

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110920\
 Data File : BM027755.D
 Acq On : 09 Nov 2020 13:41
 Operator : JU/CG
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV82

Quant Time: Nov 10 06:34:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM02.4-EPA-SIM-BM110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 06:30:49 2020
 Response via : Initial Calibration

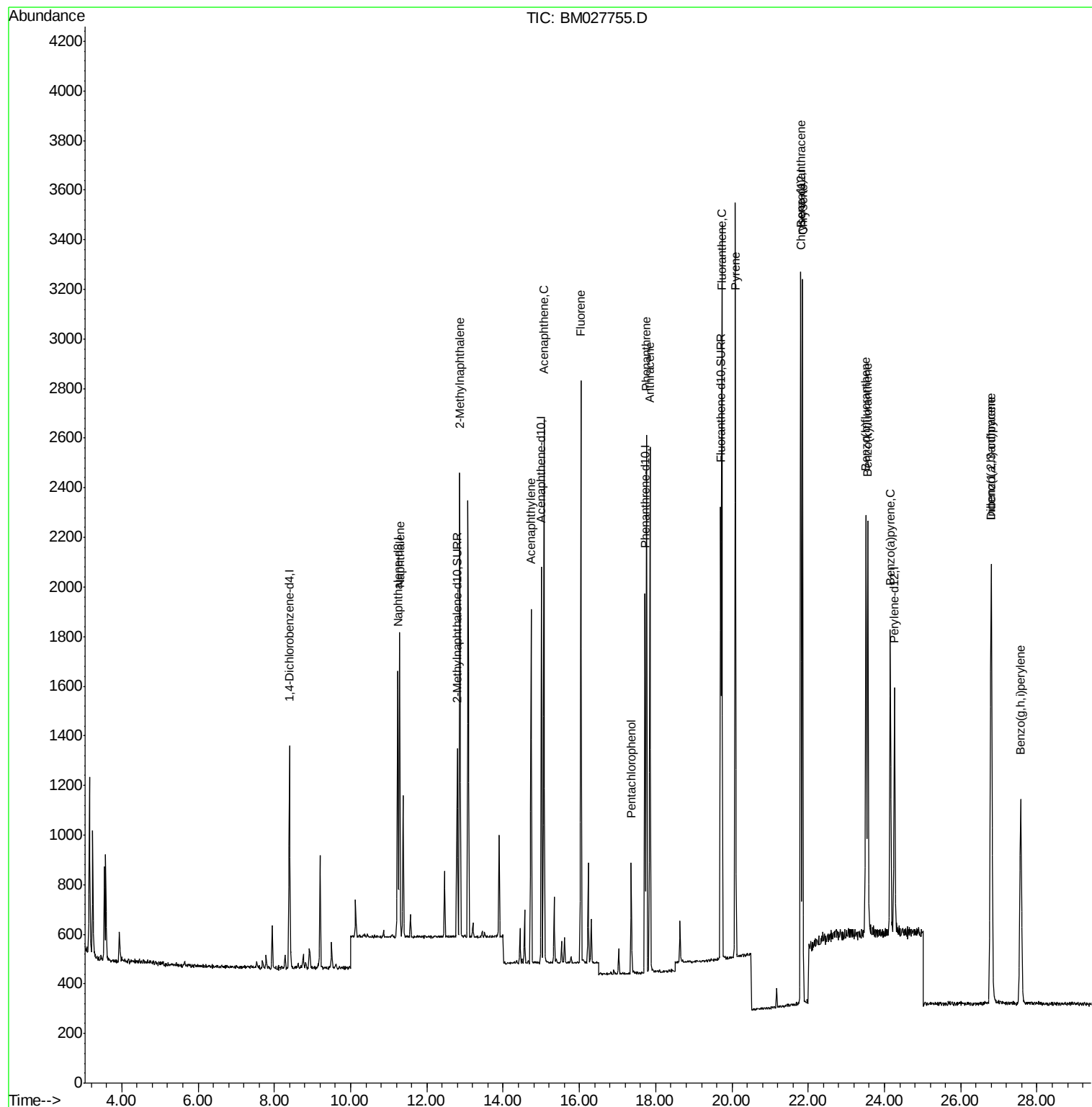
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	432	0.40	ng/ul	0.00
2) Naphthalene-d8	11.23	136	1419	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	876	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.72	188	1900	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	1600	0.40	ng/ul	0.00
20) Perylene-d12	24.26	264	1371	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	954	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	2080	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.28	128	1704	0.376	ng/ul#	80
5) 2-Methylnaphthalene	12.87	142	1191	0.381	ng/ul	98
7) Acenaphthylene	14.73	152	1627	0.373	ng/ul#	84
8) Acenaphthene	15.07	153	1232	0.373	ng/ul	92
9) Fluorene	16.04	166	1477	0.378	ng/ul#	95
11) Pentachlorophenol	17.36	266	278	0.360	ng/ul	93
12) Phenanthrene	17.76	178	2297	0.373	ng/ul#	89
13) Anthracene	17.85	178	2221	0.373	ng/ul#	88
15) Fluoranthene	19.73	202	2639	0.376	ng/ul	85
17) Pyrene	20.09	202	2622	0.375	ng/ul#	85
18) Benzo(a)anthracene	21.80	228	2397	0.378	ng/ul#	88
19) Chrysene	21.85	228	2446	0.378	ng/ul#	88
21) Benzo(b)fluoranthene	23.51	252	2381	0.395	ng/ul	76
22) Benzo(k)fluoranthene	23.56	252	2281	0.380	ng/ul#	76
23) Benzo(a)pyrene	24.15	252	1965	0.370	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	26.79	276	2330	0.370	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.81	278	1962	0.374	ng/ul#	68
26) Benzo(g,h,i)perylene	27.57	276	1993	0.367	ng/ul#	77

