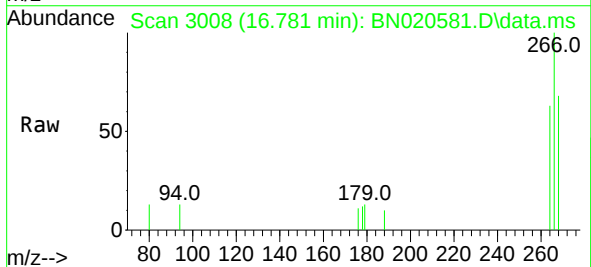
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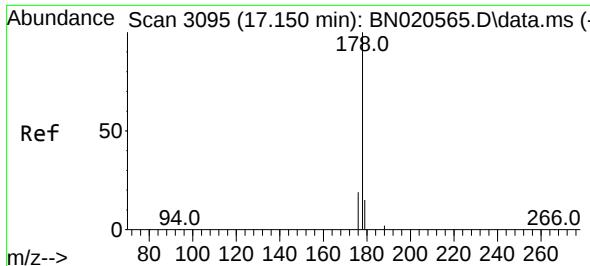
Tgt Ion:166 Resp: 8317
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.2
167 14.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.414 ng/ul
RT: 16.781 min Scan# 3008
Delta R.T. -0.004 min
Lab File: BN020581.D
Acq: 29 Jun 2022 22:11

Tgt Ion:266 Resp: 911
Ion Ratio Lower Upper
266 100
264 62.5 51.6 77.4
268 64.1 51.5 77.3

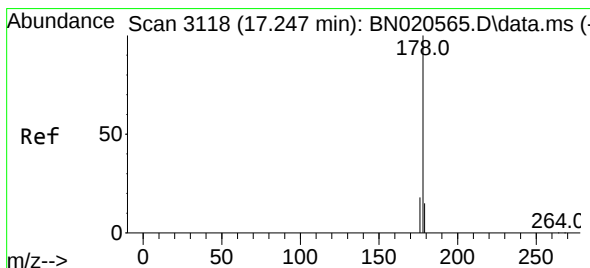
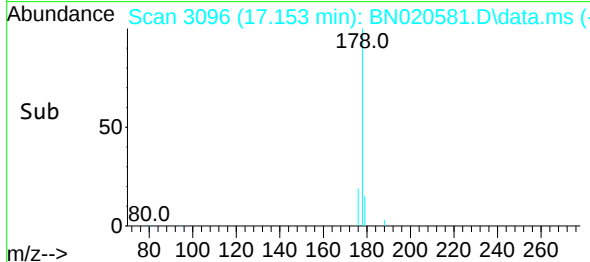
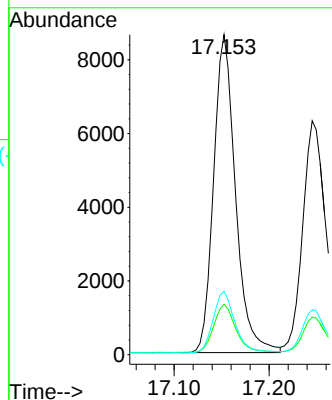
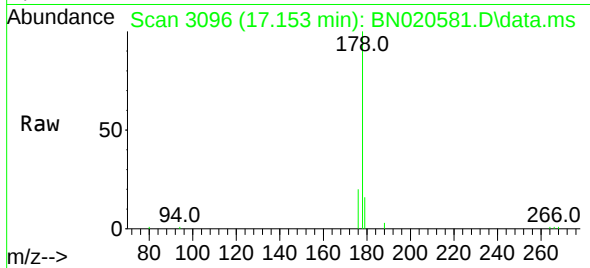




#15
Phenanthrene
Concen: 0.364 ng/ul
RT: 17.153 min Scan# 3095
Delta R.T. -0.008 min
Lab File: BN020581.D
Acq: 29 Jun 2022 22:11

