

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020521\
 Data File : BM028664.D
 Acq On : 05 Feb 2021 15:03
 Operator : CG/JU
 Sample : SST0.877
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 05 15:58:50 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 : Fri Feb 05 15:47:53 2021
 Response via : Initial Calibration

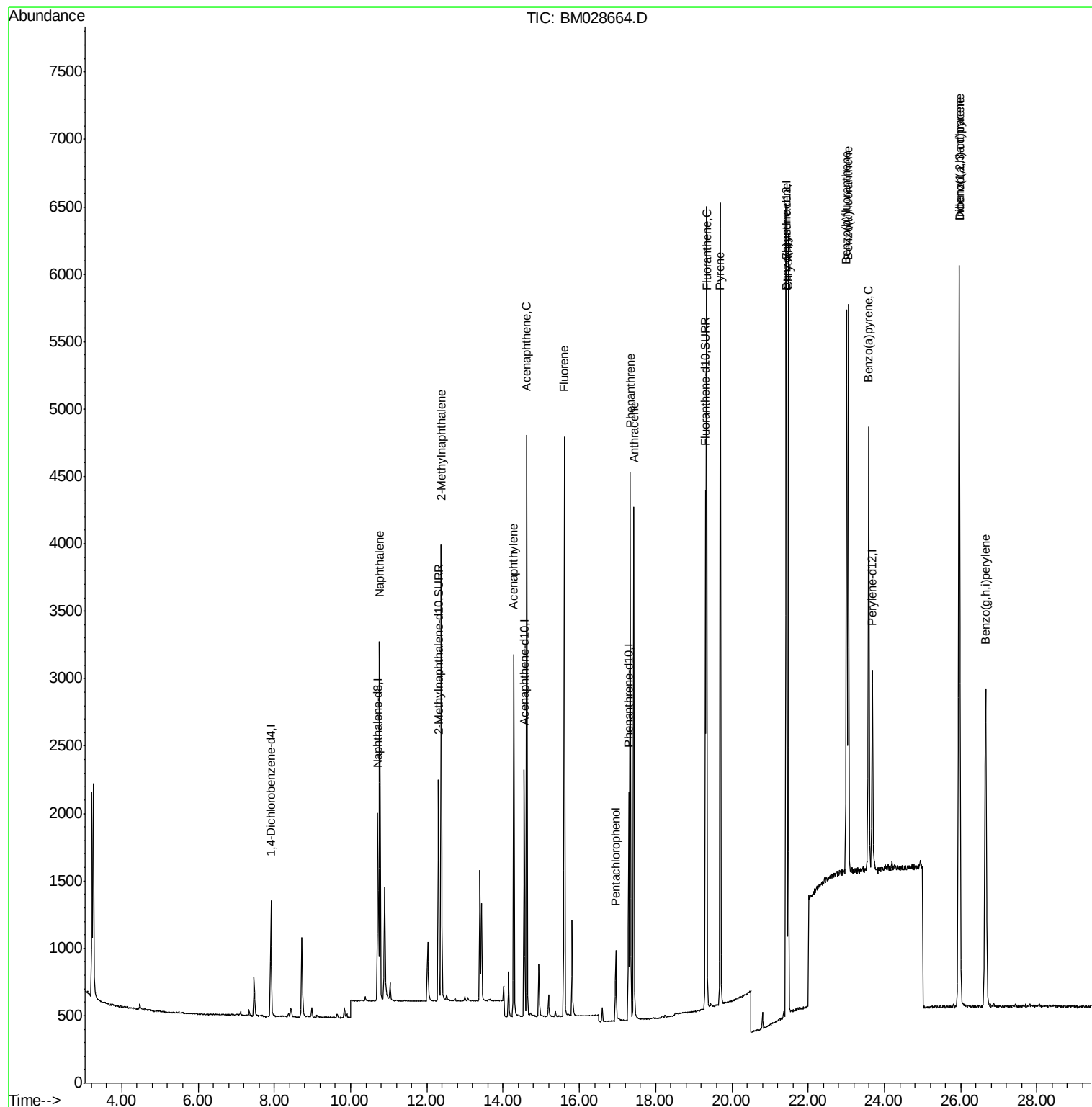
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	477	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	1893	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	990	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	1968	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1823	0.40	ng/ul	0.00
20) Perylene-d12	23.68	264	1915	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	2116	0.66	ng/ul	0.00
14) Fluoranthene-d10	19.31	212	3987	0.76	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.77	128	3695	0.651	ng/ul	96
5) 2-Methylnaphthalene	12.38	142	2483	0.643	ng/ul	98
7) Acenaphthylene	14.28	152	3137	0.649	ng/ul	97
8) Acenaphthene	14.62	153	2479	0.685	ng/ul	99
9) Fluorene	15.60	166	2761	0.658	ng/ul	97
11) Pentachlorophenol	16.95	266	393	0.586	ng/ul	98
12) Phenanthrene	17.33	178	4213	0.678	ng/ul	97
13) Anthracene	17.43	178	4050	0.675	ng/ul	96
15) Fluoranthene	19.34	202	4800	0.696	ng/ul	95
17) Pyrene	19.69	202	4935	0.533	ng/ul	99
18) Benzo(a)anthracene	21.42	228	4676	0.636	ng/ul	97
19) Chrysene	21.47	228	4664	0.651	ng/ul	98
21) Benzo(b)fluoranthene	23.01	252	4951	0.615	ng/ul	87
22) Benzo(k)fluoranthene	23.05	252	4988	0.633	ng/ul#	88
23) Benzo(a)pyrene	23.59	252	4438	0.631	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.96	276	5775	0.758	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.97	278	4802	0.757	ng/ul#	89
26) Benzo(g,h,i)perylene	26.65	276	4852	0.759	ng/ul	93

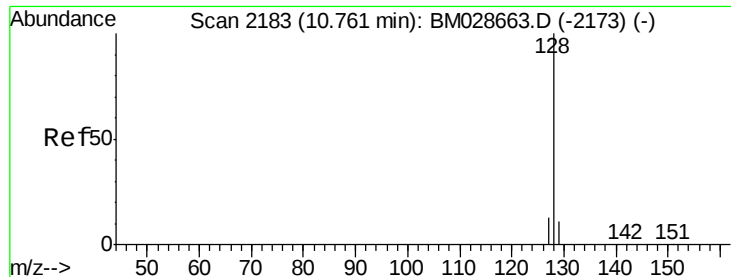
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020521\
Data File : BM028664.D
Acq On : 05 Feb 2021 15:03
Operator : CG/JU
Sample : SST00.877
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :

Quant Time: Feb 05 15:58:50 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 : Fri Feb 05 15:47:53 2021
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.651 ng/ul

RT: 10.77 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BM028664.D

Acq: 05 Feb 2021 15:03

Instrument :

BNA_M

ClientSampleId :