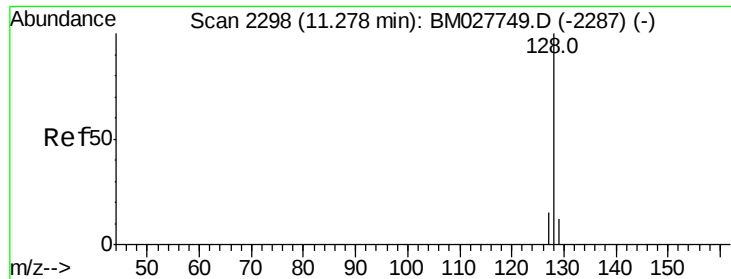
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.376 ng/ul

RT: 11.28 min Scan# 2299

Delta R.T. 0.00 min

Lab File: BM027755.D

Acq: 09 Nov 2020 13:41

Instrument :

BNA_M

ClientSampleId :

SICV82

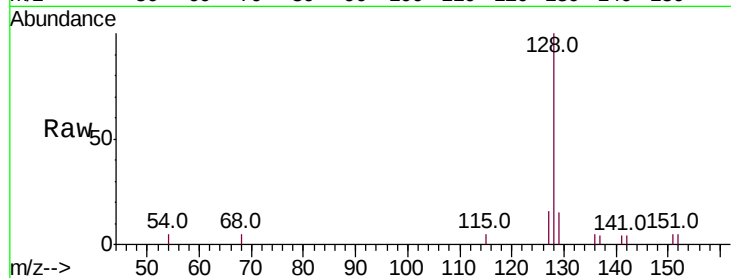
Tot Ion:128 Resp: 1704

Ion Ratio Lower Upper

128 100

129 14.8 19.5 29.3#

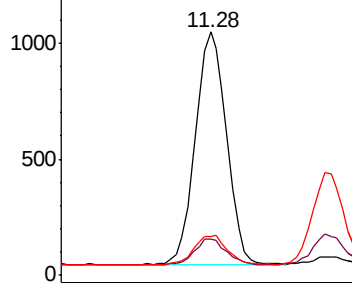
127 16.2 21.2 31.8#



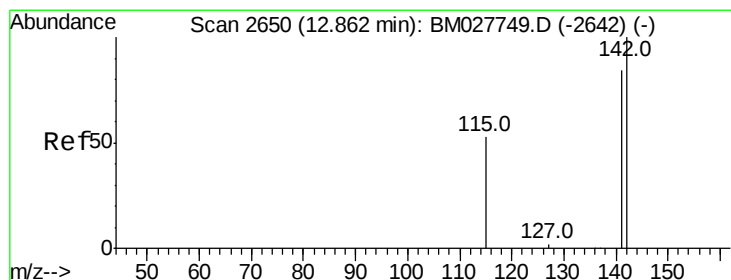
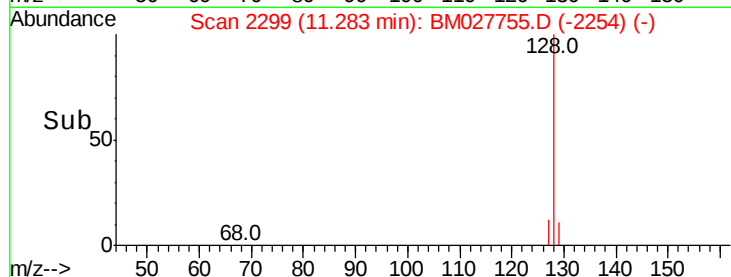
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.381 ng/ul

