

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080222\
 Data File : BN020941.D
 Acq On : 02 Aug 2022 13:53
 Operator : CG/JU
 Sample : PB146575BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 02 22:33:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 04:19:04 2022
 Response via : Initial Calibration

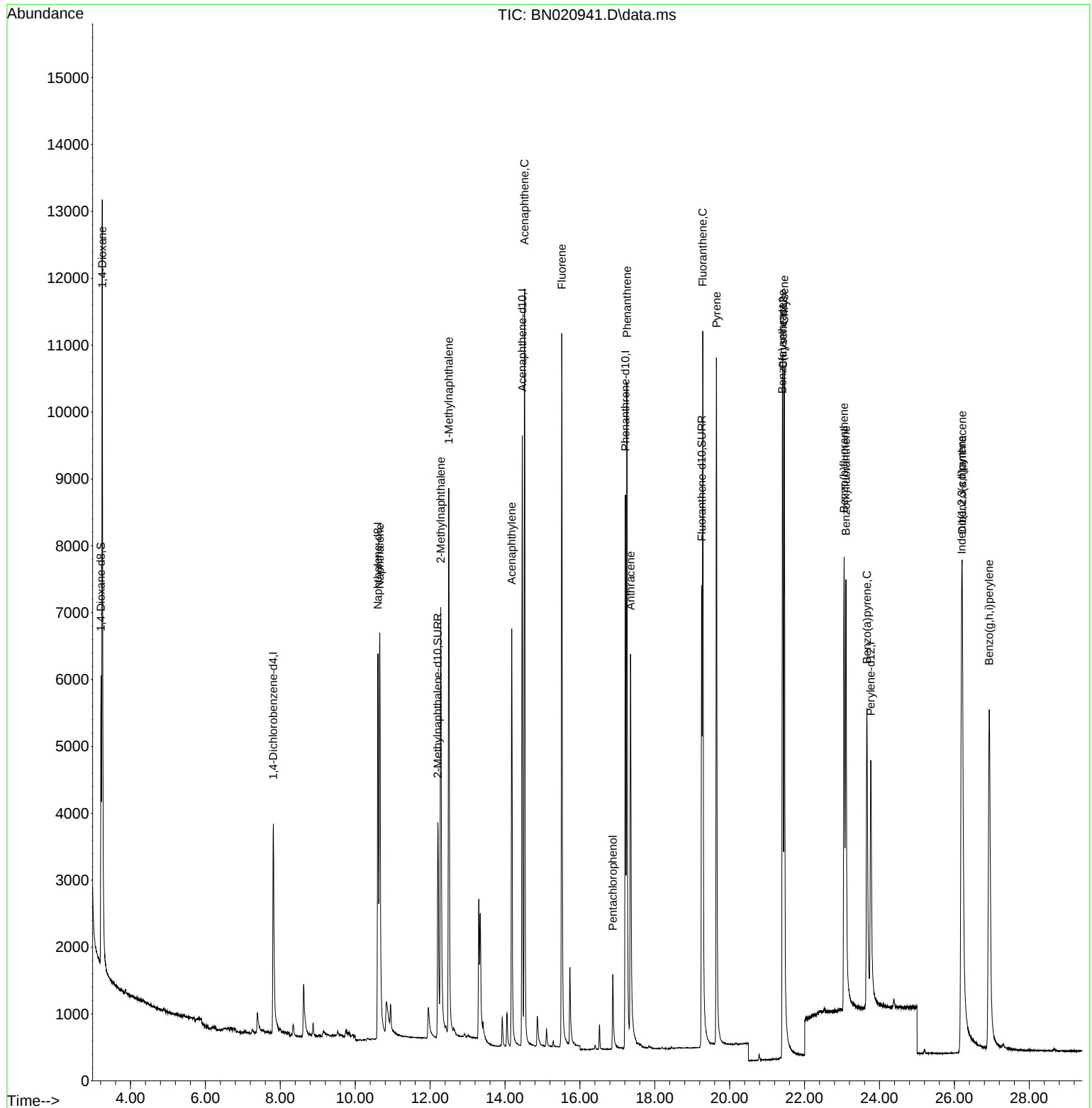
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	2474	0.400	ng/ul	0.00
4) Naphthalene-d8	10.607	136	9596	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.461	164	5392	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	10527	0.400	ng/ul	0.00
17) Chrysene-d12	21.421	240	6875	0.400	ng/ul	0.00
23) Perylene-d12	23.768	264	5876	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	2784	0.923	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.208	152	5489	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.254	212	8874	0.422	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.244	88	7496	2.308	ng/ul#	86
5) Naphthalene	10.657	128	10368	0.395	ng/ul	99
7) 2-Methylnaphthalene	12.285	142	6186	0.387	ng/ul	98
8) 1-Methylnaphthalene	12.499	142	6777	0.384	ng/ul	100
10) Acenaphthylene	14.179	152	8467	0.384	ng/ul	99
11) Acenaphthene	14.521	153	7247	0.393	ng/ul	99
12) Fluorene	15.516	166	8005	0.377	ng/ul	100
14) Pentachlorophenol	16.880	266	1030	0.613	ng/ul	99
15) Phenanthrene	17.256	178	11923	0.334	ng/ul	99
16) Anthracene	17.353	178	8772	0.286	ng/ul	99
19) Fluoranthene	19.282	202	10637	0.344	ng/ul	99
20) Pyrene	19.649	202	10977	0.339	ng/ul	100
21) Benzo(a)anthracene	21.407	228	8186	0.328	ng/ul	99
22) Chrysene	21.459	228	10419	0.338	ng/ul	99
24) Benzo(b)fluoranthene	23.055	252	9739	0.347	ng/ul	99
25) Benzo(k)fluoranthene	23.105	252	10162	0.334	ng/ul	99
26) Benzo(a)pyrene	23.663	252	8892	0.336	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.192	276	12205	0.392	ng/ul	99
28) Dibenzo(a,h)anthracene	26.209	278	9758	0.383	ng/ul	98
29) Benzo(g,h,i)perylene	26.930	276	13033	0.460	ng/ul	98