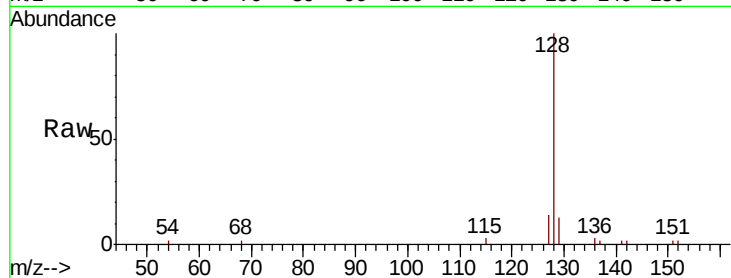
Tot Ion:128 Resp: 3695

Ion Ratio Lower Upper

128 100

129 12.8 11.4 17.2

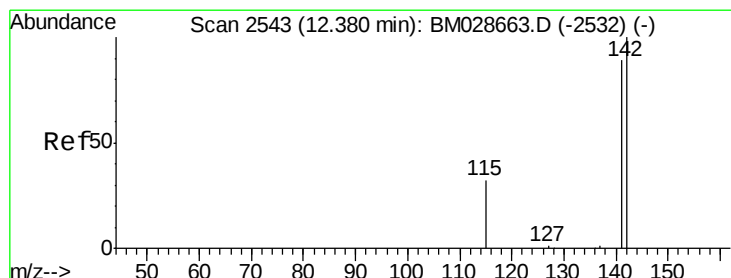
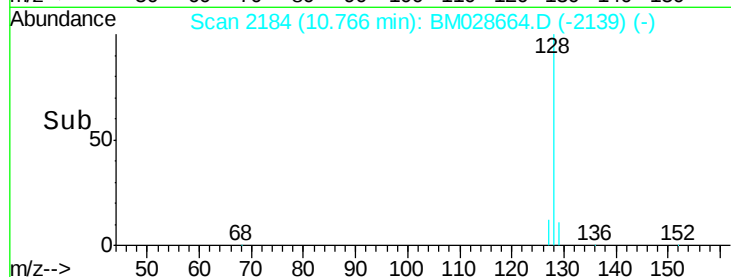
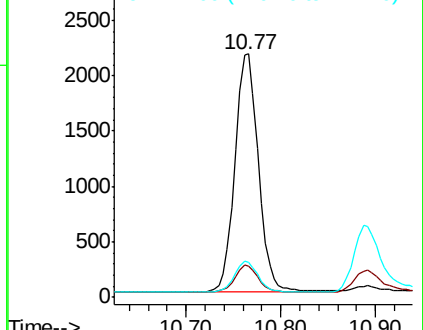
127 14.2 13.0 19.6



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: 0.643 ng/ul

RT: 12.38 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BM028664.D

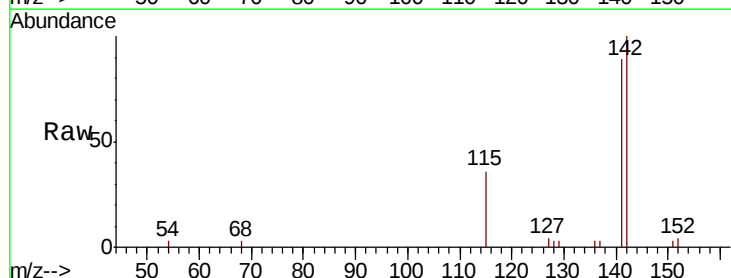
Acq: 05 Feb 2021 15:03

Tgt Ion:142 Resp: 2483

Ion Ratio Lower Upper

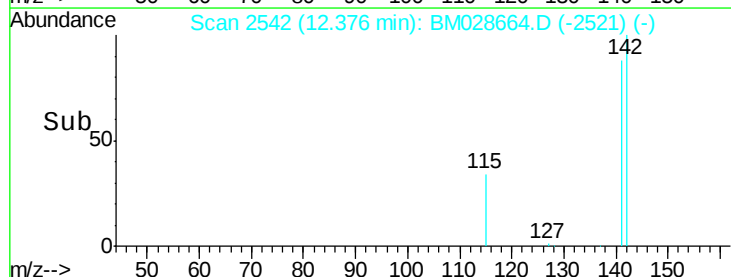
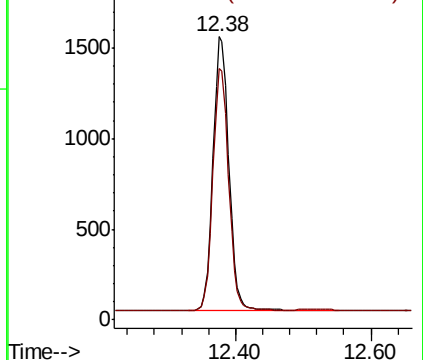
142 100

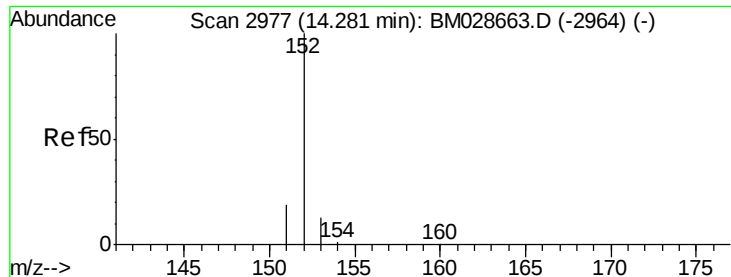
141 88.1 72.2 108.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.649 ng/ul

RT: 14.28 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BM028664.D

Acq: 05 Feb 2021 15:03

Instrument :

BNA_M

ClientSampled :

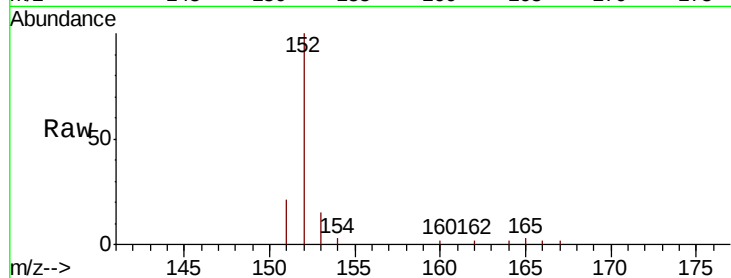
Tot Ion:152 Resp: 3137

Ion Ratio Lower Upper

152 100

151 21.3 18.0 27.0

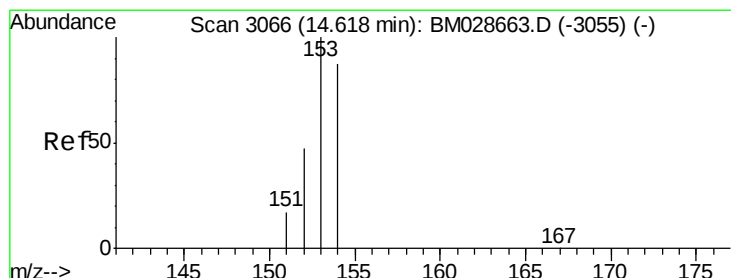
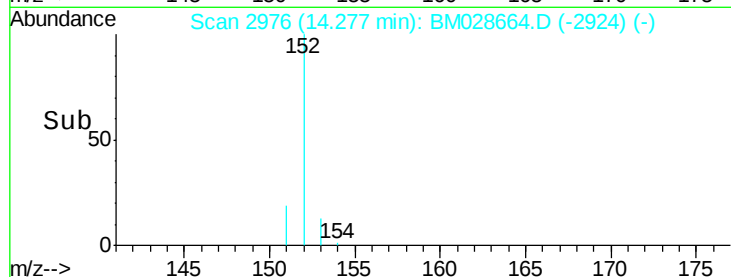
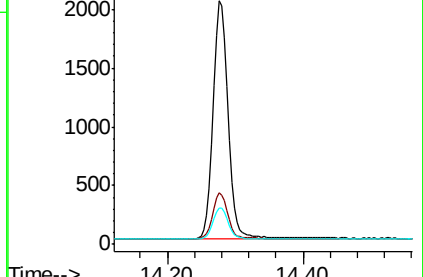
153 14.8 13.4 20.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.685 ng/ul