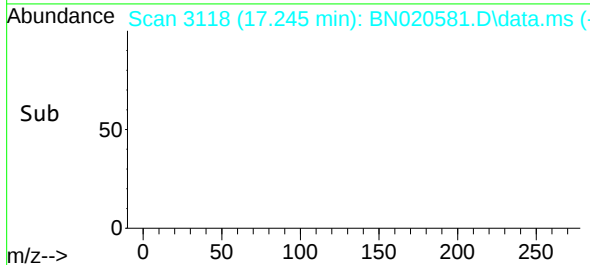
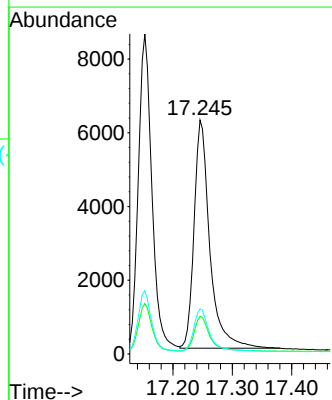
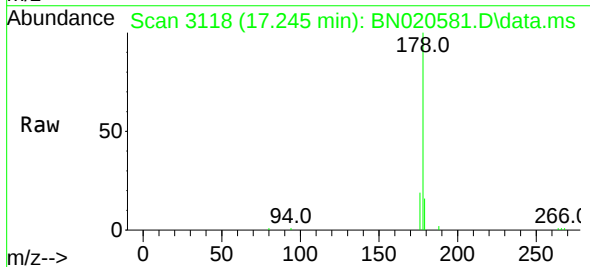
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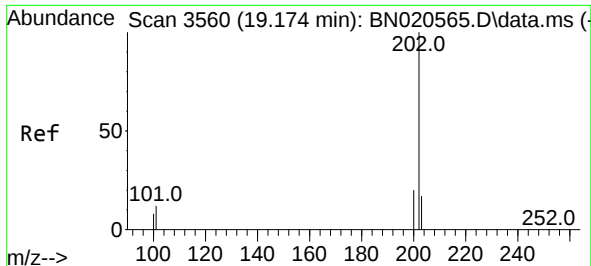
Tgt Ion:178 Resp: 13837
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.348 ng/ul
RT: 17.245 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BN020581.D
Acq: 29 Jun 2022 22:11

Tgt Ion:178 Resp: 11393
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 19.2 15.2 22.8

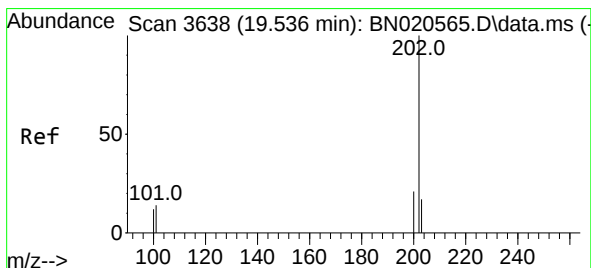
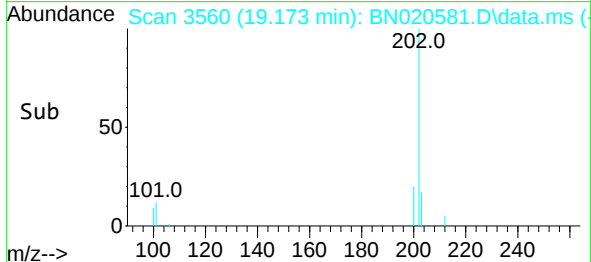
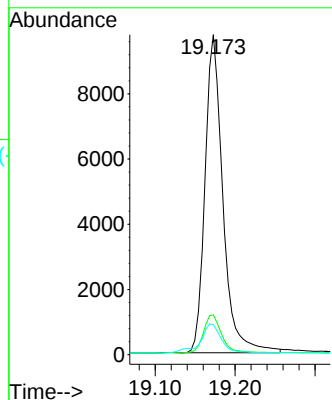
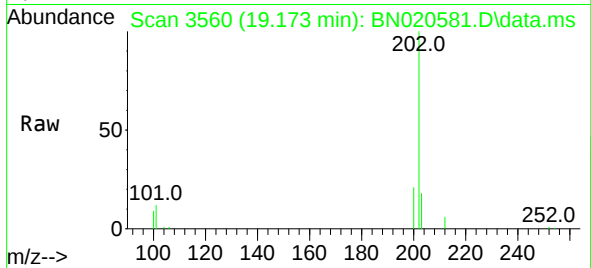