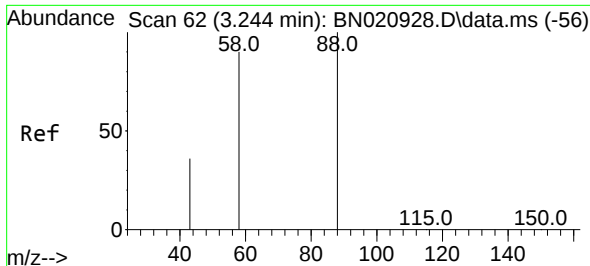
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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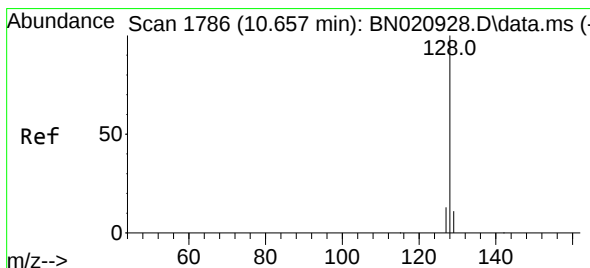
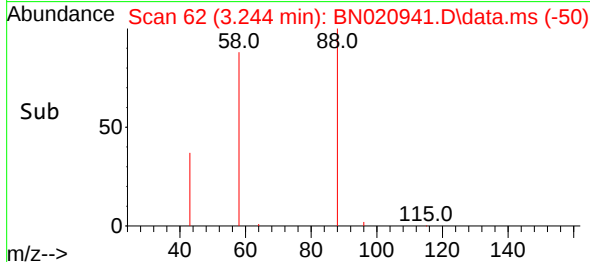
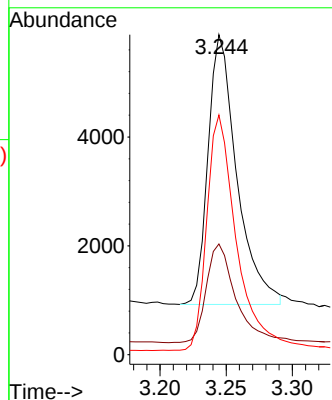
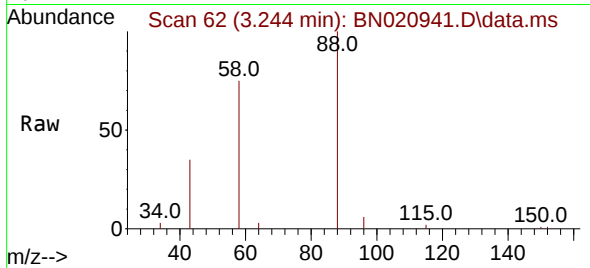




#2
 1,4-Dioxane
 Concen: 2.308 ng/ul
 RT: 3.244 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN020941.D
 Acq: 02 Aug 2022 13:53

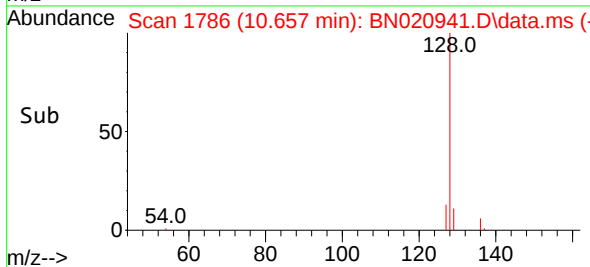
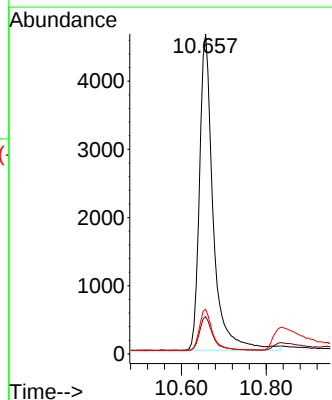
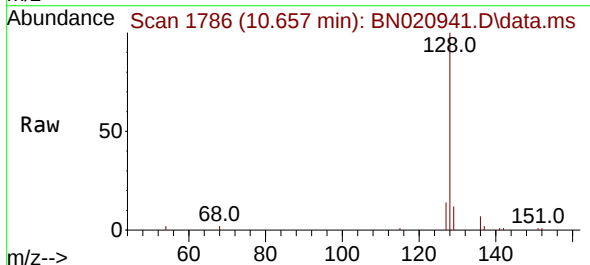
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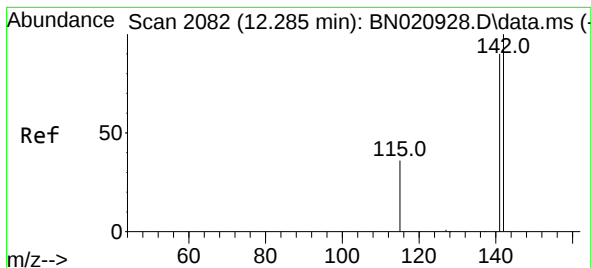
Tgt Ion: 88 Resp: 7496
 Ion Ratio Lower Upper
 88 100
 43 34.6 31.4 47.0
 58 74.9 49.0 73.6#



#5
 Naphthalene
 Concen: 0.395 ng/ul
 RT: 10.657 min Scan# 1786
 Delta R.T. 0.000 min
 Lab File: BN020941.D
 Acq: 02 Aug 2022 13:53

Tgt Ion:128 Resp: 10368
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.8 14.6
 127 13.9 11.6 17.4

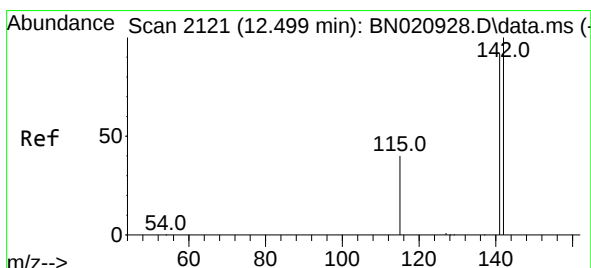
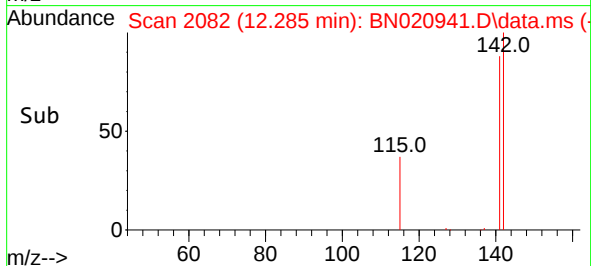
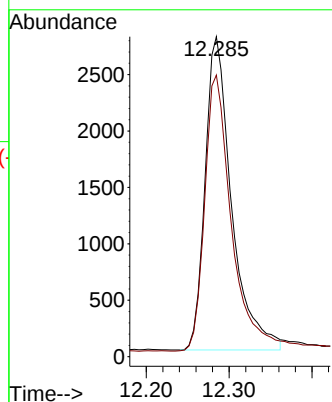
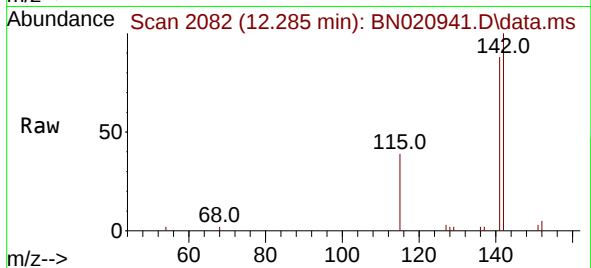