RT: 14.62 min Scan# 3066

Delta R.T. 0.00 min

Lab File: BM028664.D

Acq: 05 Feb 2021 15:03

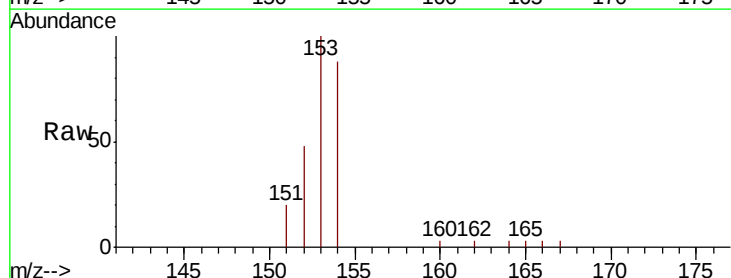
Tgt Ion:153 Resp: 2479

Ion Ratio Lower Upper

153 100

152 47.8 39.6 59.4

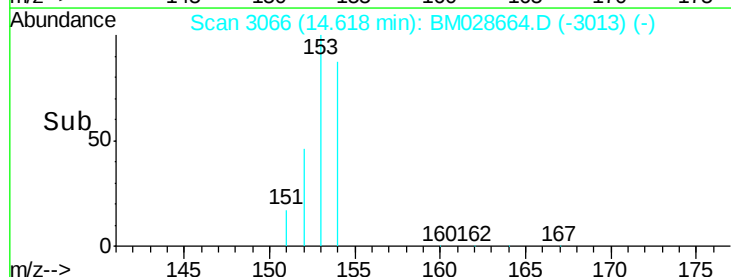
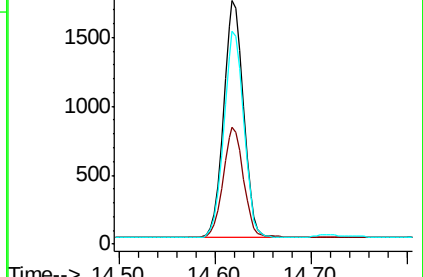
154 87.6 70.3 105.5

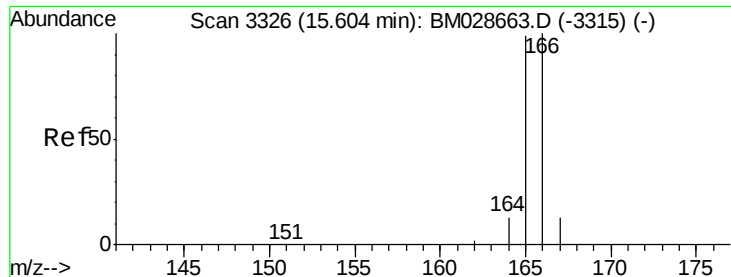


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

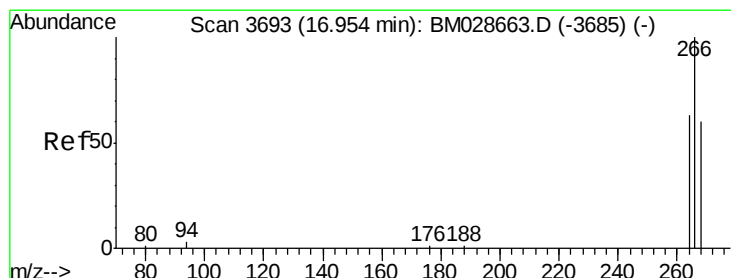
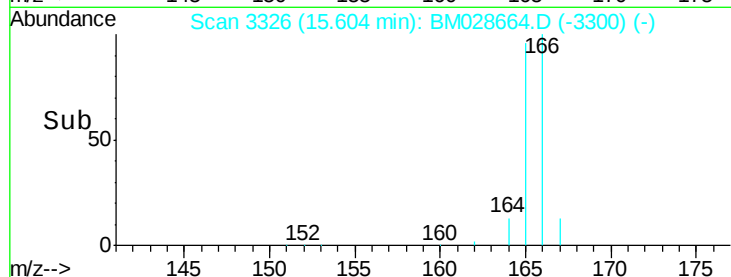
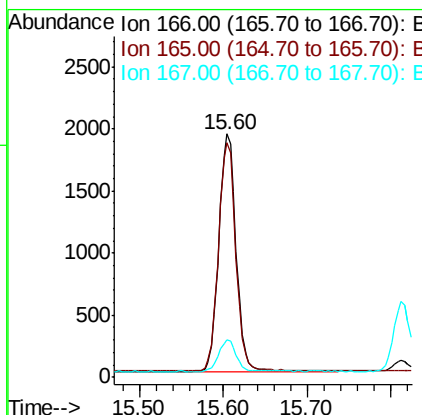
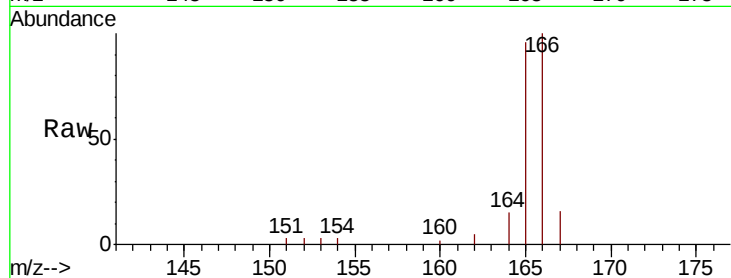




#9
Fluorene
 Concen: 0.658 ng/ul
 RT: 15.60 min Scan# 3326
 Delta R.T. 0.00 min
 Lab File: BM028664.D
 Acq: 05 Feb 2021 15:03