RT: 12.87 min Scan# 2651

Delta R.T. 0.00 min

Lab File: BM027755.D

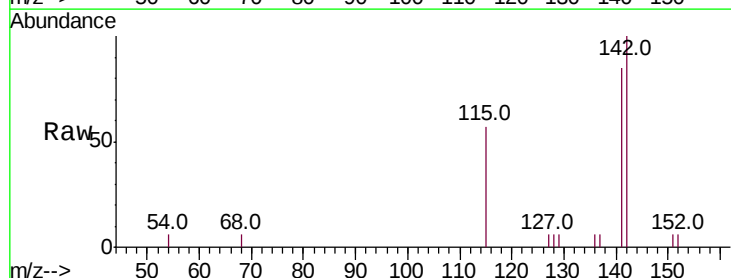
Acq: 09 Nov 2020 13:41

Tgt Ion:142 Resp: 1191

Ion Ratio Lower Upper

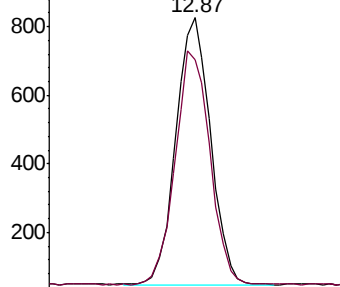
142 100

141 87.9 68.6 103.0

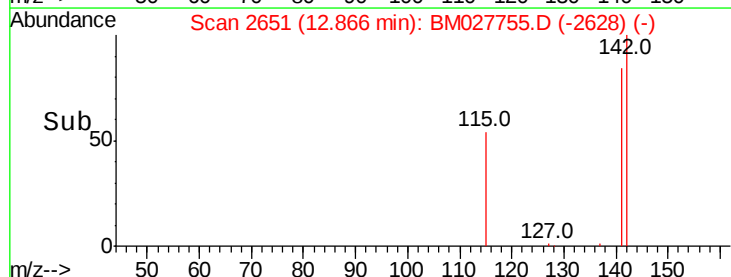


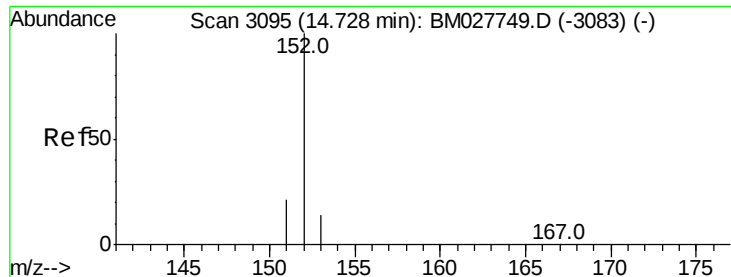
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.373 ng/ul

RT: 14.73 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM027755.D

Acq: 09 Nov 2020 13:41

Instrument :

BNA_M

ClientSampleId :