#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.285 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BN020941.D
Acq: 02 Aug 2022 13:53

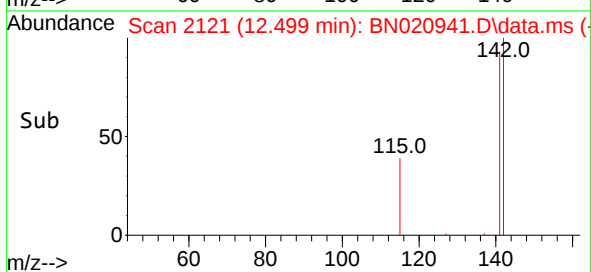
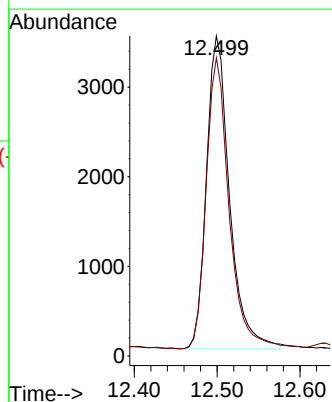
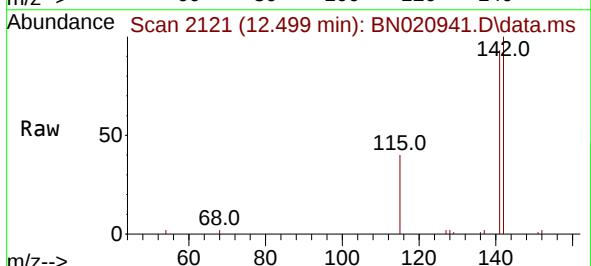
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BNA_N
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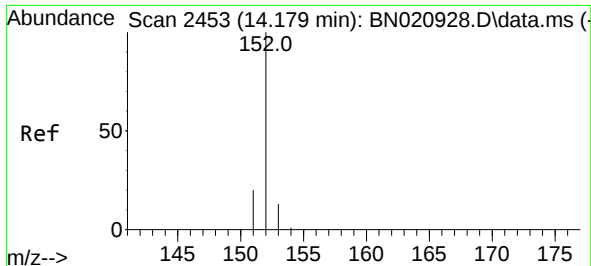
Tgt Ion:142 Resp: 6186
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.499 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BN020941.D
Acq: 02 Aug 2022 13:53

Tgt Ion:142 Resp: 6777
Ion Ratio Lower Upper
142 100
141 91.9 73.9 110.9

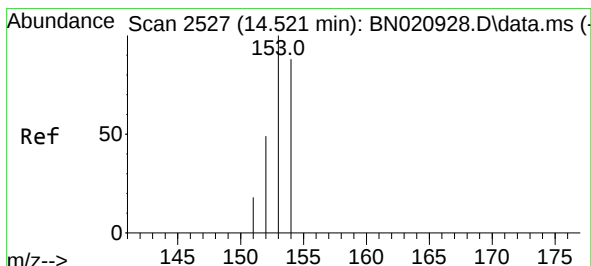
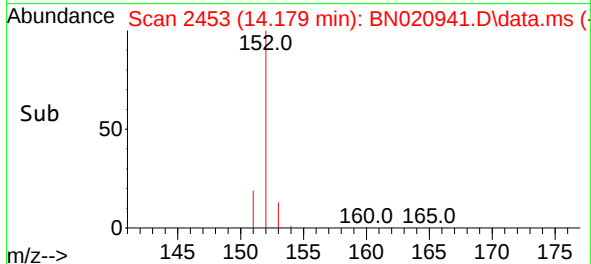
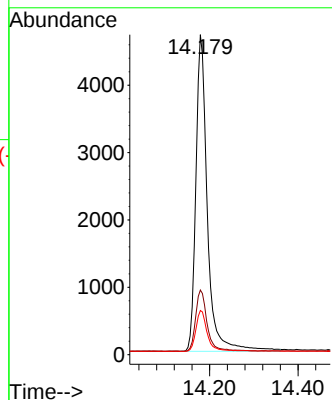
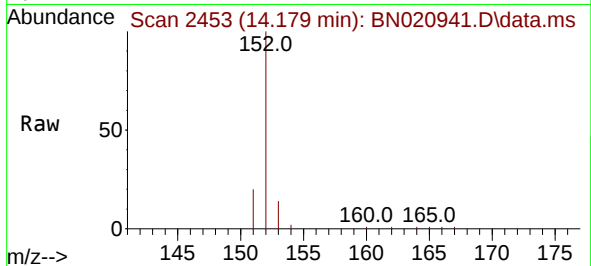




#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 14.179 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BN020941.D
Acq: 02 Aug 2022 13:53

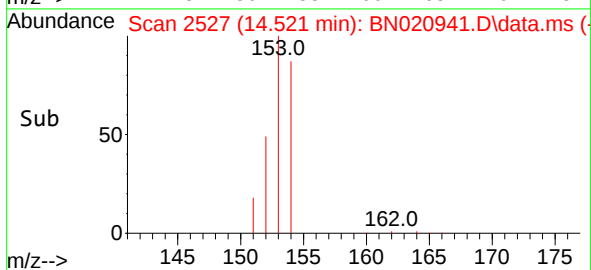
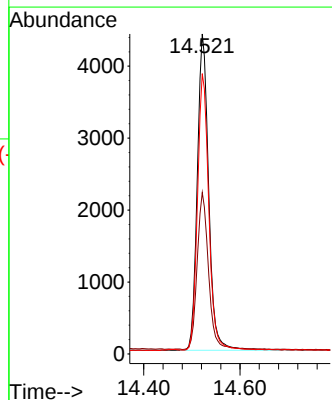
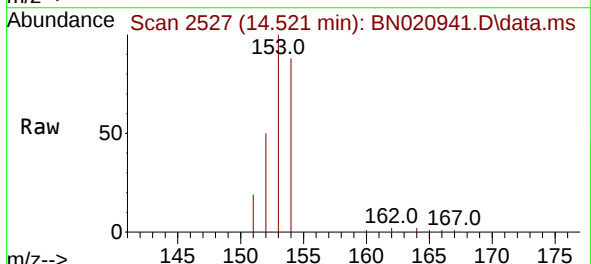
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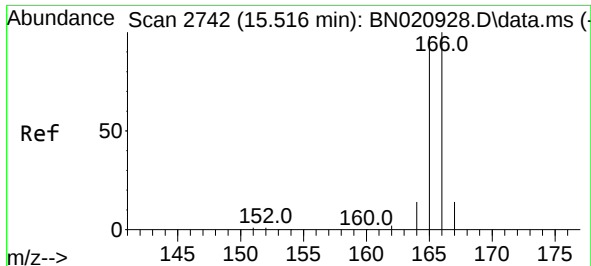
Tgt Ion:152 Resp: 8467
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 13.8 11.2 16.8