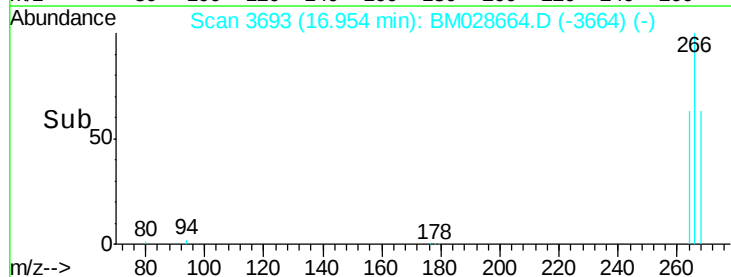
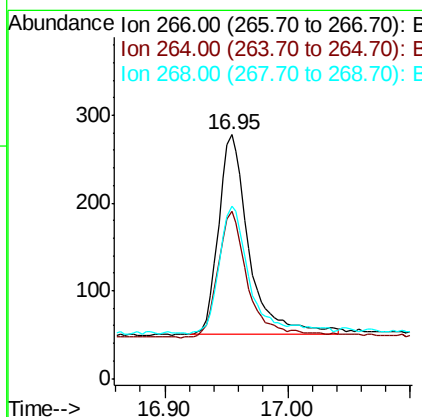
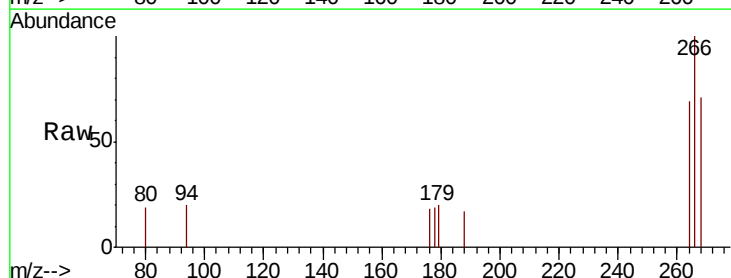
Instrument :
 BNA_M
 ClientSampleId :

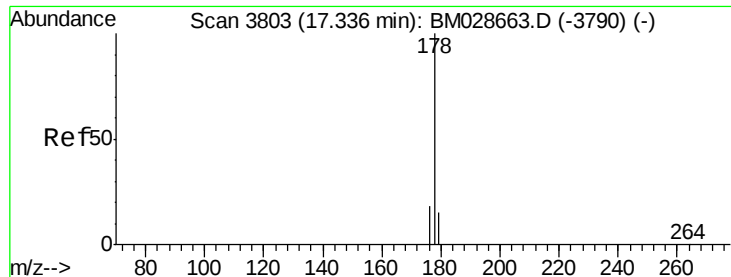
Tot Ion:166 Resp: 2761
 Ion Ratio Lower Upper
 166 100
 165 96.4 79.6 119.4
 167 15.5 13.9 20.9



#11
Pentachlorophenol
 Concen: 0.586 ng/ul
 RT: 16.95 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: BM028664.D
 Acq: 05 Feb 2021 15:03

Tgt Ion:266 Resp: 393
 Ion Ratio Lower Upper
 266 100
 264 64.9 51.0 76.4
 268 64.9 53.0 79.4





#12

Phenanthrene

Concen: 0.678 ng/ul

RT: 17.33 min Scan# 3802

Delta R.T. -0.00 min

Lab File: BM028664.D

Acq: 05 Feb 2021 15:03

Instrument :

BNA_M

ClientSampleId :

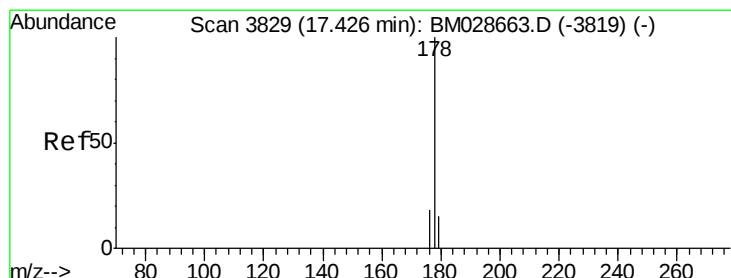
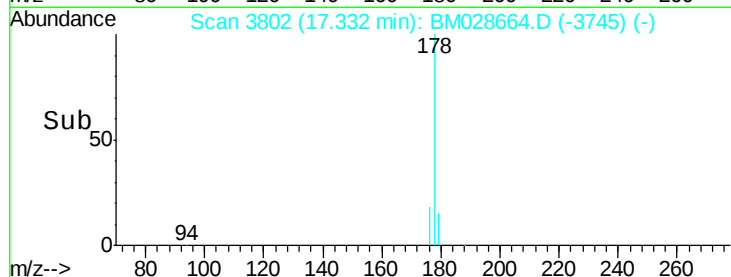
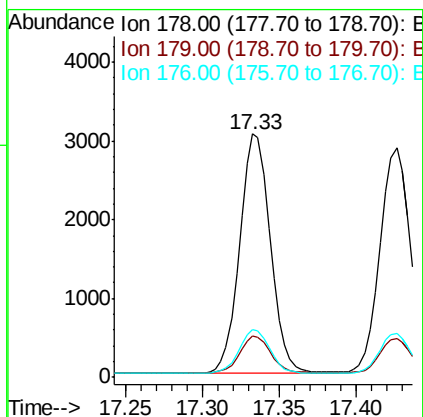
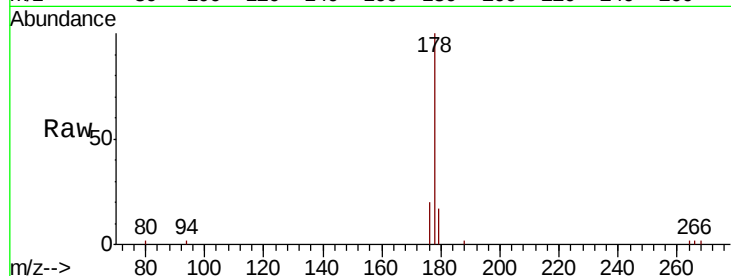
Tot Ion:178 Resp: 4213

Ion Ratio Lower Upper

178 100

179 16.8 14.7 22.1

176 19.5 16.7 25.1



#13

Anthracene

Concen: 0.675 ng/ul

RT: 17.43 min Scan# 3829

Delta R.T. 0.00 min

Lab File: BM028664.D

Acq: 05 Feb 2021 15:03

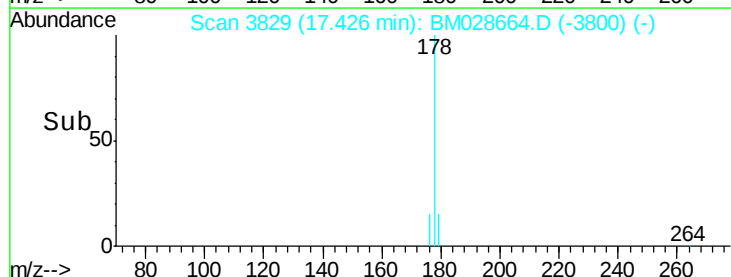
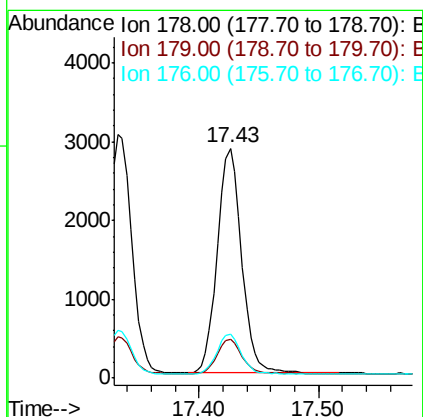
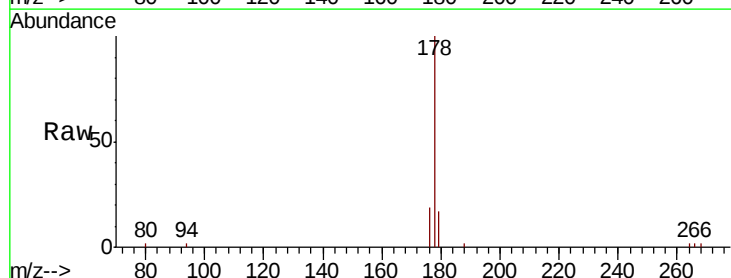
Tgt Ion:178 Resp: 4050