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.173 min Scan# 3560
Delta R.T. -0.009 min
Lab File: BN020581.D
Acq: 29 Jun 2022 22:11

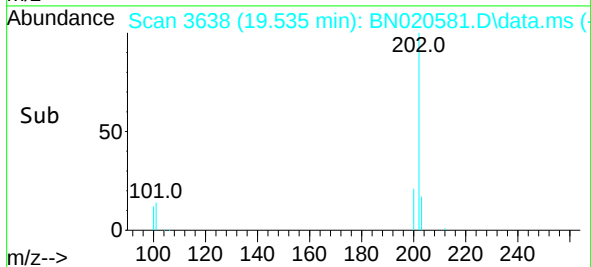
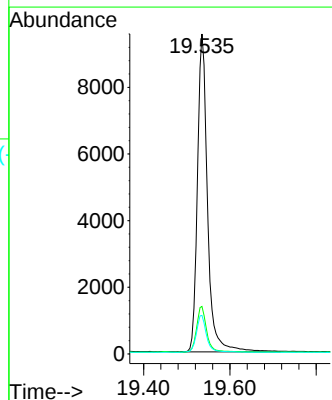
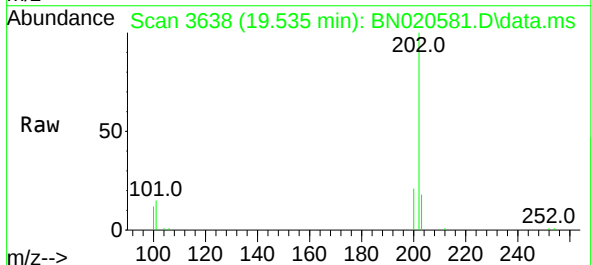
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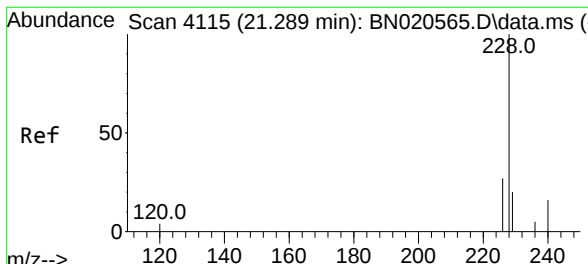
Tgt Ion:202 Resp: 15220
Ion Ratio Lower Upper
202 100
101 12.4 10.3 15.5
100 9.4 7.8 11.6



#20
Pyrene
Concen: 0.387 ng/ul
RT: 19.535 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN020581.D
Acq: 29 Jun 2022 22:11

Tgt Ion:202 Resp: 15510
Ion Ratio Lower Upper
202 100
101 14.9 11.6 17.4
100 12.1 9.2 13.8

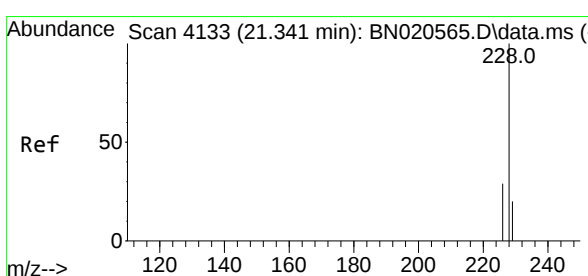
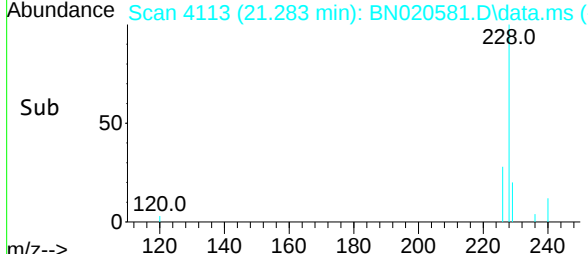
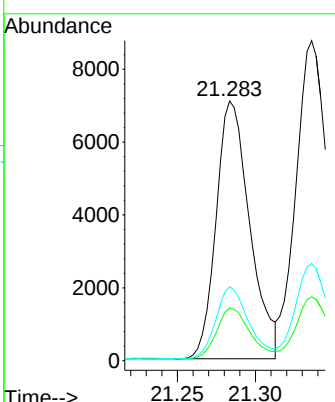
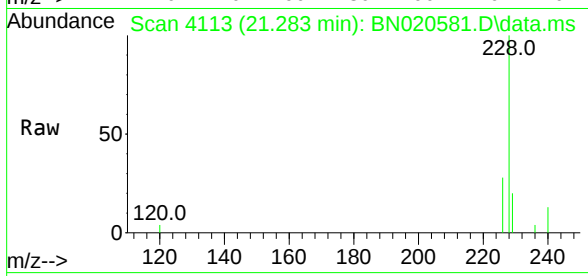




