

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
 Data File : BM028714.D
 Acq On : 10 Feb 2021 21:08
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 23:36:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 14:28:04 2021
 Response via : Initial Calibration

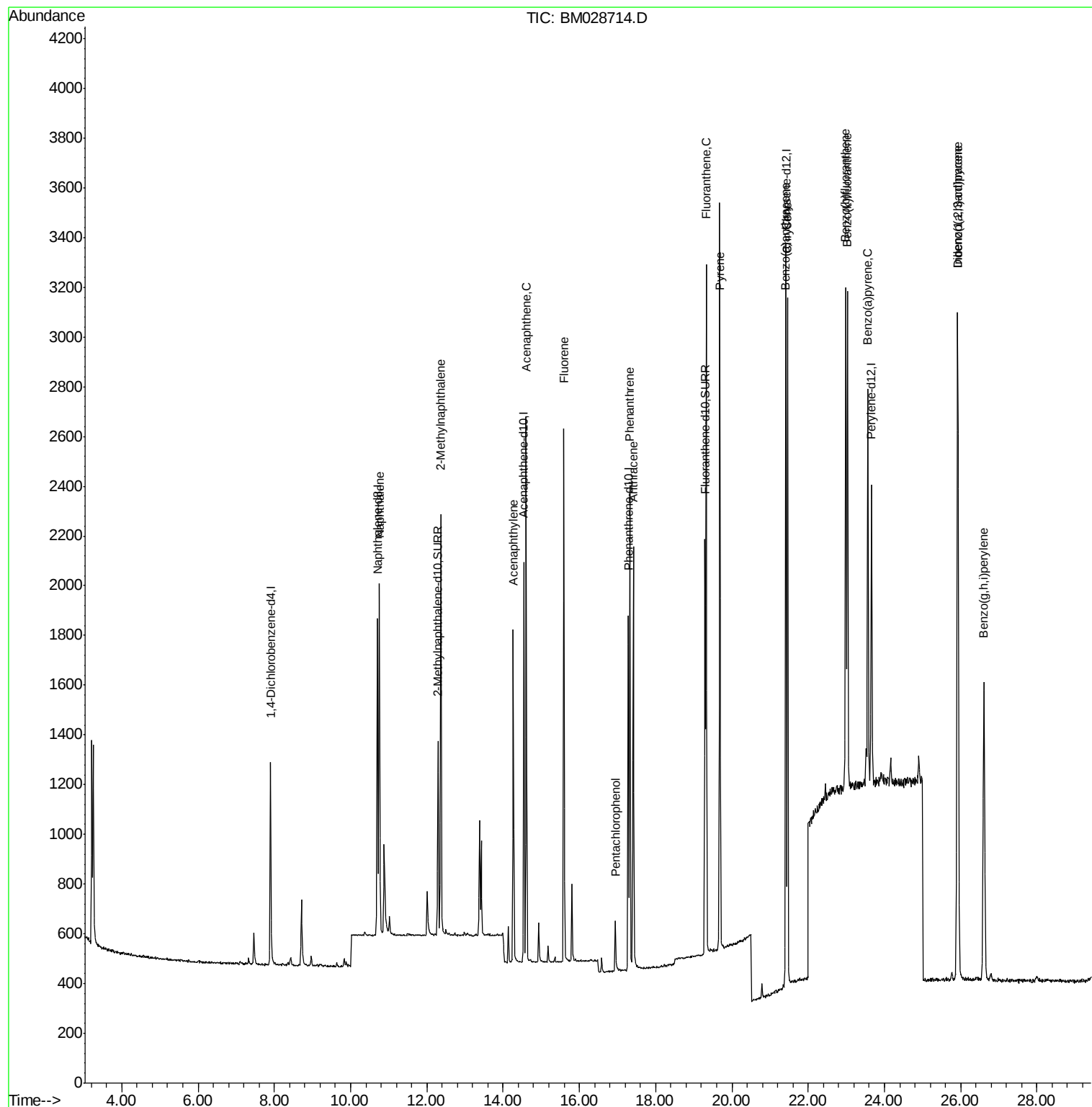
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	453	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	1778	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	893	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	1662	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	1528	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1536	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1068	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1790	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	1982	0.448	ng/ul	100
5) 2-Methylnaphthalene	12.37	142	1255	0.423	ng/ul	99
7) Acenaphthylene	14.27	152	1534	0.421	ng/ul	99
8) Acenaphthene	14.61	153	1249	0.432	ng/ul	98
9) Fluorene	15.59	166	1346	0.420	ng/ul	99
11) Pentachlorophenol	16.94	266	157	0.362	ng/ul	98
12) Phenanthrene	17.32	178	2070	0.446	ng/ul	100
13) Anthracene	17.41	178	1911	0.431	ng/ul	100
15) Fluoranthene	19.32	202	2320	0.439	ng/ul	99
17) Pyrene	19.68	202	2400	0.432	ng/ul	99
18) Benzo(a)anthracene	21.41	228	2239	0.429	ng/ul	98
19) Chrysene	21.46	228	2279	0.440	ng/ul	98
21) Benzo(b)fluoranthene	22.98	252	2403	0.457	ng/ul	93
22) Benzo(k)fluoranthene	23.03	252	2393	0.456	ng/ul	93
23) Benzo(a)pyrene	23.56	252	2200	0.470	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.92	276	2777	0.455	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.92	278	2313	0.452	ng/ul	93
26) Benzo(g,h,i)perylene	26.61	276	2400	0.473	ng/ul	96

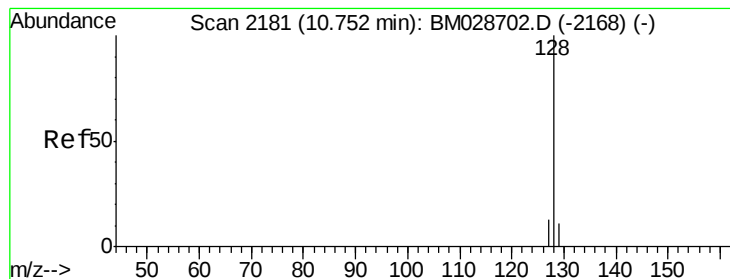
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.448 ng/ul

RT: 10.75 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BM028714.D

Acq: 10 Feb 2021 21:08

Instrument :

BNA_M

ClientSampleId :