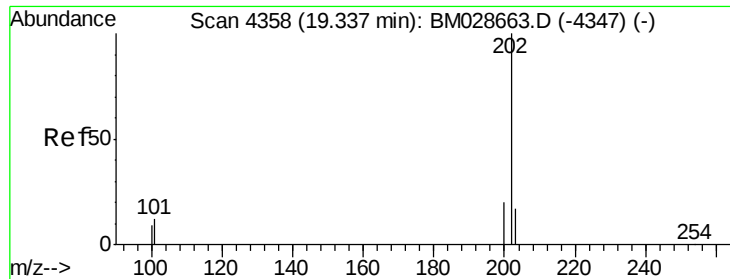
Ion Ratio Lower Upper

178 100

179 16.8 15.0 22.4

176 19.2 16.6 24.8





#15

Fluoranthene

Concen: 0.696 ng/ul

RT: 19.34 min Scan# 4358

Delta R.T. 0.00 min

Lab File: BM028664.D

Acq: 05 Feb 2021 15:03

Instrument :

BNA_M

ClientSampleId :

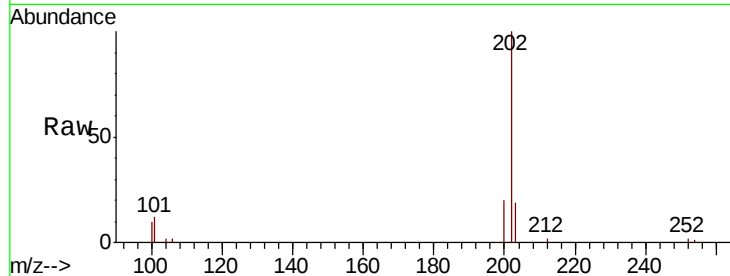
Tot Ion:202 Resp: 4800

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.5

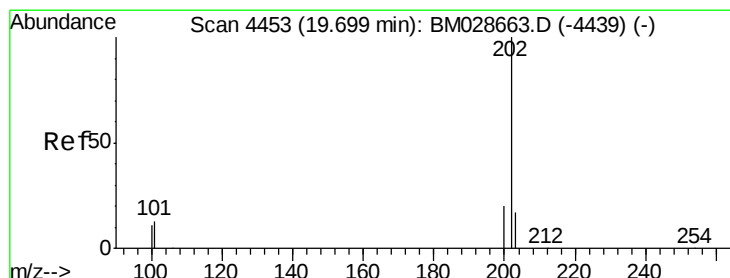
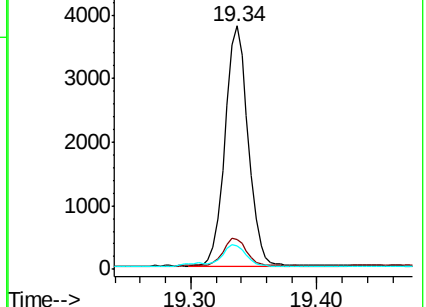
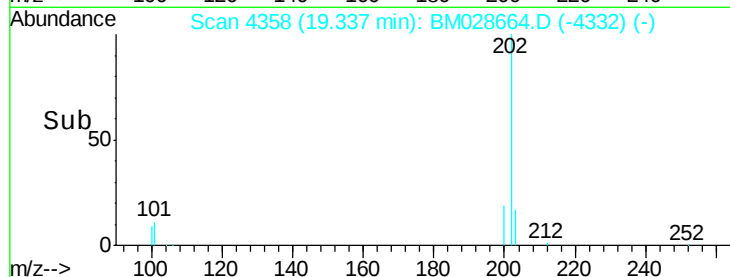
100 9.8 0.0 31.7



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: 0.533 ng/ul

RT: 19.69 min Scan# 4452

Delta R.T. -0.00 min

Lab File: BM028664.D

Acq: 05 Feb 2021 15:03

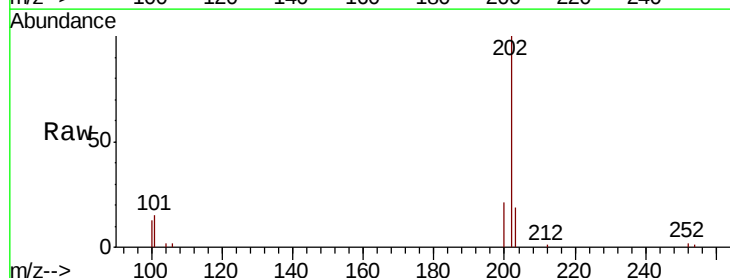
Tgt Ion:202 Resp: 4935

Ion Ratio Lower Upper

202 100

101 15.2 12.7 19.1

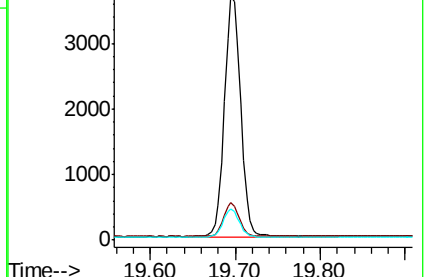
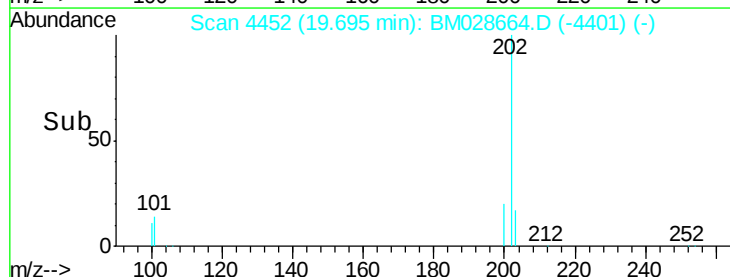
100 12.7 10.2 15.4