#21
 Benzo(a)anthracene
 Concen: 0.350 ng/ul
 RT: 21.283 min Scan# 4113
 Delta R.T. -0.011 min
 Lab File: BN020581.D
 Acq: 29 Jun 2022 22:11

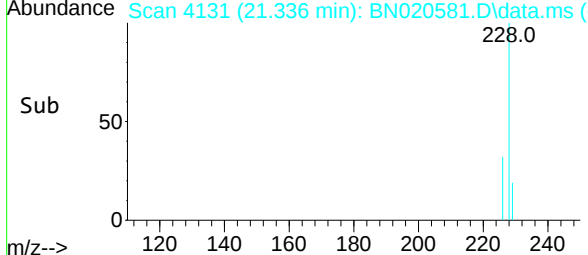
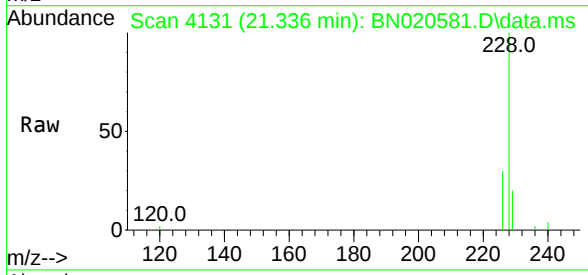
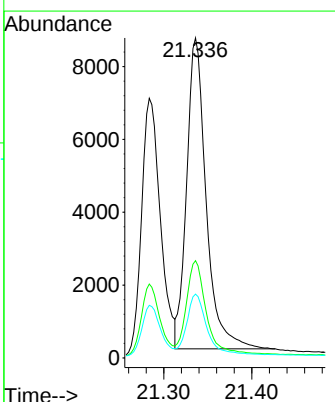
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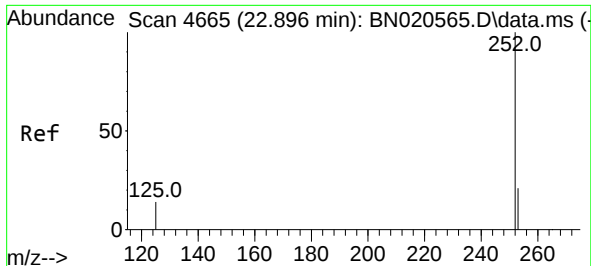
Tgt Ion:	228	Resp:	10633
Ion Ratio		Lower	Upper
228	100		
229	20.3	15.9	23.9
226	28.5	22.2	33.2



#22
 Chrysene
 Concen: 0.389 ng/ul
 RT: 21.336 min Scan# 4131
 Delta R.T. -0.011 min
 Lab File: BN020581.D
 Acq: 29 Jun 2022 22:11

Tgt Ion:	228	Resp:	13167
Ion Ratio		Lower	Upper
228	100		
226	30.4	23.9	35.9
229	20.0	15.8	23.8