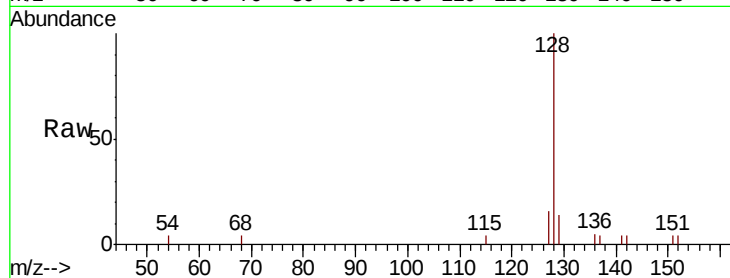
Tot Ion:128 Resp: 1982

Ion Ratio Lower Upper

128 100

129 14.4 11.4 17.2

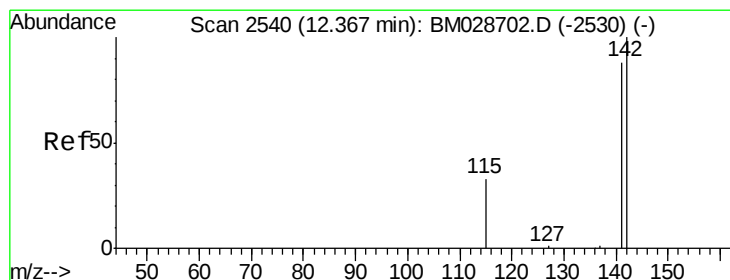
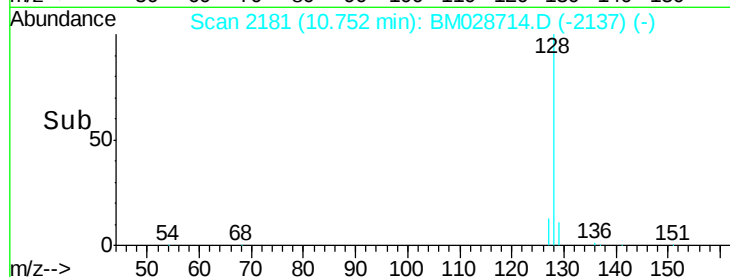
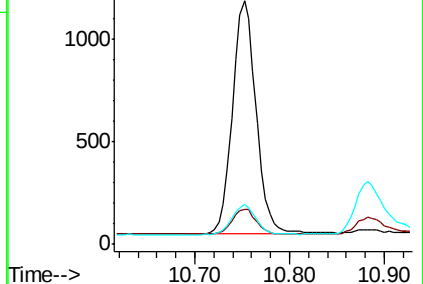
127 16.3 13.0 19.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.423 ng/ul

RT: 12.37 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BM028714.D

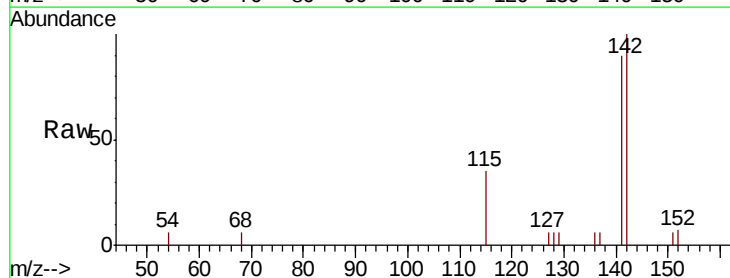
Acq: 10 Feb 2021 21:08

Tgt Ion:142 Resp: 1255

Ion Ratio Lower Upper

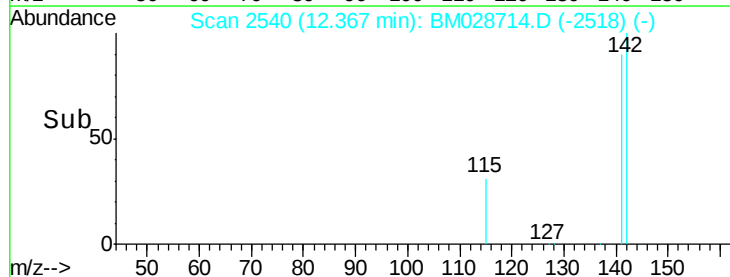
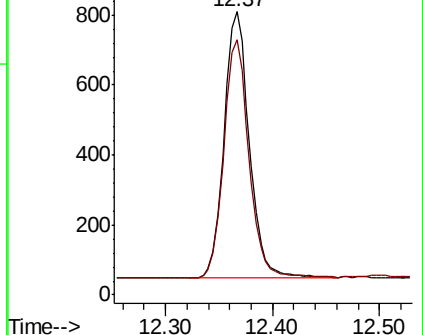
142 100

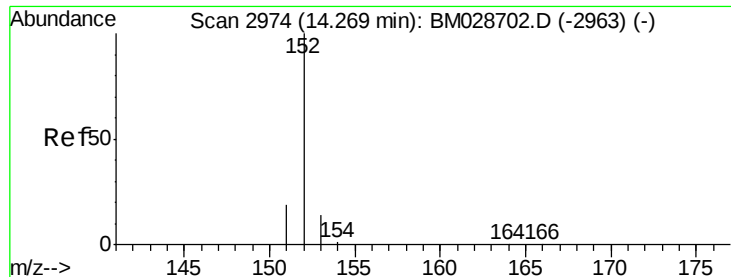
141 89.6 72.2 108.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.421 ng/ul

RT: 14.27 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BM028714.D

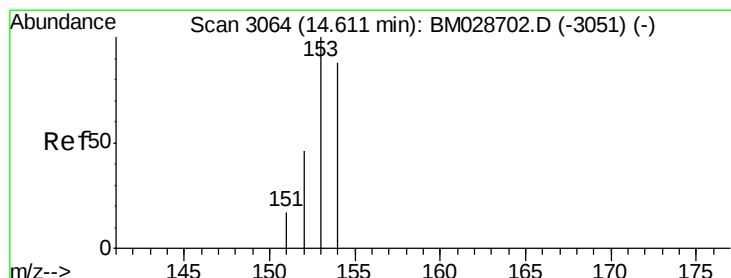
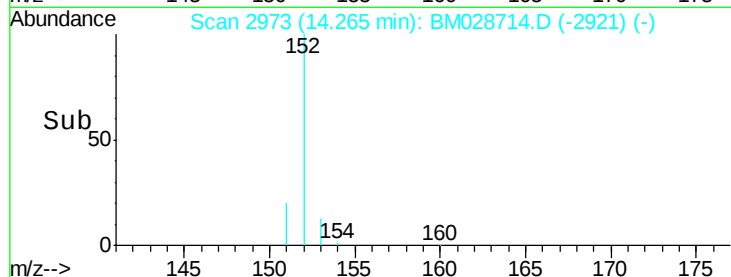
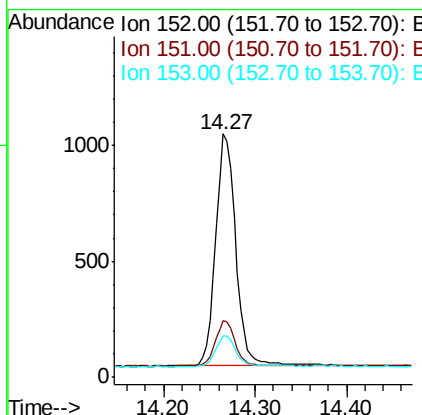
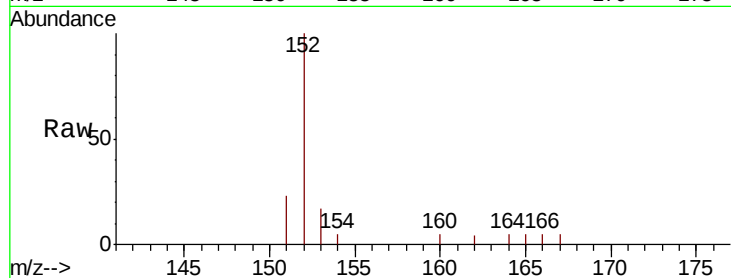
Acq: 10 Feb 2021 21:08