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BN020941.D
Acq: 02 Aug 2022 13:53

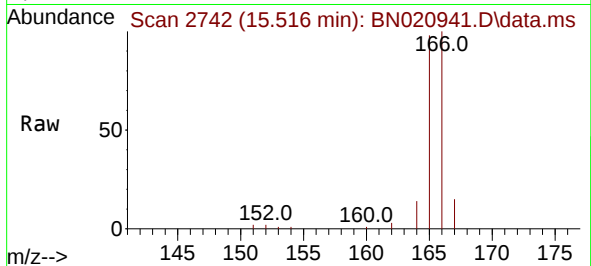
Tgt Ion:153 Resp: 7247
Ion Ratio Lower Upper
153 100
152 50.5 40.2 60.4
154 87.6 70.7 106.1



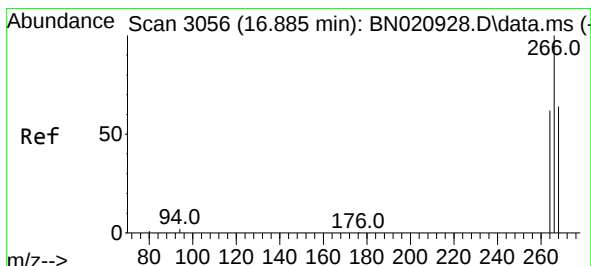
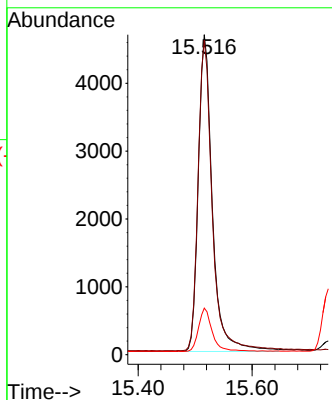
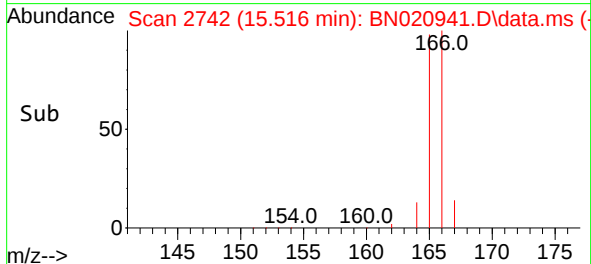


#12
Fluorene
Concen: 0.377 ng/ul
RT: 15.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020941.D
Acq: 02 Aug 2022 13:53

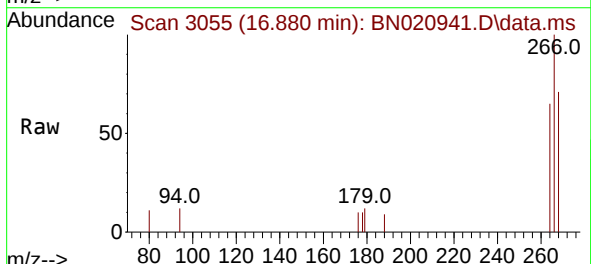
Instrument :
BNA_N
ClientSampleId :



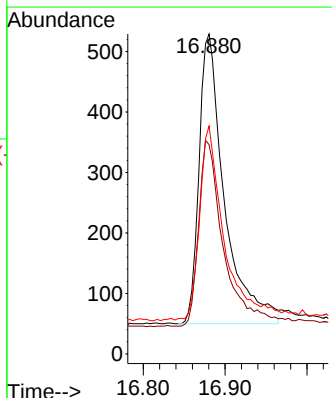
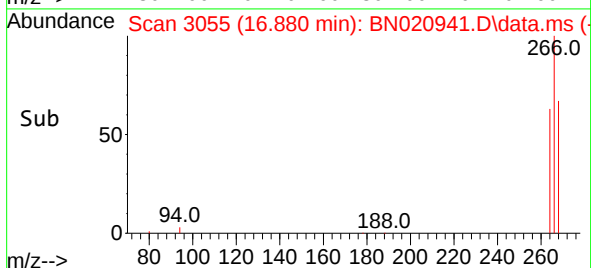
Tgt Ion:166 Resp: 8005
Ion Ratio Lower Upper
166 100
165 98.3 78.6 117.8
167 14.5 11.8 17.6

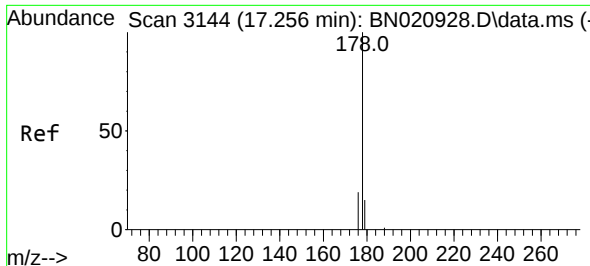


#14
Pentachlorophenol
Concen: 0.613 ng/ul
RT: 16.880 min Scan# 3055
Delta R.T. -0.004 min
Lab File: BN020941.D
Acq: 02 Aug 2022 13:53



Tgt Ion:266 Resp: 1030
Ion Ratio Lower Upper
266 100
264 62.9 49.8 74.8
268 64.9 50.6 75.8