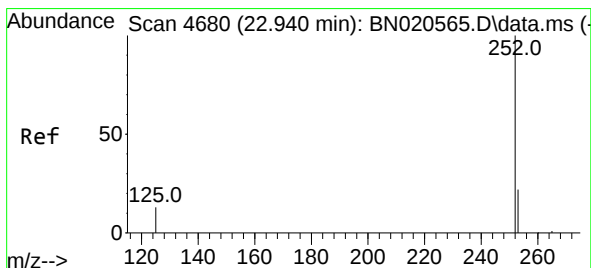
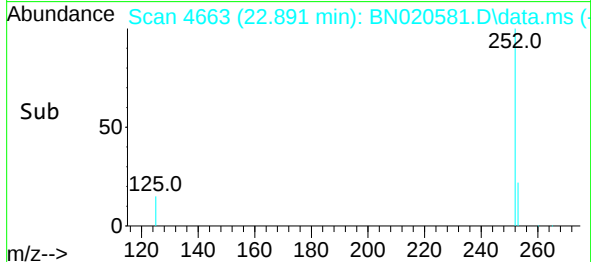
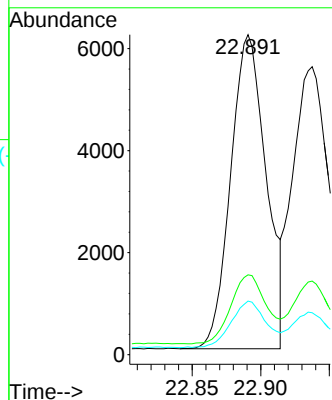
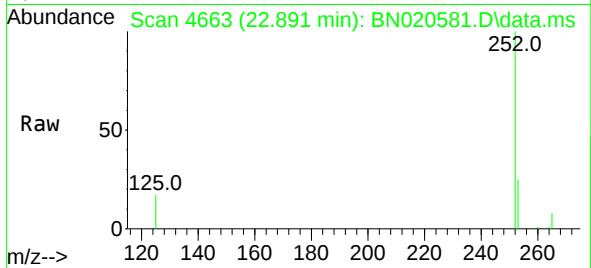




#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 22.891 min Scan# 4663
Delta R.T. -0.014 min
Lab File: BN020581.D
Acq: 29 Jun 2022 22:11

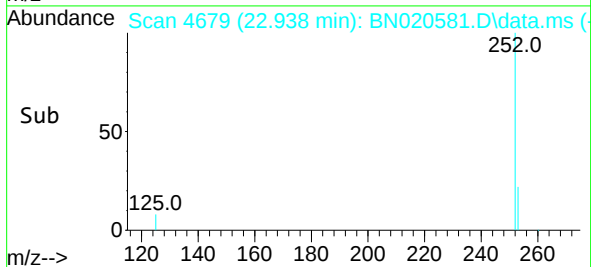
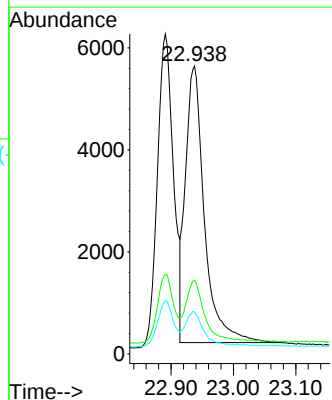
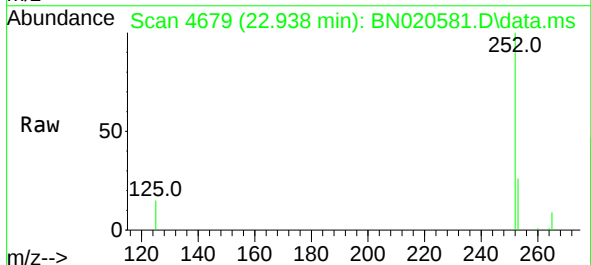
Instrument :
BNA_N
ClientSampleId :
SLCS836

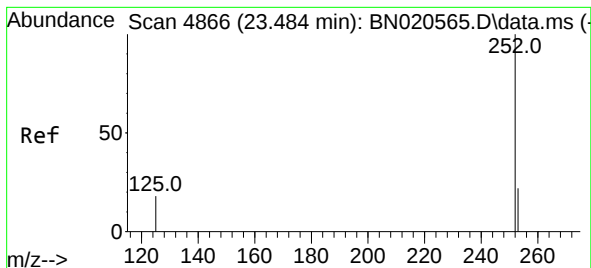
Tgt Ion:252 Resp: 11069
Ion Ratio Lower Upper
252 100
253 25.0 0.0 48.6
125 16.8 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 22.938 min Scan# 4679
Delta R.T. -0.014 min
Lab File: BN020581.D
Acq: 29 Jun 2022 22:11