Instrument :

BNA_M

ClientSampled :

Tot Ion:	152	Resp:	1534
Ion	Ratio	Lower	Upper
152	100		
151	23.2	18.0	27.0
153	17.1	13.4	20.0



#8

Acenaphthene

Concen: 0.432 ng/ul

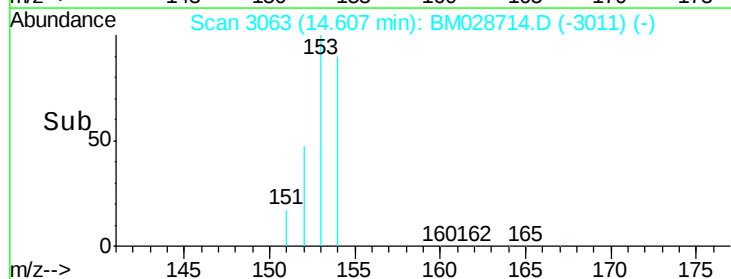
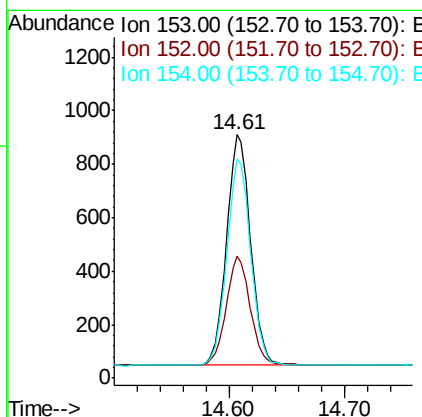
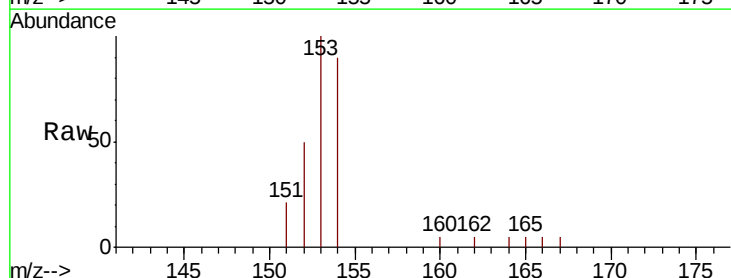
RT: 14.61 min Scan# 3063

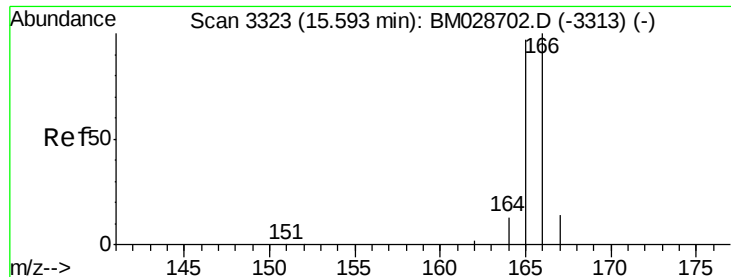
Delta R.T. -0.00 min

Lab File: BM028714.D

Acq: 10 Feb 2021 21:08

Tgt Ion:	153	Resp:	1249
Ion	Ratio	Lower	Upper
153	100		
152	50.2	39.6	59.4
154	90.1	70.3	105.5

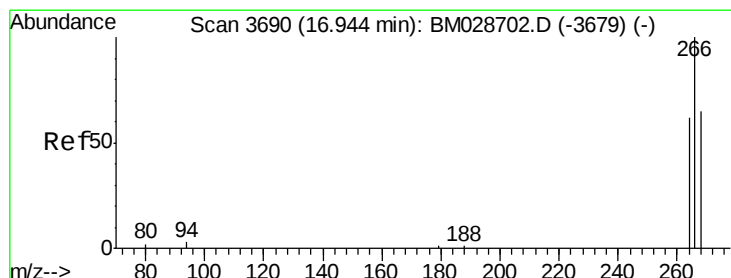
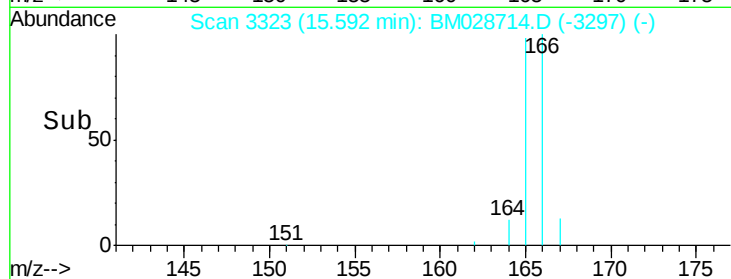
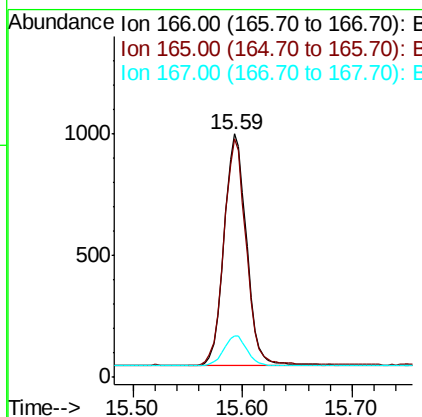
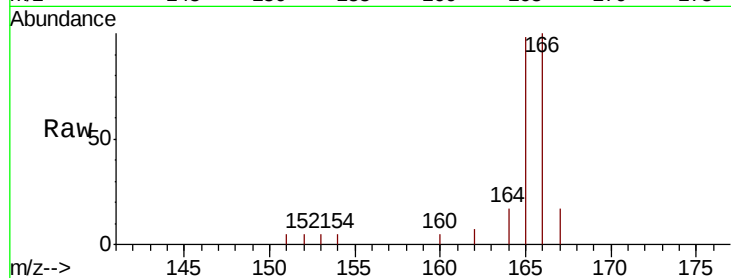




#9
Fluorene
 Concen: 0.420 ng/ul
 RT: 15.59 min Scan# 3323
 Delta R.T. -0.00 min
 Lab File: BM028714.D
 Acq: 10 Feb 2021 21:08