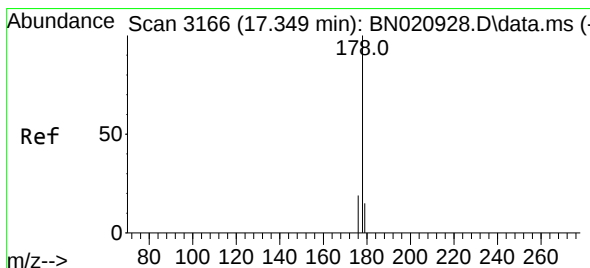
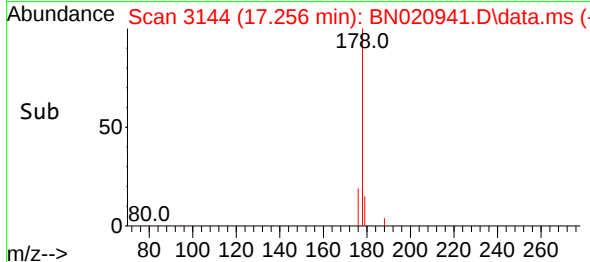
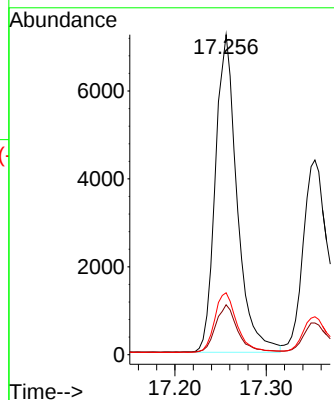
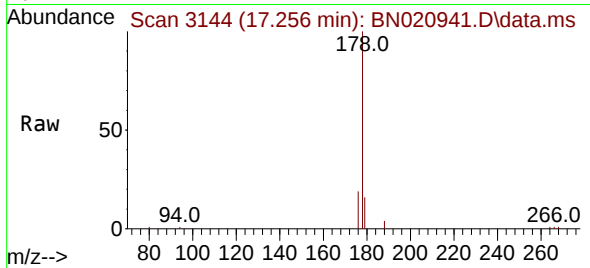




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.256 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN020941.D
Acq: 02 Aug 2022 13:53

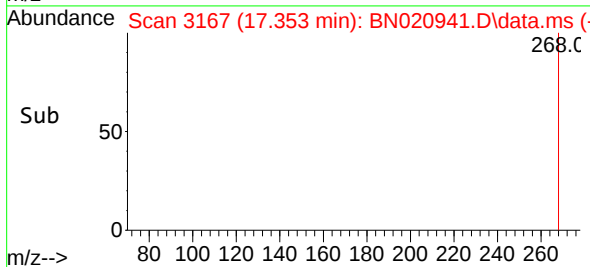
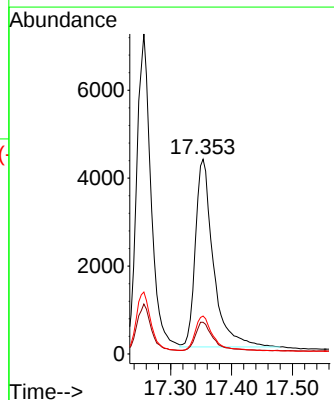
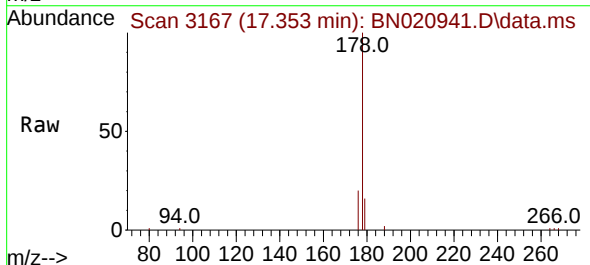
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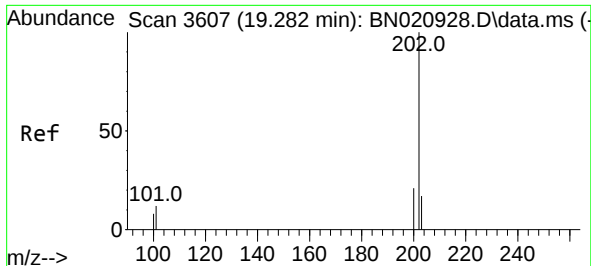
Tgt Ion:178 Resp: 11923
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.4 15.9 23.9



#16
Anthracene
Concen: 0.286 ng/ul
RT: 17.353 min Scan# 3167
Delta R.T. 0.004 min
Lab File: BN020941.D
Acq: 02 Aug 2022 13:53

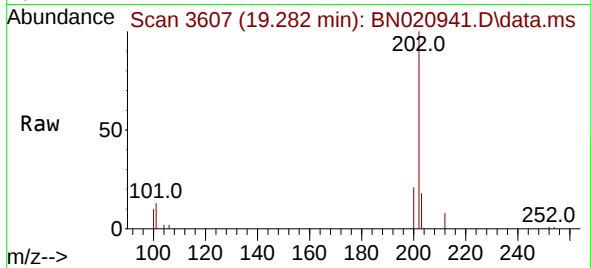
Tgt Ion:178 Resp: 8772
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.5 15.9 23.9



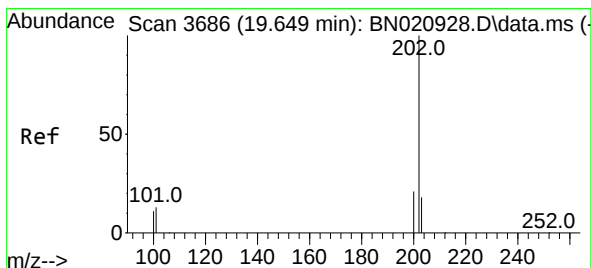
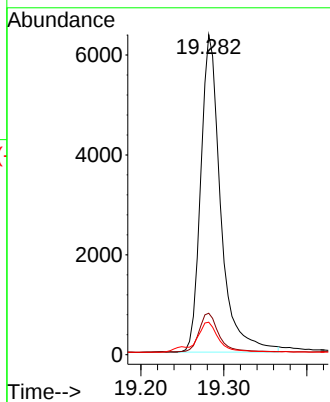
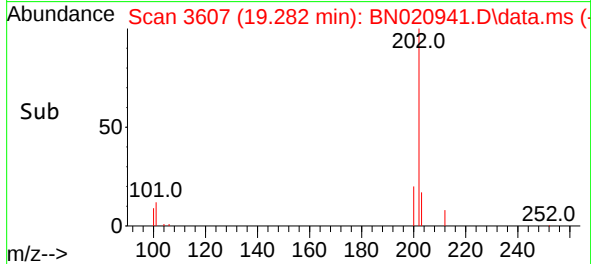


#19
Fluoranthene
Concen: 0.344 ng/u1
RT: 19.282 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BN020941.D
Acq: 02 Aug 2022 13:53