Tgt Ion:252 Resp: 11434
Ion Ratio Lower Upper
252 100
253 25.6 19.7 29.5
125 14.6 12.0 18.0





#26

Benzo(a)pyrene

Concen: 0.386 ng/ul

RT: 23.481 min Scan# 4865

Delta R.T. -0.011 min

Lab File: BN020581.D

Acq: 29 Jun 2022 22:11

Instrument :

BNA_N

ClientSampleId :

SLCS836

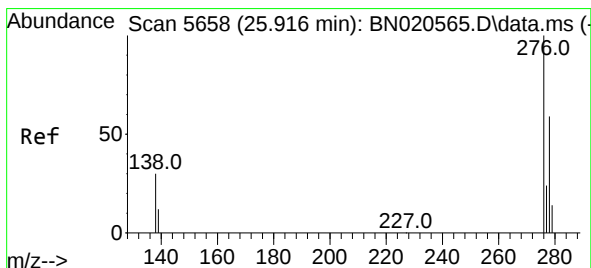
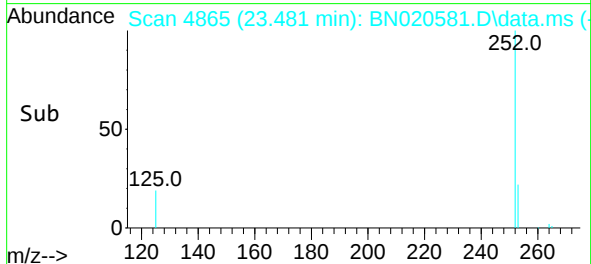
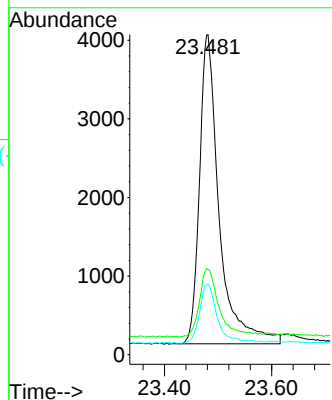
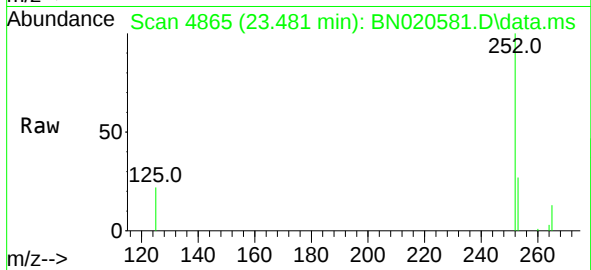
Tgt Ion:252 Resp: 10026

Ion Ratio Lower Upper

252 100

253 26.6 21.0 31.4

125 22.1 18.8 28.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.397 ng/ul

RT: 25.913 min Scan# 5657

Delta R.T. -0.019 min

Lab File: BN020581.D

Acq: 29 Jun 2022 22:11

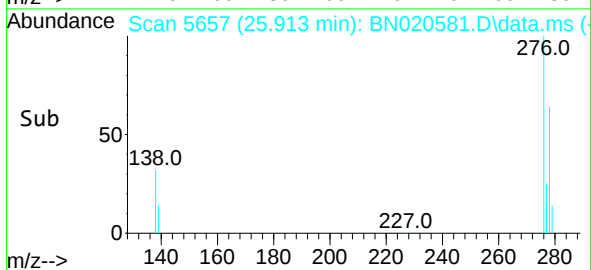
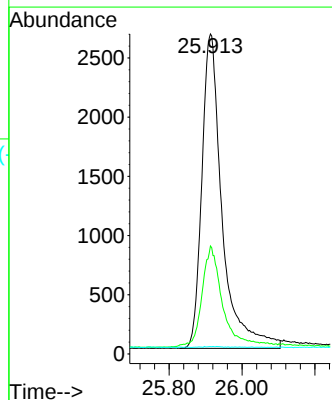
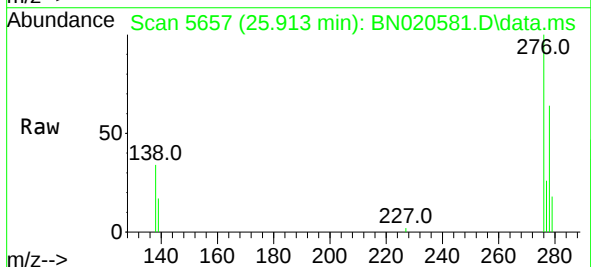
Tgt Ion:276 Resp: 10253