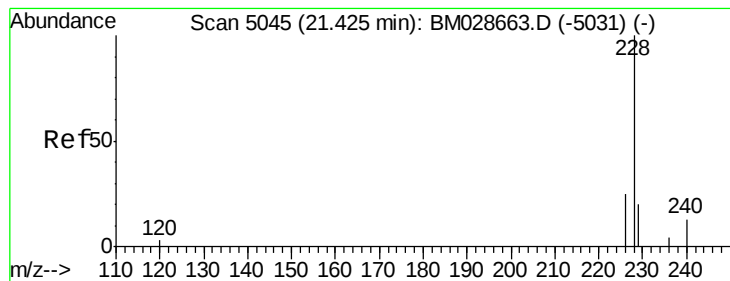


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.636 ng/ul

RT: 21.42 min Scan# 5044

Delta R.T. -0.00 min

Lab File: BM028664.D

Acq: 05 Feb 2021 15:03

Instrument :

BNA_M

ClientSampleId :

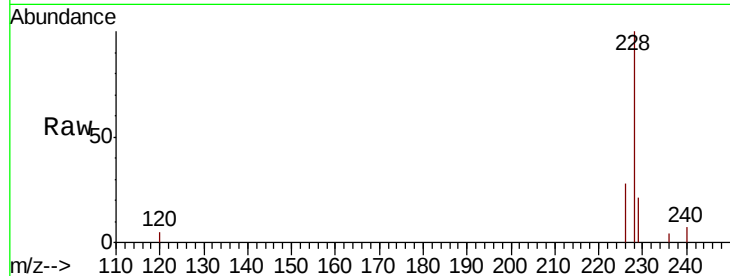
Tot Ion:228 Resp: 4676

Ion Ratio Lower Upper

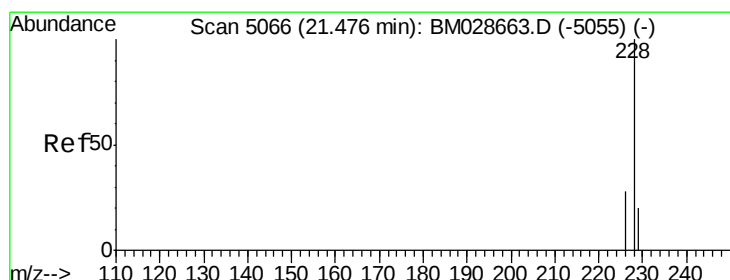
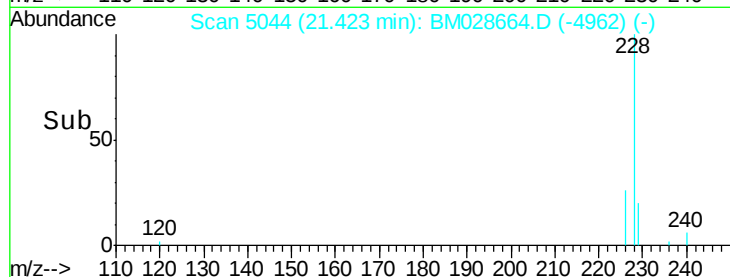
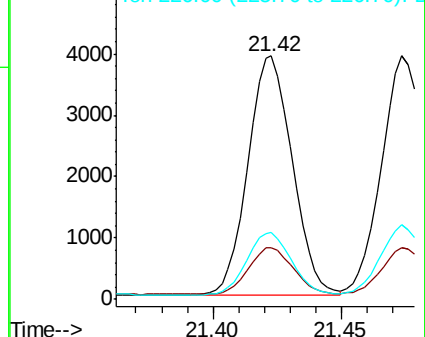
228 100

229 21.3 18.9 28.3

226 27.6 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: 0.651 ng/ul

RT: 21.47 min Scan# 5065

Delta R.T. -0.00 min

Lab File: BM028664.D

Acq: 05 Feb 2021 15:03

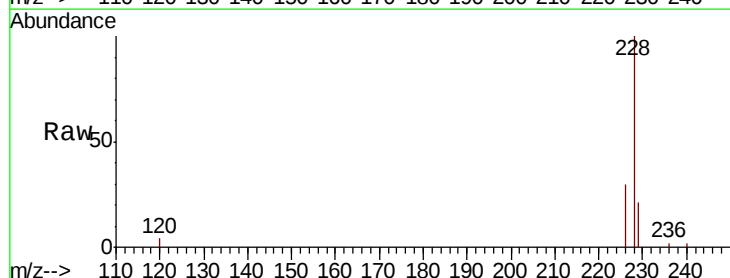
Tgt Ion:228 Resp: 4664

Ion Ratio Lower Upper

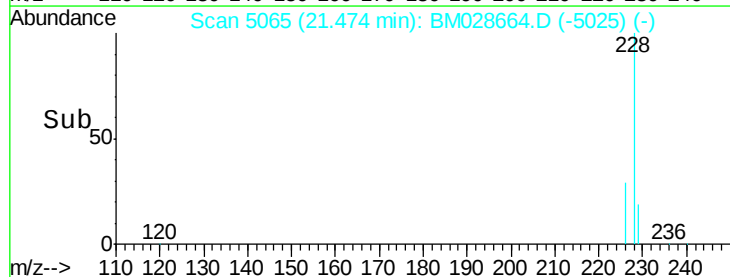
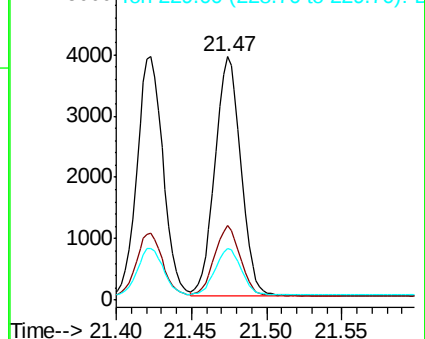
228 100

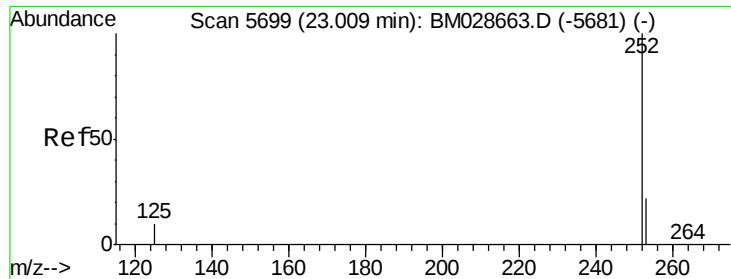
226 30.4 24.6 37.0

229 21.2 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: 0.615 ng/ul

RT: 23.01 min Scan# 5698

Delta R.T. -0.00 min

Lab File: BM028664.D

Acq: 05 Feb 2021 15:03

Instrument :

BNA_M

ClientSampleId :