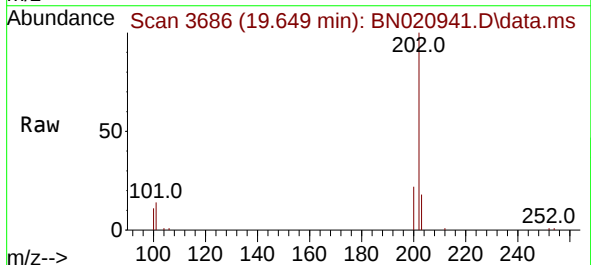
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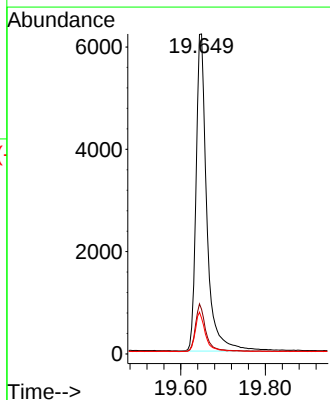
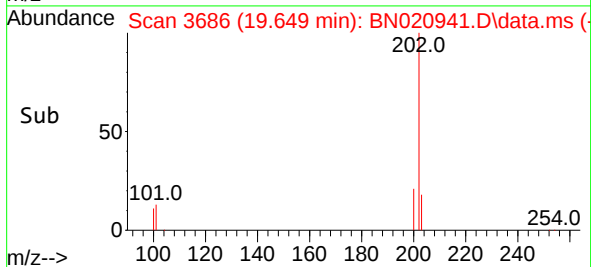
Tgt Ion:202 Resp: 10637
Ion Ratio Lower Upper
202 100
101 13.0 10.0 15.0
100 10.1 8.0 12.0

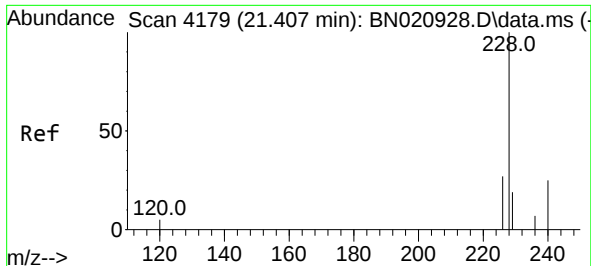


#20
Pyrene
Concen: 0.339 ng/u1
RT: 19.649 min Scan# 3686
Delta R.T. 0.000 min
Lab File: BN020941.D
Acq: 02 Aug 2022 13:53



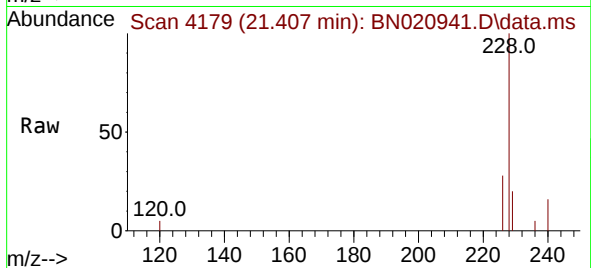
Tgt Ion:202 Resp: 10977
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 11.2 9.0 13.4



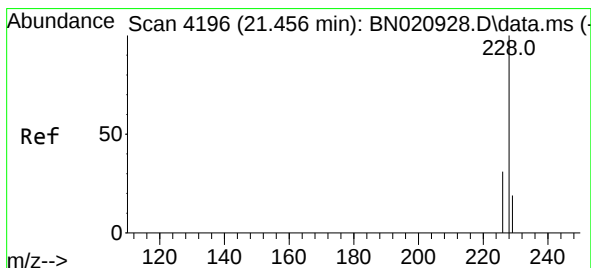
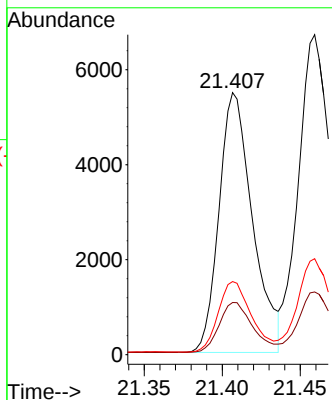
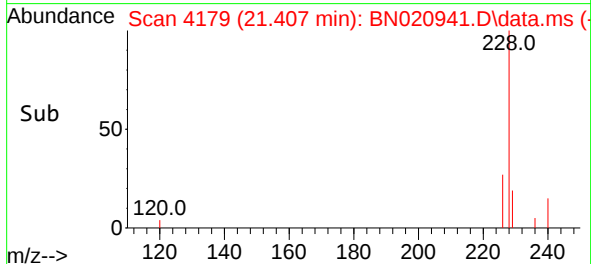


#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.407 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BN020941.D
Acq: 02 Aug 2022 13:53

Instrument :
BNA_N
ClientSampleId :

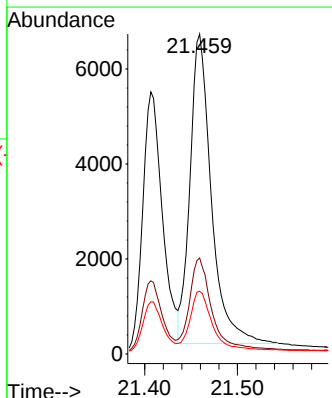
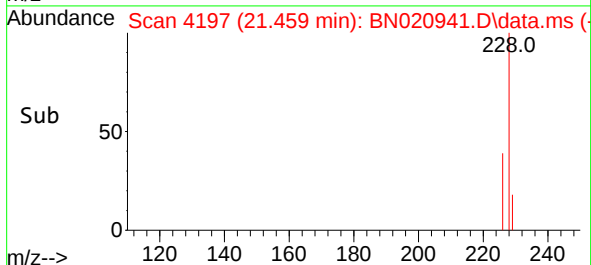
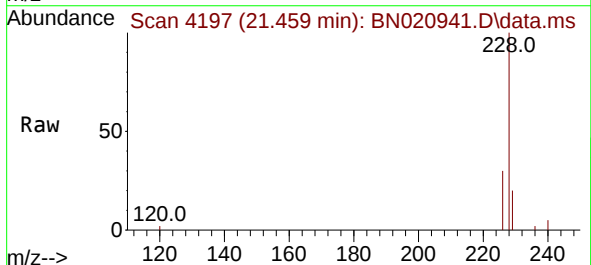


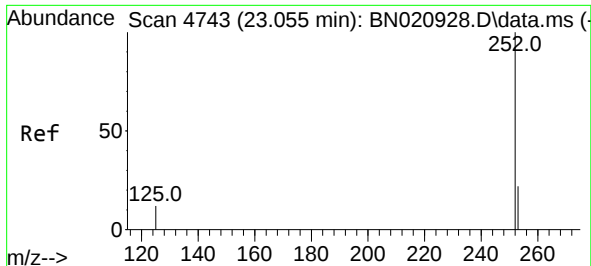
Tgt Ion:228 Resp: 8186
Ion Ratio Lower Upper
228 100
229 19.9 16.0 24.0
226 27.9 21.9 32.9