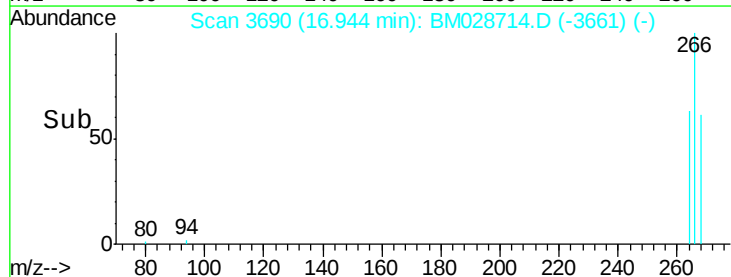
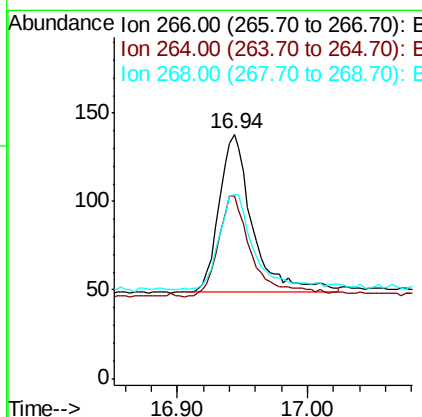
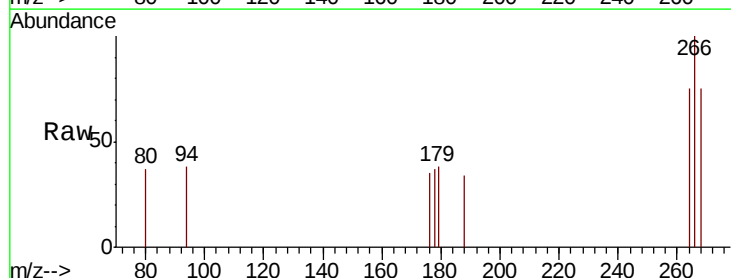
Instrument :
 BNA_M
 ClientSampleId :

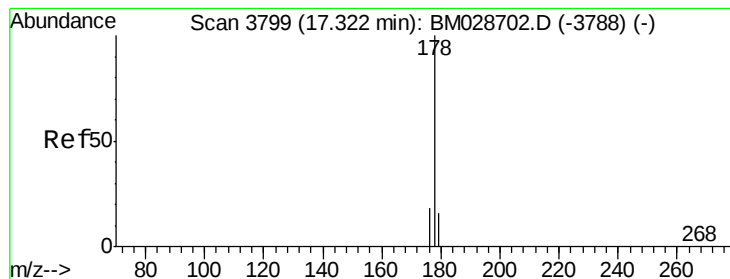
Tot Ion:166 Resp: 1346
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.6 119.4
 167 17.2 13.9 20.9



#11
Pentachlorophenol
 Concen: 0.362 ng/ul
 RT: 16.94 min Scan# 3690
 Delta R.T. -0.00 min
 Lab File: BM028714.D
 Acq: 10 Feb 2021 21:08

Tgt Ion:266 Resp: 157
 Ion Ratio Lower Upper
 266 100
 264 66.9 51.0 76.4
 268 66.9 53.0 79.4





#12

Phenanthrene

Concen: 0.446 ng/ul

RT: 17.32 min Scan# 3799

Delta R.T. -0.00 min

Lab File: BM028714.D

Acq: 10 Feb 2021 21:08

Instrument :

BNA_M

ClientSampleId :

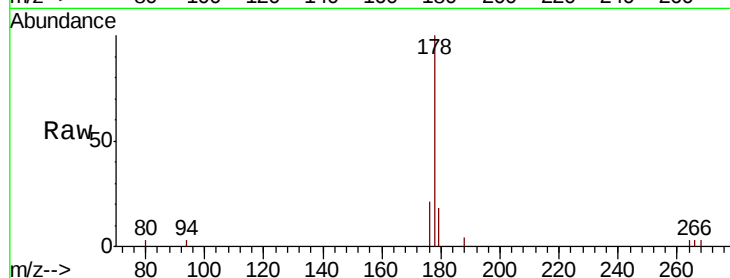
Tot Ion:178 Resp: 2070

Ion Ratio Lower Upper

178 100

179 18.4 14.7 22.1

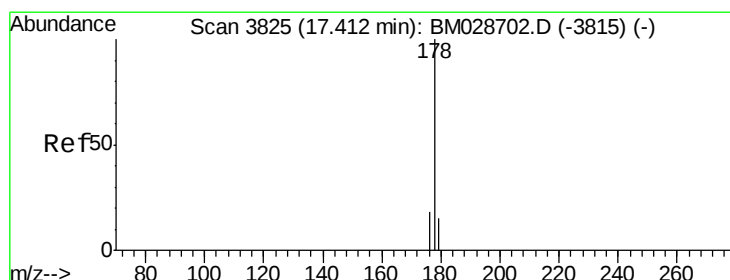
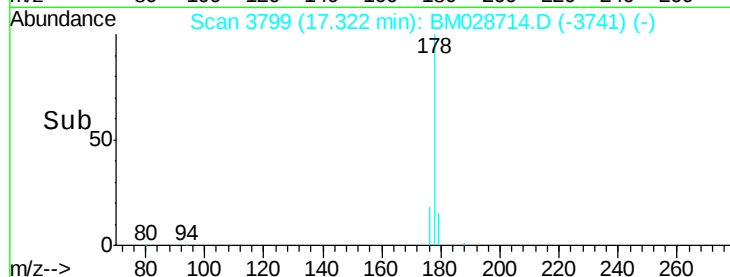
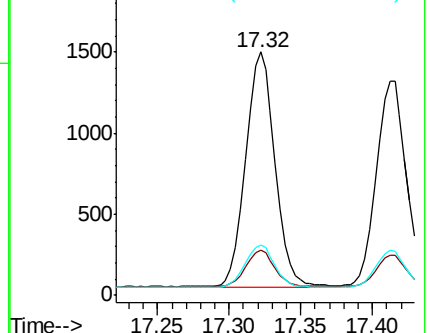
176 20.6 16.7 25.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.431 ng/ul

RT: 17.41 min Scan# 3825

Delta R.T. -0.00 min

Lab File: BM028714.D

Acq: 10 Feb 2021 21:08

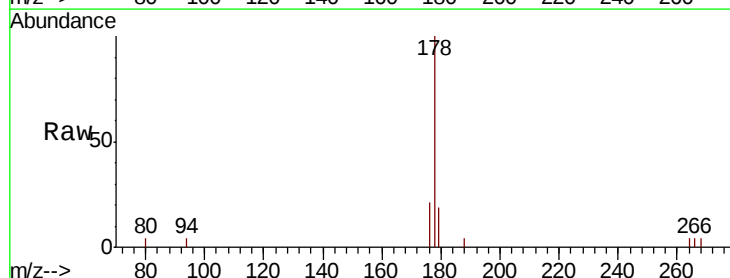
Tgt Ion:178 Resp: 1911

Ion Ratio Lower Upper

178 100

179 18.9 15.0 22.4

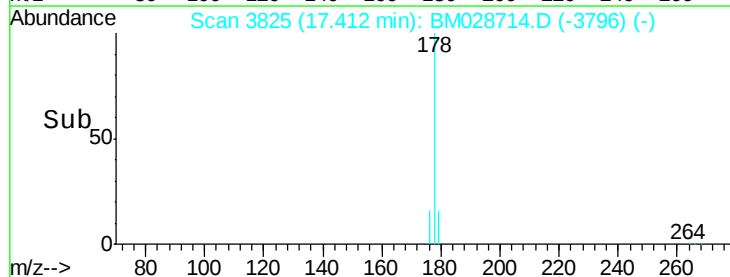
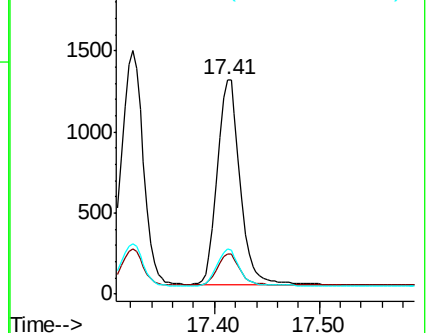
176 20.8 16.6 24.8