SICV82

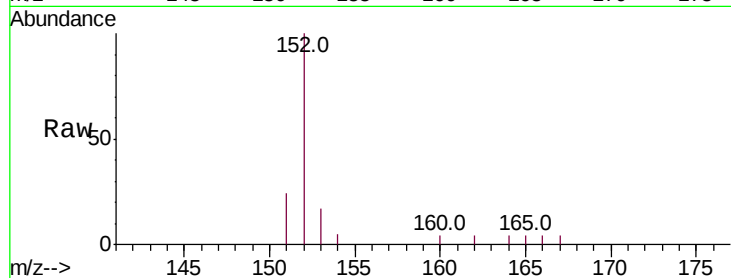
Tot Ion:152 Resp: 1627

Ion Ratio Lower Upper

152 100

151 24.1 25.9 38.9#

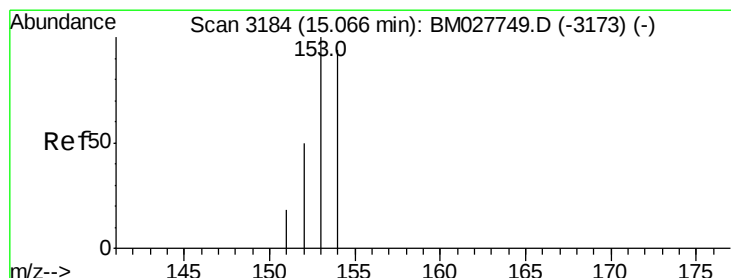
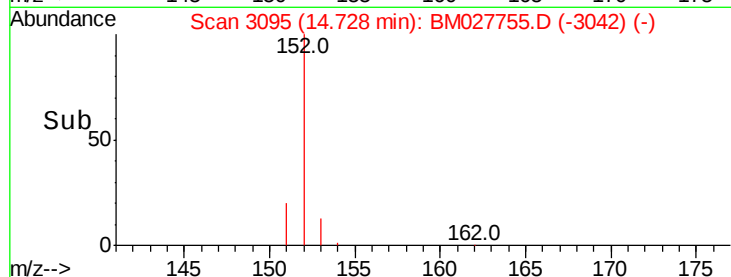
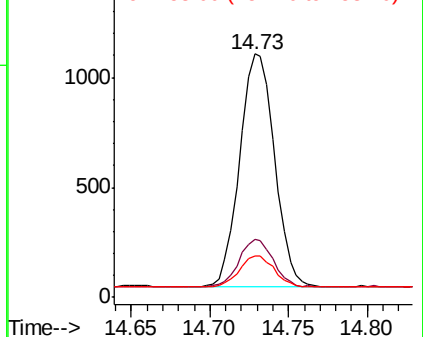
153 16.9 21.1 31.7#



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: 0.373 ng/ul

RT: 15.07 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BM027755.D

Acq: 09 Nov 2020 13:41

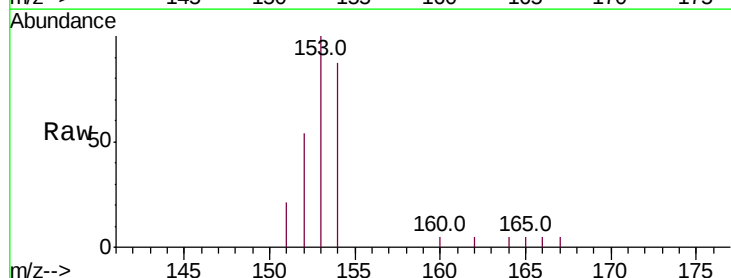
Tgt Ion:153 Resp: 1232

Ion Ratio Lower Upper

153 100

152 53.7 46.7 70.1

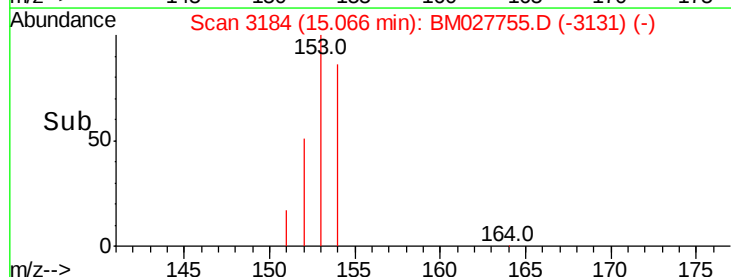
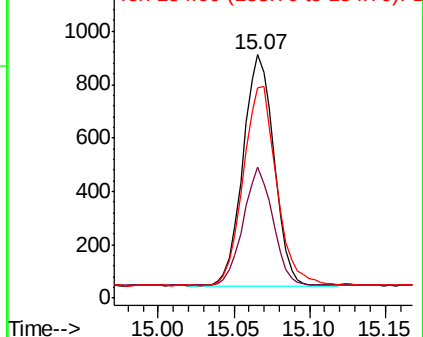
154 86.5 76.6 114.8

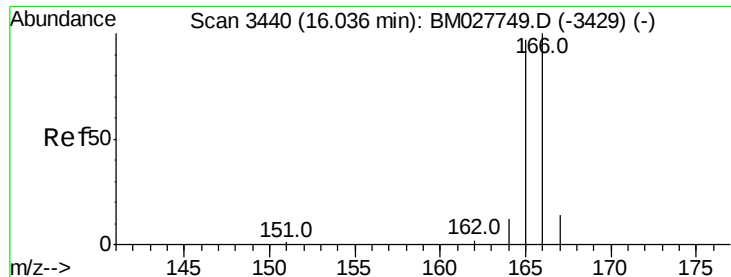


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.378 ng/ul

RT: 16.04 min Scan# 3440

Delta R.T. 0.00 min

Lab File: BM027755.D

Acq: 09 Nov 2020 13:41

Instrument :