#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.459 min Scan# 4197
Delta R.T. 0.003 min
Lab File: BN020941.D
Acq: 02 Aug 2022 13:53

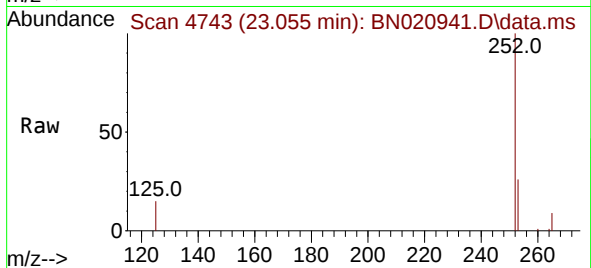
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Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 19.6 15.8 23.8



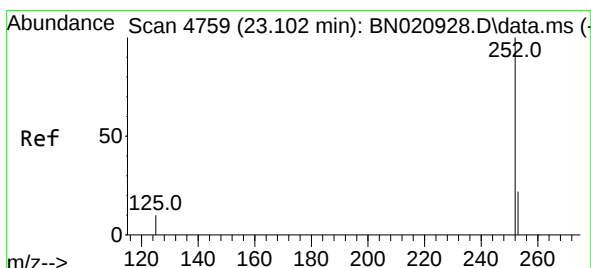
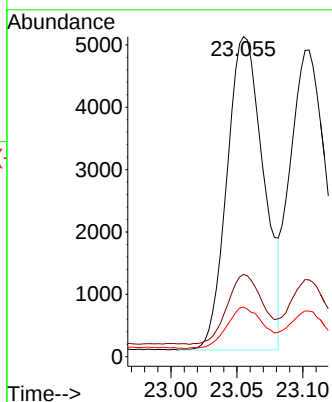
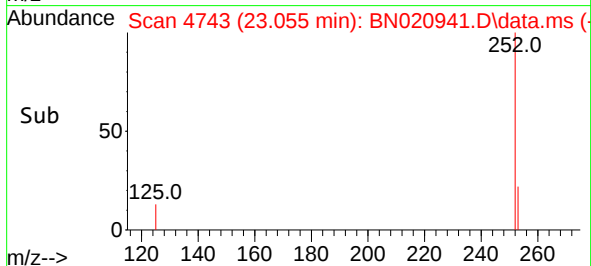


#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 23.055 min Scan# 4743
Delta R.T. 0.000 min
Lab File: BN020941.D
Acq: 02 Aug 2022 13:53

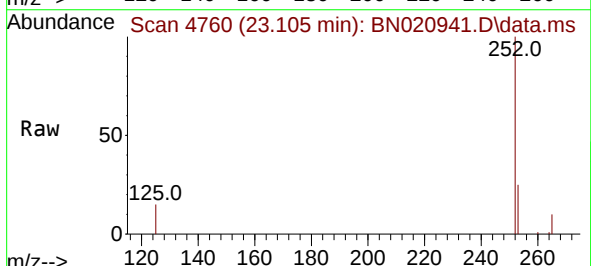
Instrument :
BNA_N
ClientSampleId :



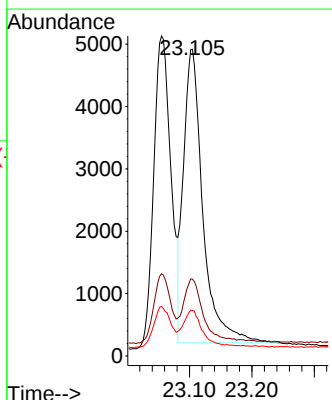
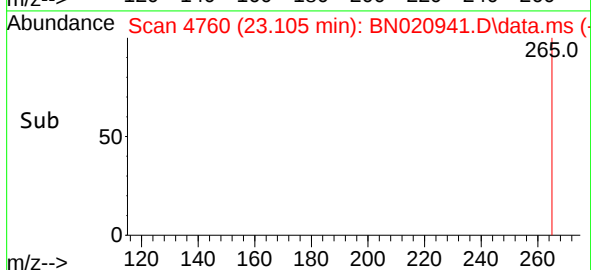
Tgt Ion:252 Resp: 9739
Ion Ratio Lower Upper
252 100
253 25.7 0.0 50.8
125 15.5 0.0 30.0

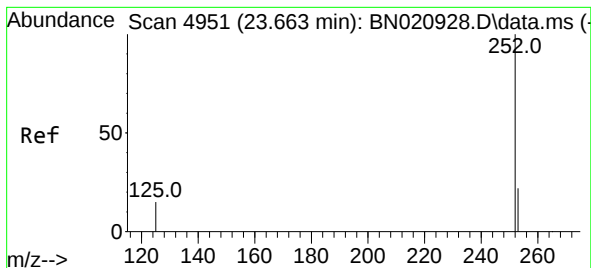


#25
Benzo(k)fluoranthene
Concen: 0.334 ng/ul
RT: 23.105 min Scan# 4760
Delta R.T. 0.003 min
Lab File: BN020941.D
Acq: 02 Aug 2022 13:53



Tgt Ion:252 Resp: 10162
Ion Ratio Lower Upper
252 100
253 25.1 20.6 31.0
125 14.9 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.336 ng/ul