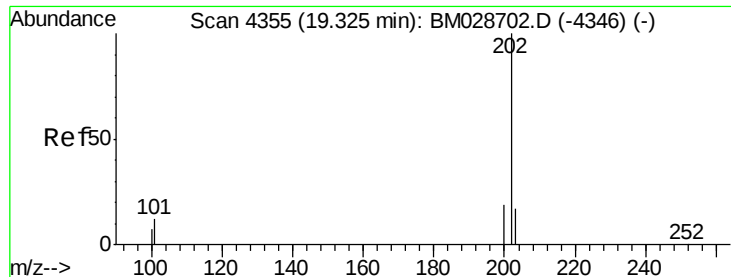


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

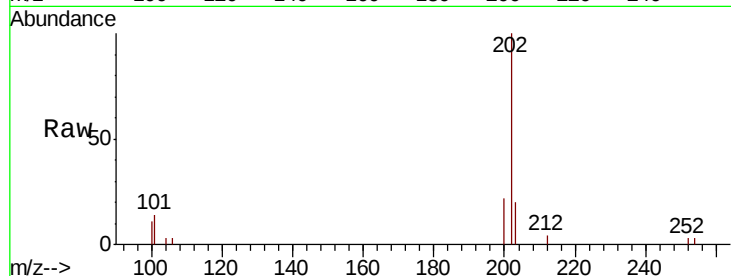




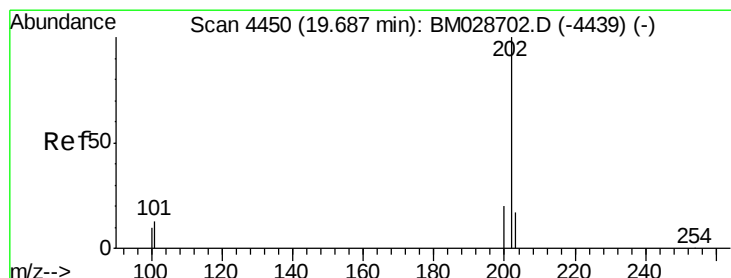
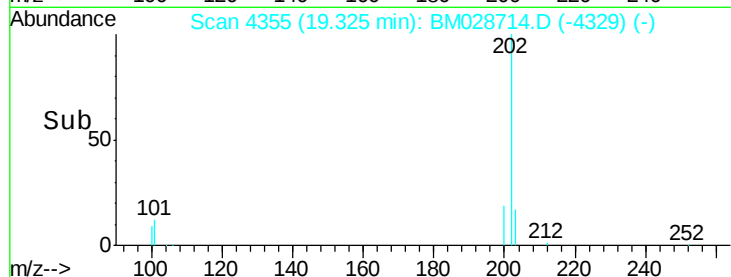
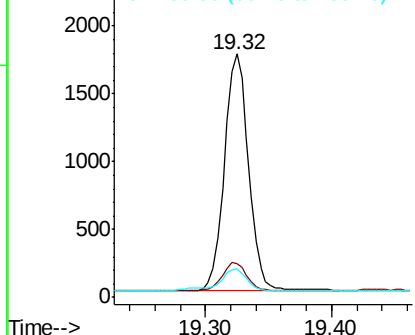
#15
Fluoranthene
Concen: 0.439 ng/ul
RT: 19.32 min Scan# 4355
Delta R.T. -0.00 min
Lab File: BM028714.D
Acq: 10 Feb 2021 21:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 2320
Ion Ratio Lower Upper
202 100
101 14.1 0.0 34.5
100 11.5 0.0 31.7

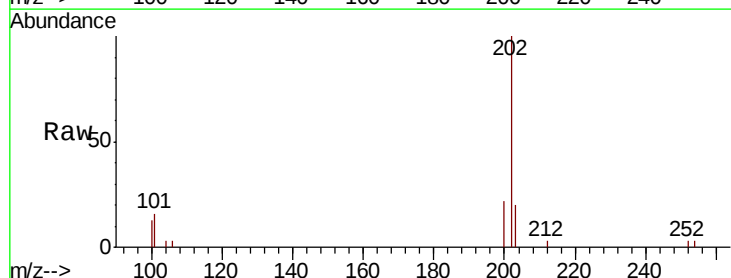


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

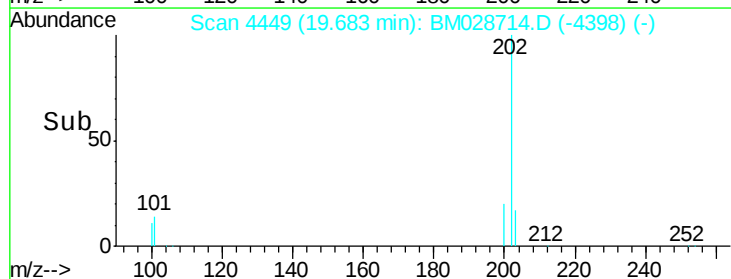
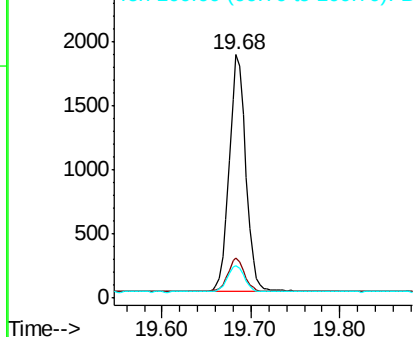


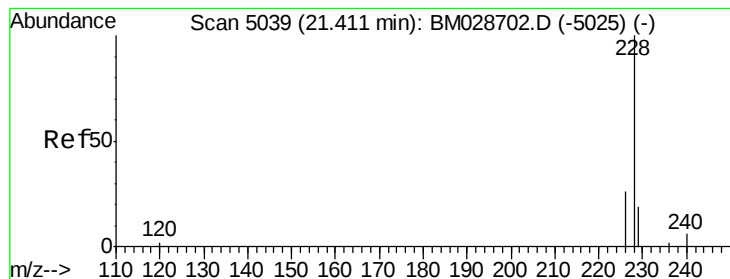
#17
Pyrene
Concen: 0.432 ng/ul
RT: 19.68 min Scan# 4449
Delta R.T. -0.00 min
Lab File: BM028714.D
Acq: 10 Feb 2021 21:08