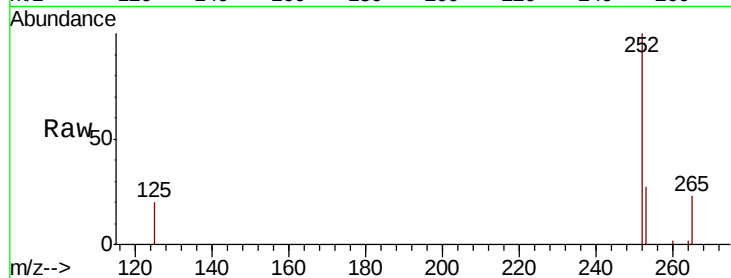
Tot Ion:252 Resp: 4951

Ion Ratio Lower Upper

252 100

253 27.4 0.0 67.0

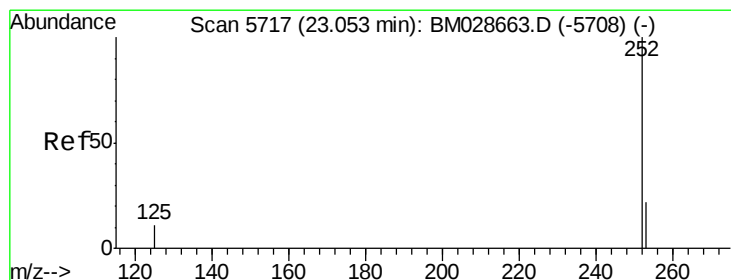
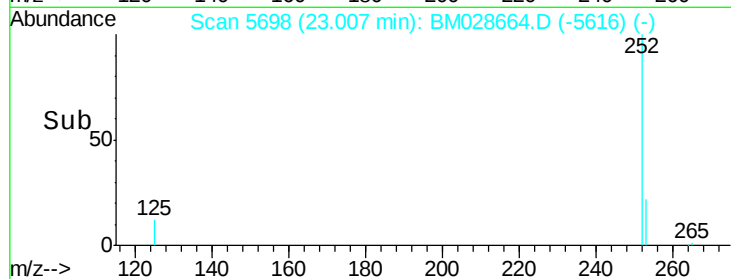
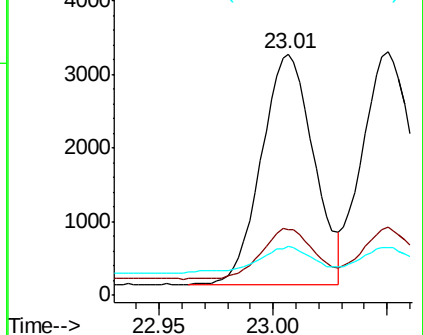
125 20.3 0.0 57.4



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: 0.633 ng/ul

RT: 23.05 min Scan# 5716

Delta R.T. -0.00 min

Lab File: BM028664.D

Acq: 05 Feb 2021 15:03

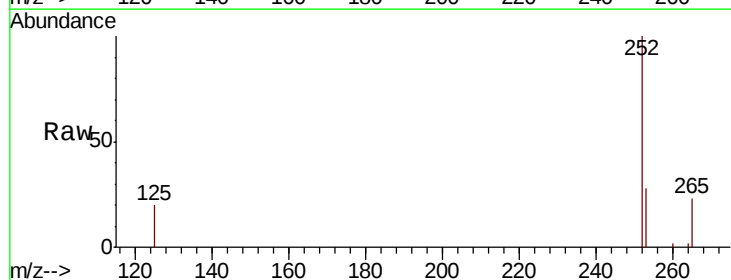
Tgt Ion:252 Resp: 4988

Ion Ratio Lower Upper

252 100

253 27.9 26.3 39.5

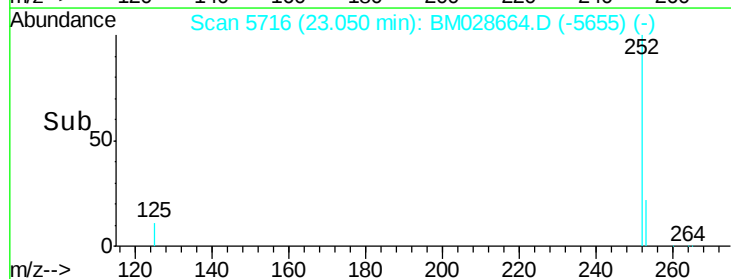
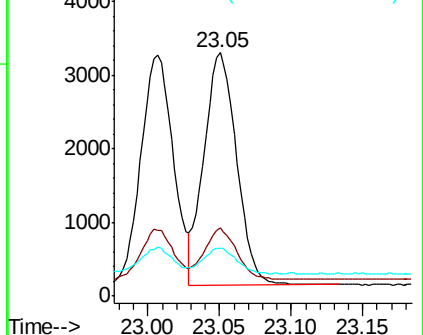
125 19.9 22.9 34.3#

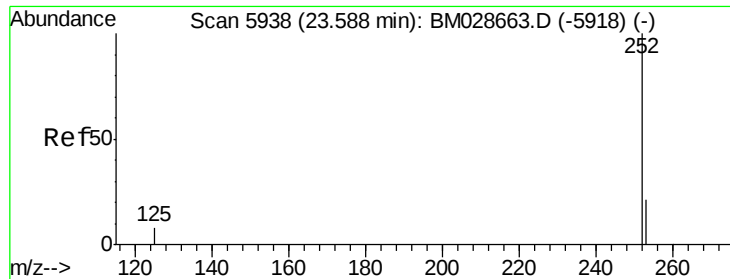


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.631 ng/ul

RT: 23.59 min Scan# 5937

Delta R.T. -0.00 min

Lab File: BM028664.D

Acq: 05 Feb 2021 15:03

Instrument :

BNA_M

ClientSampleId :

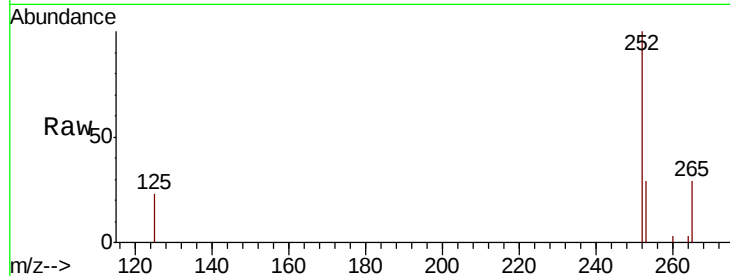
Tot Ion:252 Resp: 4438

Ion Ratio Lower Upper

252 100

253 29.3 28.7 43.1

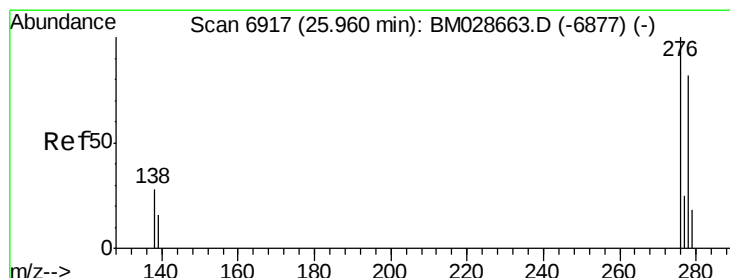
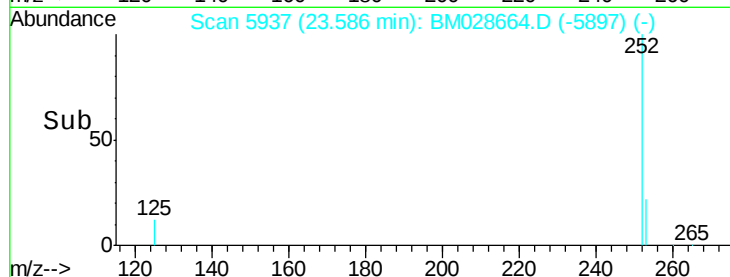
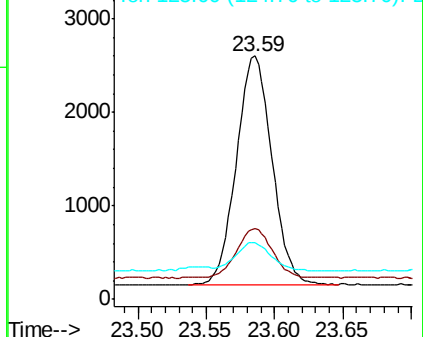
125 23.2 27.9 41.9#