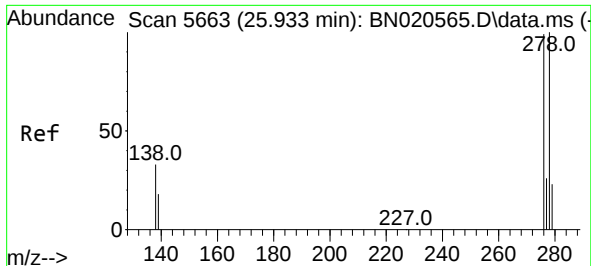
Ion Ratio Lower Upper

276 100

138 33.1 27.4 41.2

227 0.2 0.2 0.2

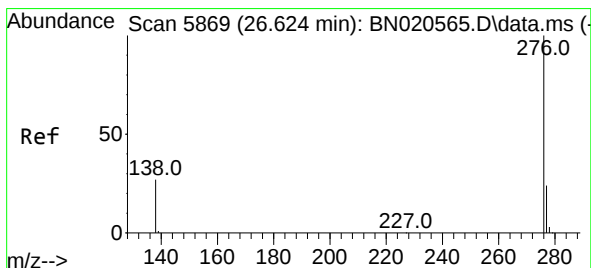
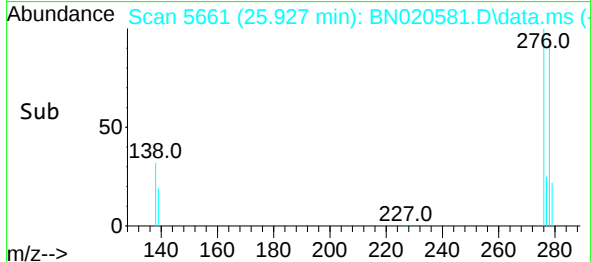
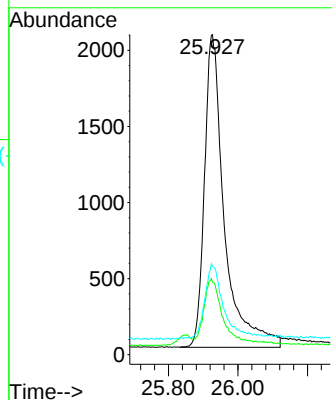
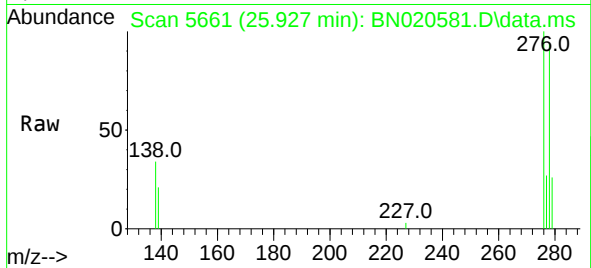




#28
 Dibenzo(a,h)anthracene
 Concen: 0.390 ng/ul
 RT: 25.927 min Scan# 5661
 Delta R.T. -0.023 min
 Lab File: BN020581.D
 Acq: 29 Jun 2022 22:11

Instrument :
 BNA_N
 ClientSampleId :
 SLCS836

Tgt Ion:278 Resp: 8149
 Ion Ratio Lower Upper
 278 100
 139 22.5 18.8 28.2
 279 27.6 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.412 ng/ul
 RT: 26.624 min Scan# 5869
 Delta R.T. -0.023 min
 Lab File: BN020581.D
 Acq: 29 Jun 2022 22:11

Tgt Ion:276 Resp: 9134
 Ion Ratio Lower Upper
 276 100
 138 28.0 23.5 35.3
 277 25.1 20.1 30.1