Tgt Ion:202 Resp: 2400
Ion Ratio Lower Upper
202 100
101 16.3 12.7 19.1
100 13.3 10.2 15.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.429 ng/ul

RT: 21.41 min Scan# 5039

Delta R.T. -0.00 min

Lab File: BM028714.D

Acq: 10 Feb 2021 21:08

Instrument :

BNA_M

ClientSampleId :

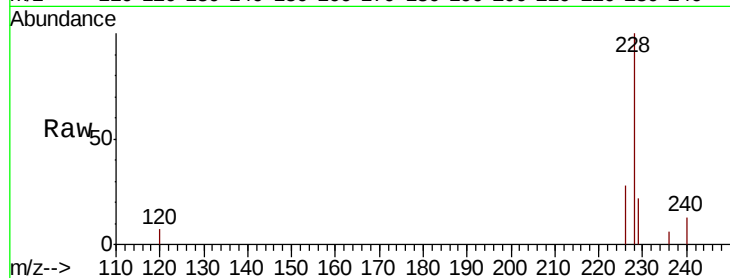
Tot Ion:228 Resp: 2239

Ion Ratio Lower Upper

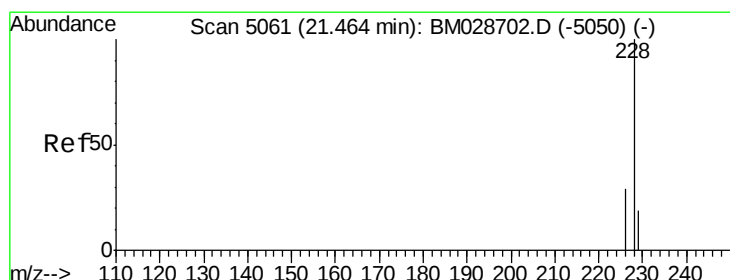
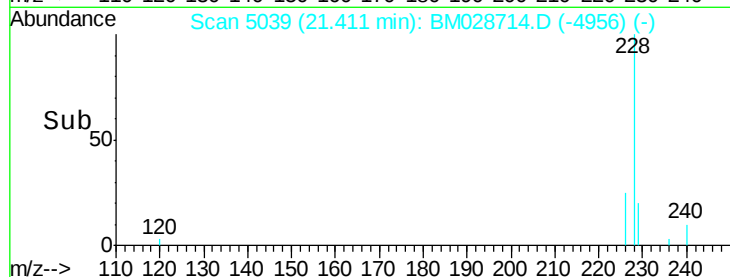
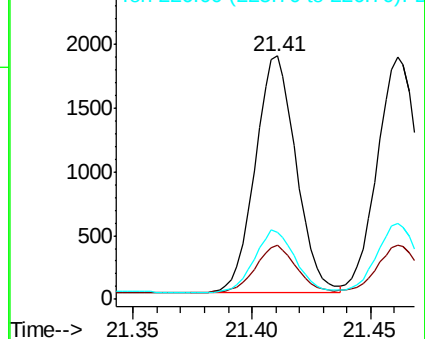
228 100

229 22.3 18.9 28.3

226 27.7 22.6 34.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.440 ng/ul

RT: 21.46 min Scan# 5060

Delta R.T. -0.00 min

Lab File: BM028714.D

Acq: 10 Feb 2021 21:08

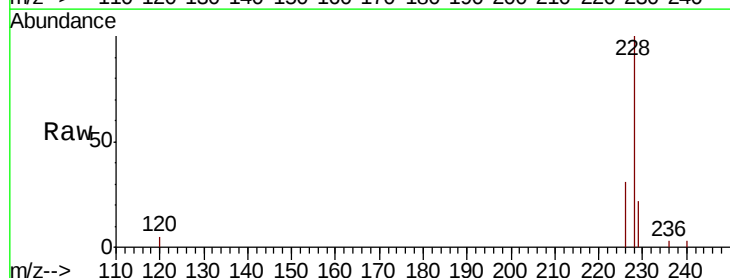
Tgt Ion:228 Resp: 2279

Ion Ratio Lower Upper

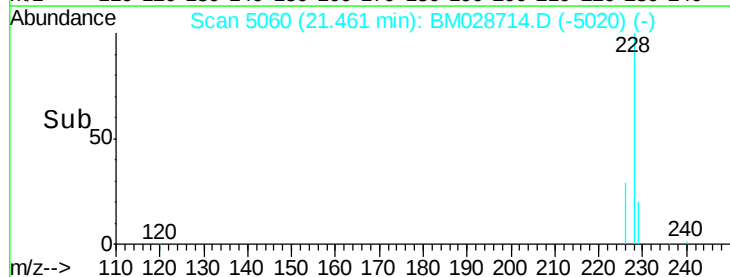
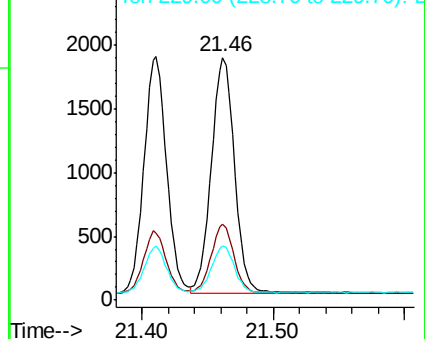
228 100

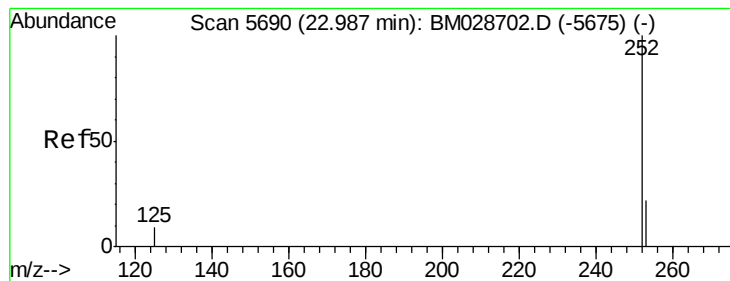
226 31.2 24.6 37.0

229 22.2 18.8 28.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.457 ng/ul

RT: 22.98 min Scan# 5689

Delta R.T. -0.00 min

Lab File: BM028714.D

Acq: 10 Feb 2021 21:08

Instrument :

BNA_M

ClientSampleId :