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: 0.758 ng/ul

RT: 25.96 min Scan# 6915

Delta R.T. -0.00 min

Lab File: BM028664.D

Acq: 05 Feb 2021 15:03

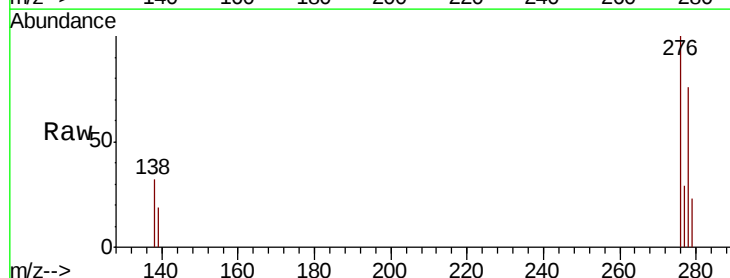
Tgt Ion:276 Resp: 5775

Ion Ratio Lower Upper

276 100

138 28.3 0.0 0.0#

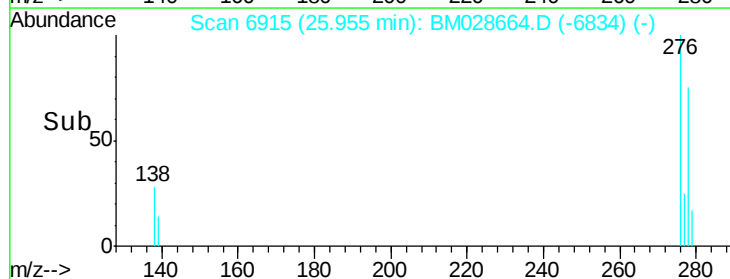
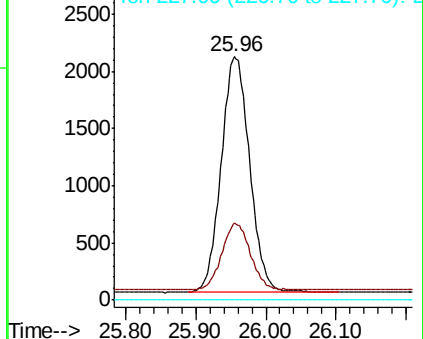
227 0.0 0.0 0.0

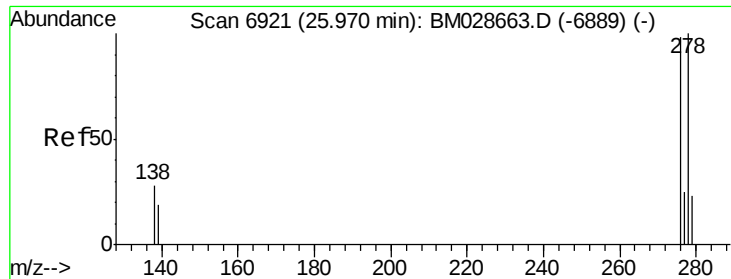


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

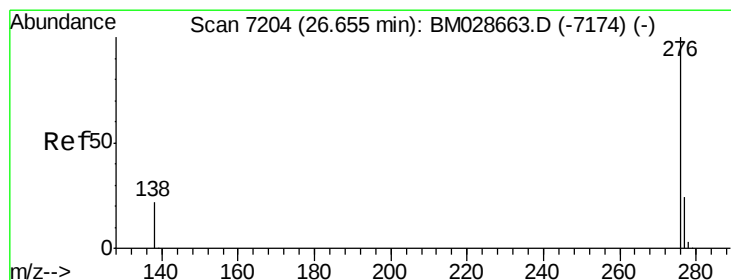
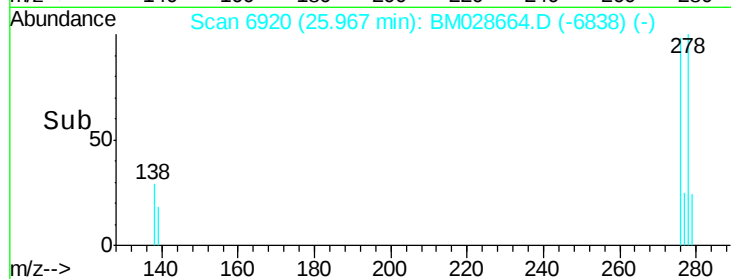
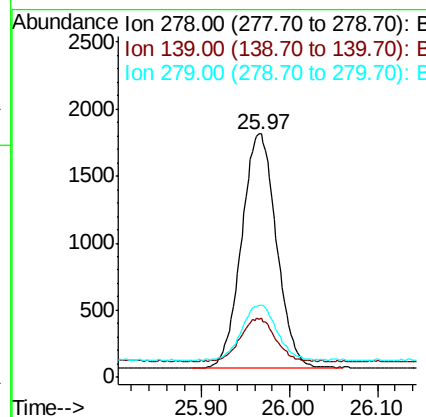
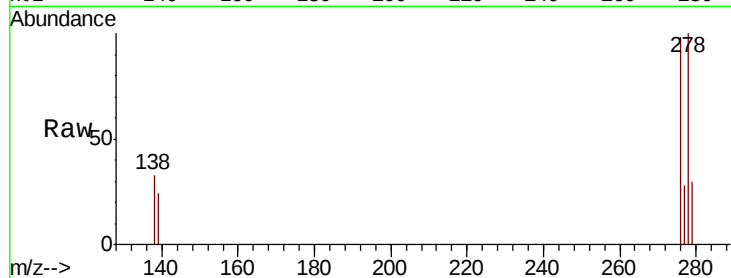




#25
Dibenzo(a,h)anthracene
Concen: 0.757 ng/ul
RT: 25.97 min Scan# 6920
Delta R.T. -0.00 min
Lab File: BM028664.D
Acq: 05 Feb 2021 15:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 4802
Ion Ratio Lower Upper
278 100
139 24.3 24.9 37.3#
279 29.7 28.3 42.5



#26
Benzo(g,h,i)perylene
Concen: 0.759 ng/ul
RT: 26.65 min Scan# 7203
Delta R.T. -0.00 min
Lab File: BM028664.D
Acq: 05 Feb 2021 15:03

Tgt Ion:276 Resp: 4852
Ion Ratio Lower Upper
276 100
138 28.2 25.4 38.2
277 27.6 25.3 37.9