BNA_M

ClientSampleId :

SICV82

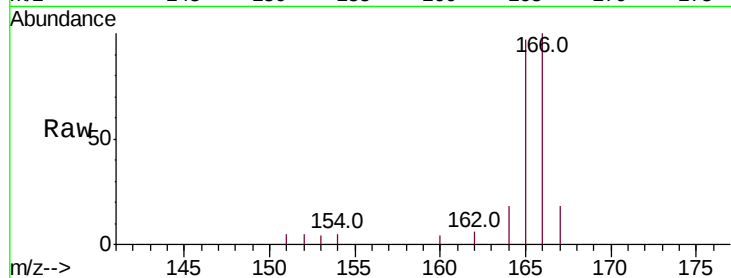
Tot Ion:166 Resp: 1477

Ion Ratio Lower Upper

166 100

165 96.8 78.8 118.2

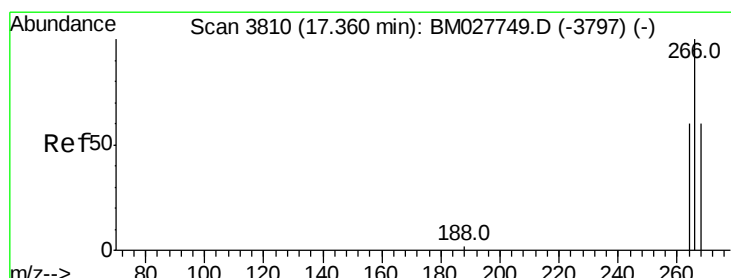
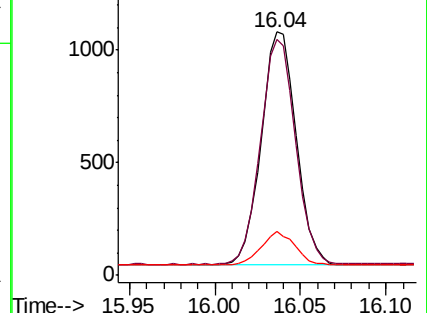
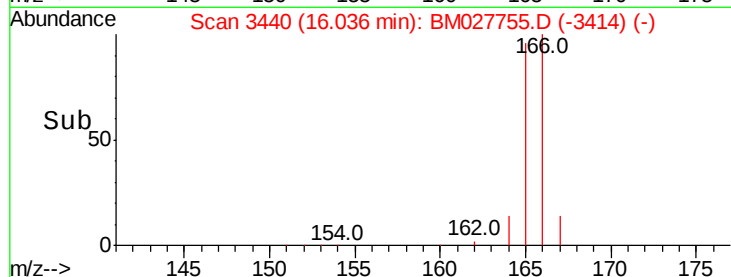
167 17.9 21.1 31.7#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.360 ng/ul

RT: 17.36 min Scan# 3810

Delta R.T. 0.00 min

Lab File: BM027755.D

Acq: 09 Nov 2020 13:41

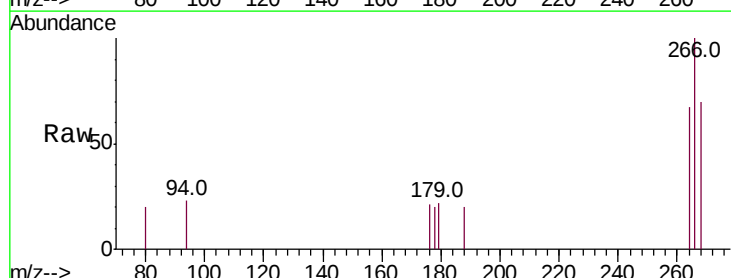
Tgt Ion:266 Resp: 278

Ion Ratio Lower Upper

266 100

264 65.1 53.0 79.4

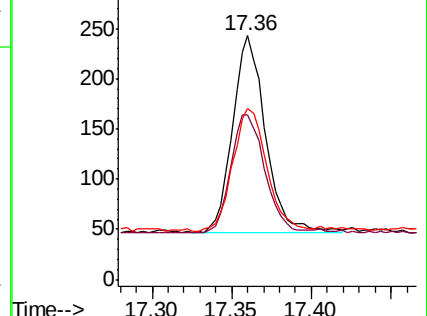
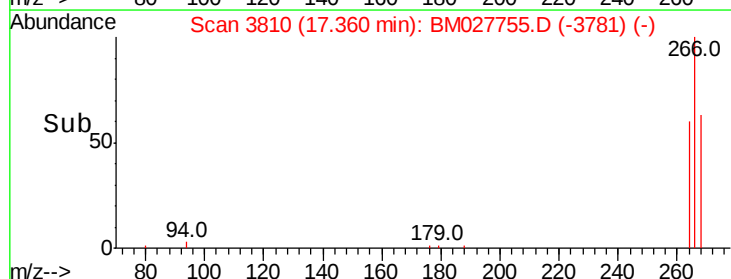
268 65.8 61.2 91.8