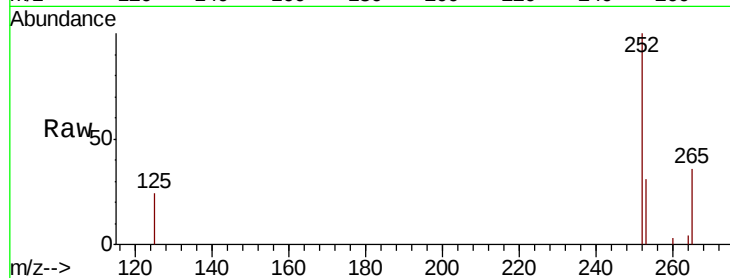
Tot Ion:252 Resp: 2403

Ion Ratio Lower Upper

252 100

253 30.6 0.0 67.0

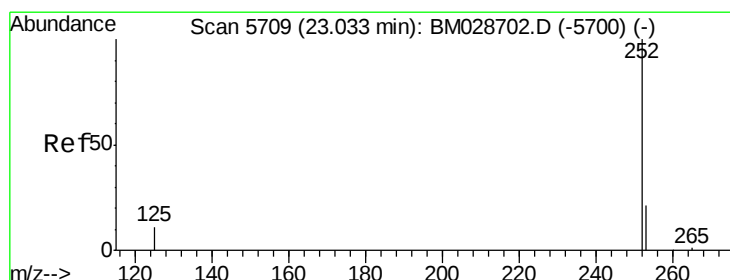
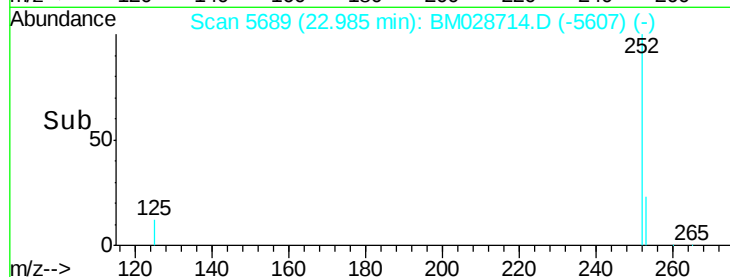
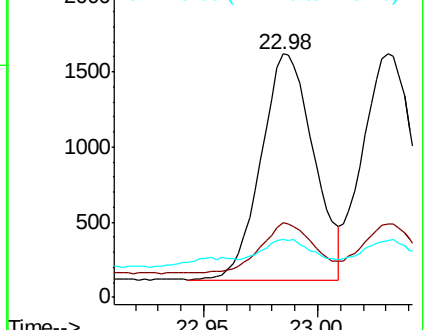
125 23.6 0.0 57.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.456 ng/ul

RT: 23.03 min Scan# 5708

Delta R.T. -0.00 min

Lab File: BM028714.D

Acq: 10 Feb 2021 21:08

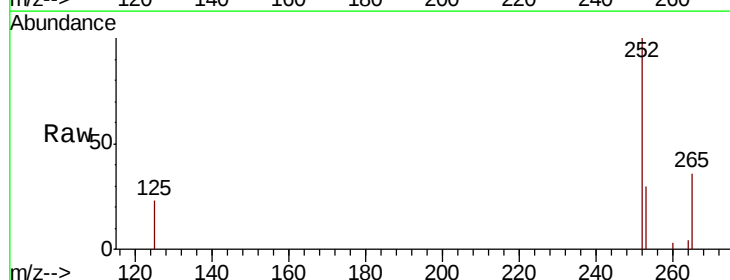
Tgt Ion:252 Resp: 2393

Ion Ratio Lower Upper

252 100

253 30.3 26.3 39.5

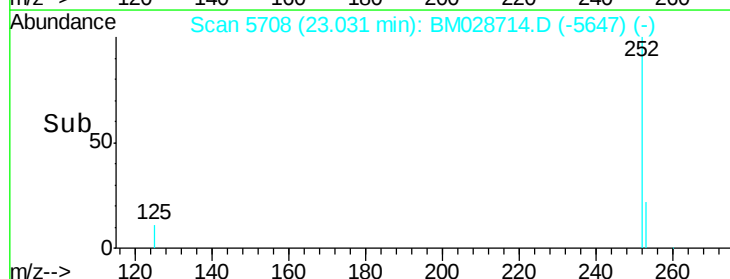
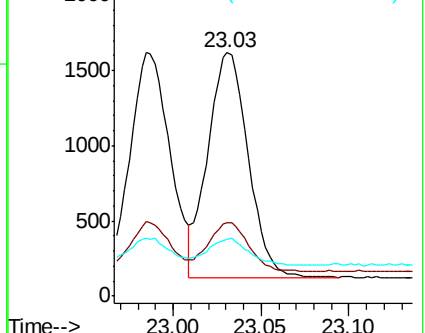
125 23.4 22.9 34.3

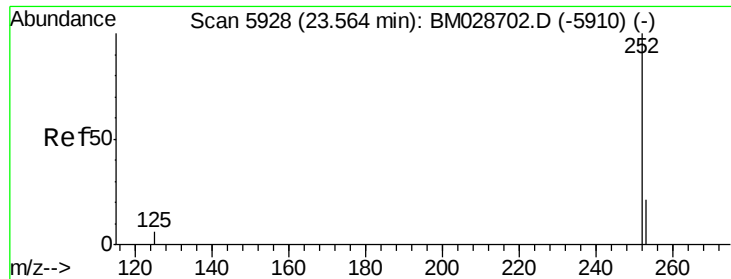


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.470 ng/u1

RT: 23.56 min Scan# 5928

Delta R.T. -0.00 min

Lab File: BM028714.D

Acq: 10 Feb 2021 21:08

Instrument :

BNA_M

ClientSampleId :

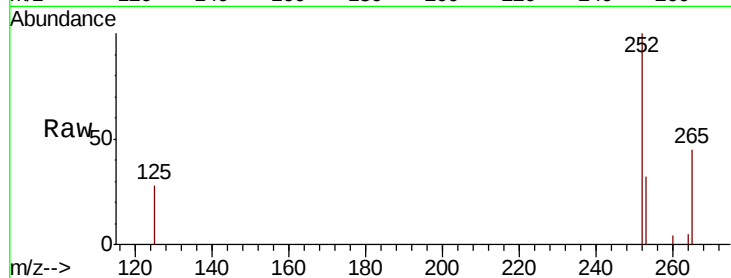
Tot Ion:252 Resp: 2200

Ion Ratio Lower Upper

252 100

253 32.0 28.7 43.1

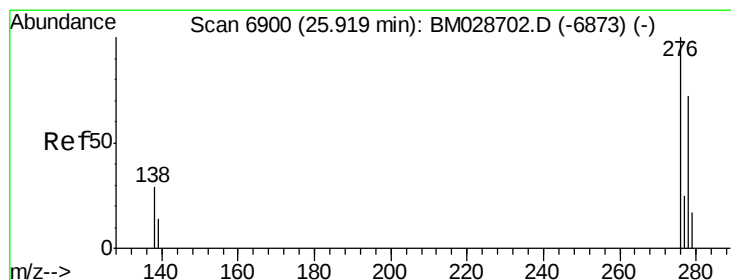
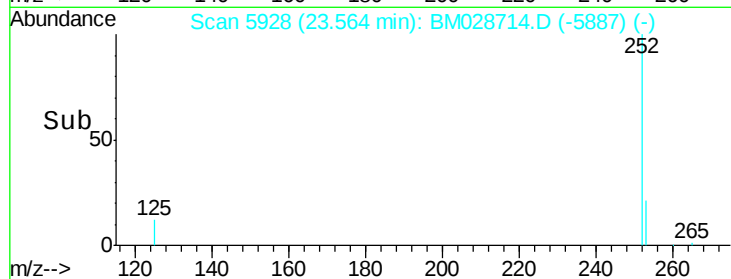
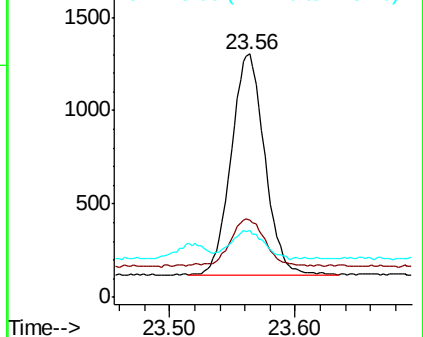
125 27.5 27.9 41.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.455 ng/u1