RT: 23.663 min Scan# 4951

Delta R.T. 0.000 min

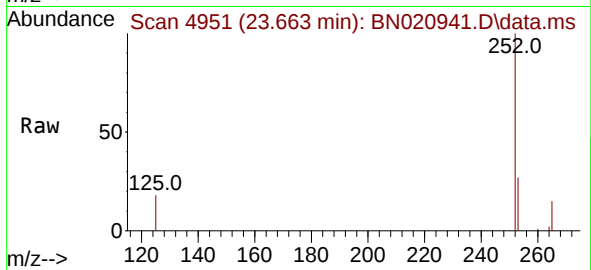
Lab File: BN020941.D

Acq: 02 Aug 2022 13:53

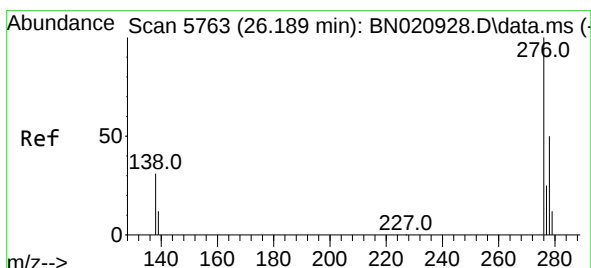
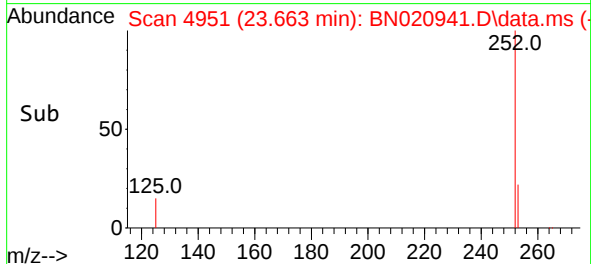
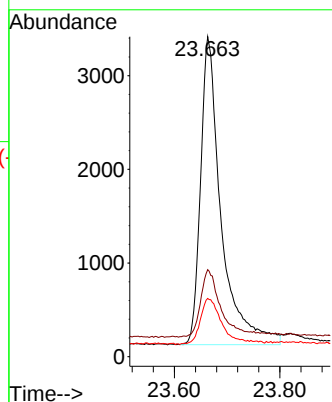
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	252	Resp:	8892
Ion Ratio	Lower	Upper	
252	100		
253	27.2	22.1	33.1
125	18.2	14.7	22.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.392 ng/ul

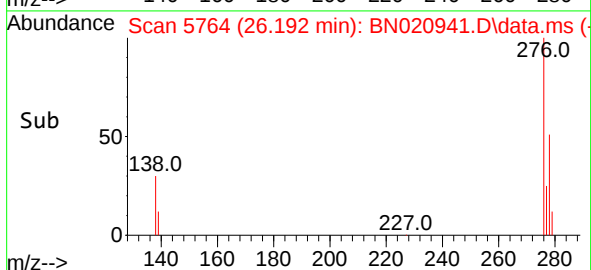
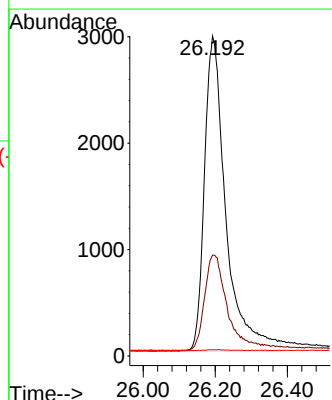
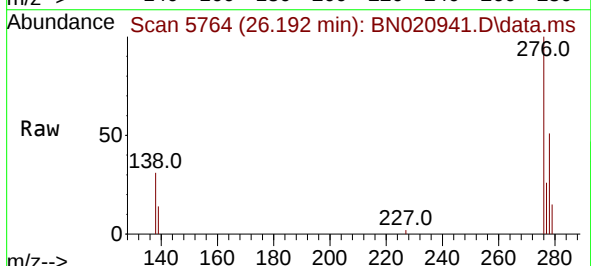
RT: 26.192 min Scan# 5764

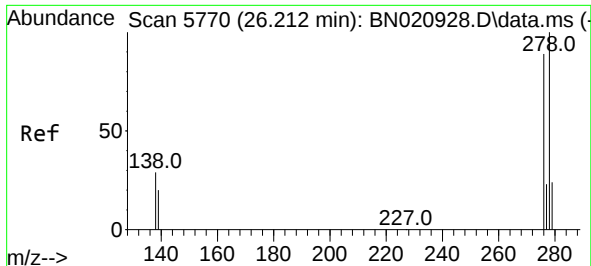
Delta R.T. 0.003 min

Lab File: BN020941.D

Acq: 02 Aug 2022 13:53

Tgt Ion:	276	Resp:	12205
Ion Ratio	Lower	Upper	
276	100		
138	33.0	26.1	39.1
227	0.1	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.383 ng/ul

RT: 26.209 min Scan# 51

Delta R.T. -0.003 min

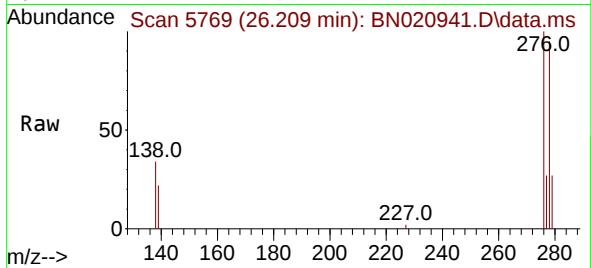
Lab File: BN020941.D

Acq: 02 Aug 2022 13:53

Instrument :

BNA_N

ClientSampleId :



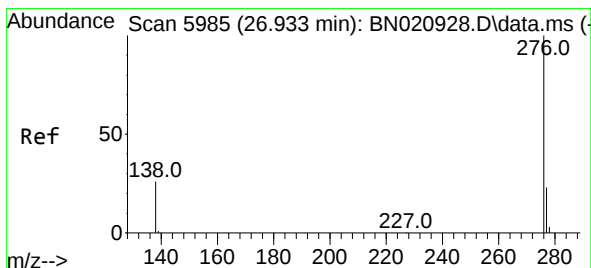
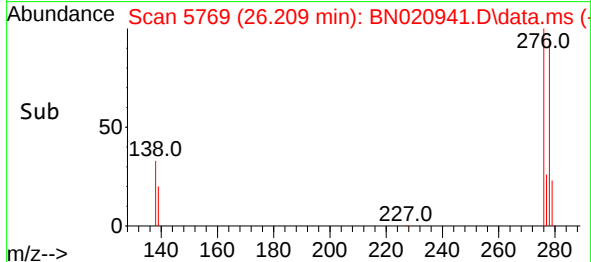
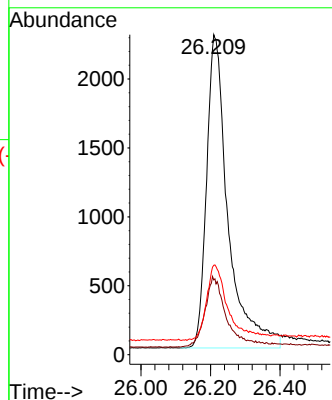
Tgt Ion:278 Resp: 9758

Ion Ratio Lower Upper

278 100

139 23.3 18.3 27.5

279 28.0 23.9 35.9



#29

Benzo(g,h,i)perylene

Concen: 0.460 ng/ul

RT: 26.930 min Scan# 5984

Delta R.T. -0.003 min

Lab File: BN020941.D

Acq: 02 Aug 2022 13:53

Tgt Ion:276 Resp: 13033

Ion Ratio Lower Upper

276 100

138 30.0 22.6 34.0

277 25.4 20.2 30.2