RT: 25.92 min Scan# 6899

Delta R.T. -0.00 min

Lab File: BM028714.D

Acq: 10 Feb 2021 21:08

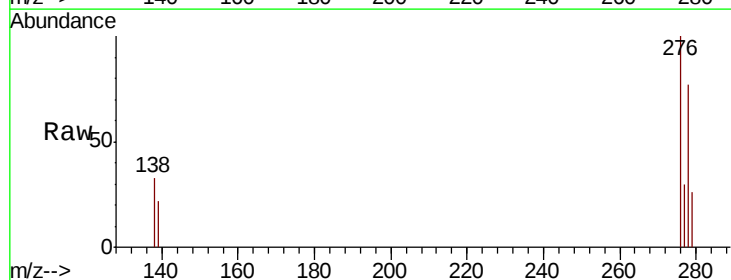
Tgt Ion:276 Resp: 2777

Ion Ratio Lower Upper

276 100

138 28.8 0.0 0.0#

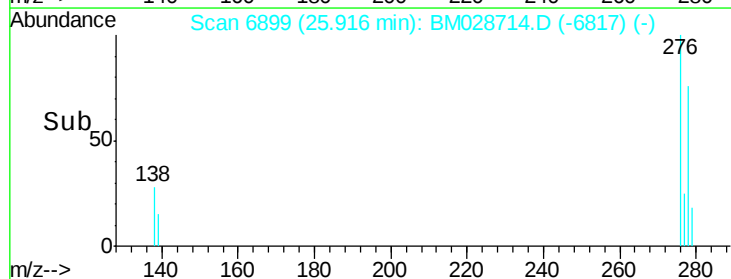
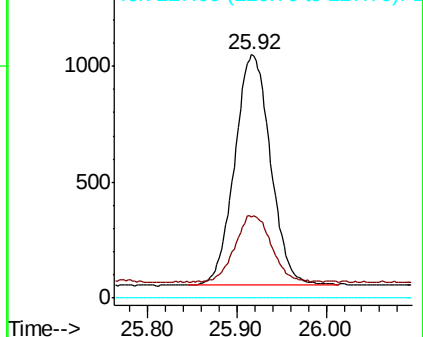
227 0.0 0.0 0.0

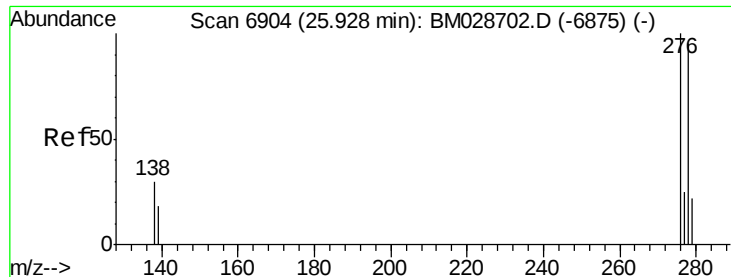


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

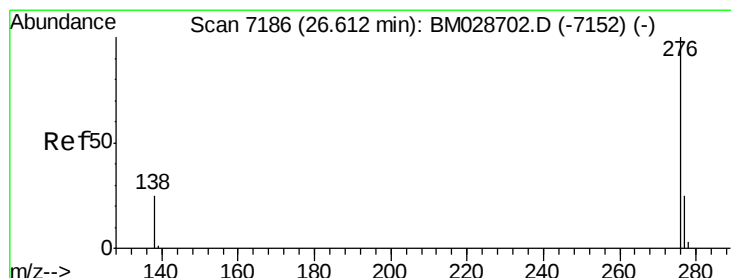
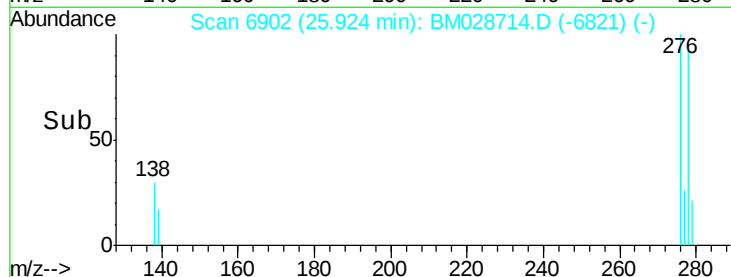
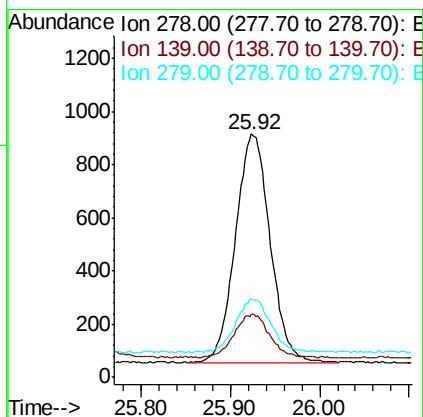
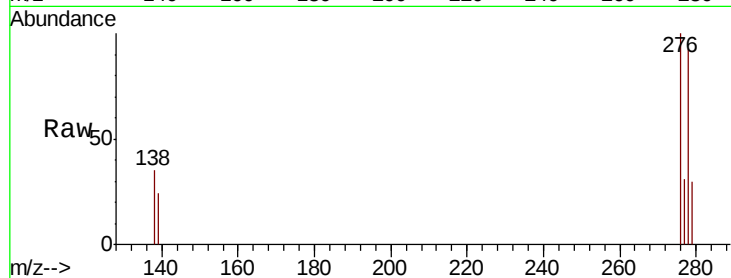




#25
Dibenzo(a,h)anthracene
Concen: 0.452 ng/ul
RT: 25.92 min Scan# 6902
Delta R.T. -0.00 min
Lab File: BM028714.D
Acq: 10 Feb 2021 21:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 2313
Ion Ratio Lower Upper
278 100
139 26.1 24.9 37.3
279 32.1 28.3 42.5



#26
Benzo(g,h,i)perylene
Concen: 0.473 ng/ul
RT: 26.61 min Scan# 7185
Delta R.T. -0.00 min
Lab File: BM028714.D
Acq: 10 Feb 2021 21:08

Tgt Ion:276 Resp: 2400
Ion Ratio Lower Upper
276 100
138 29.6 25.4 38.2
277 29.4 25.3 37.9