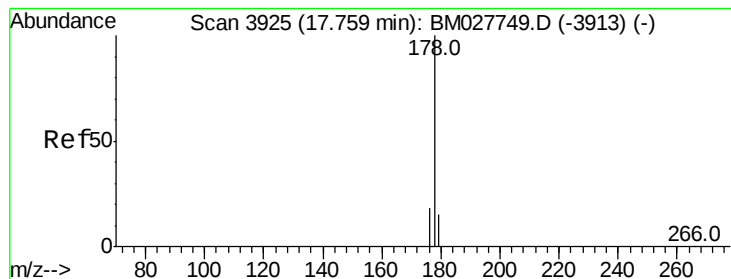


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.373 ng/ul

RT: 17.76 min Scan# 3925

Delta R.T. 0.00 min

Lab File: BM027755.D

Acq: 09 Nov 2020 13:41

Instrument :

BNA_M

ClientSampleId :

SICV82

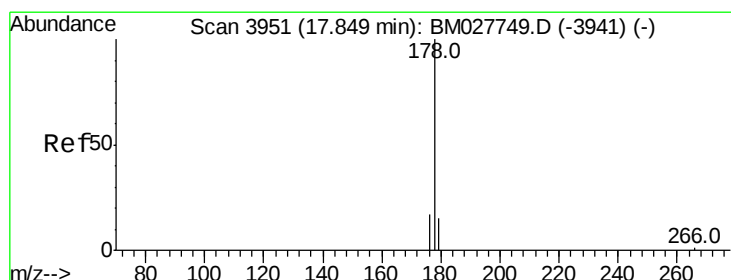
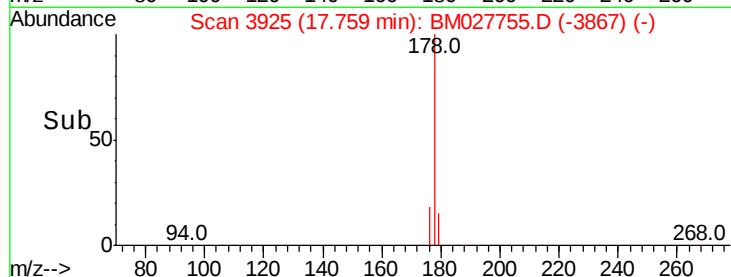
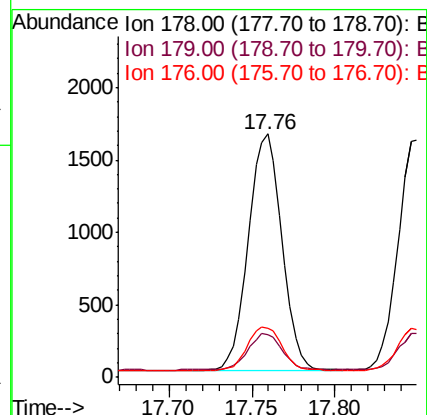
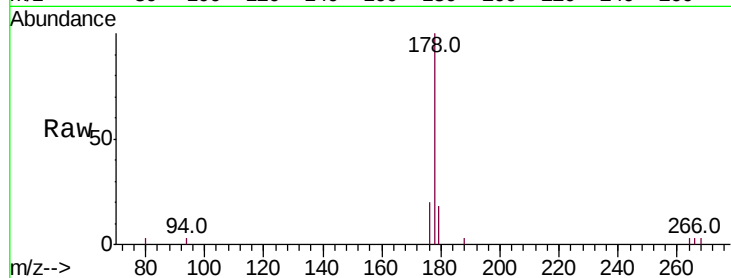
Tot Ion:178 Resp: 2297

Ion Ratio Lower Upper

178 100

179 17.7 18.8 28.2#

176 20.2 20.6 30.8#



#13

Anthracene

Concen: 0.373 ng/ul

RT: 17.85 min Scan# 3951

Delta R.T. 0.00 min

Lab File: BM027755.D

Acq: 09 Nov 2020 13:41

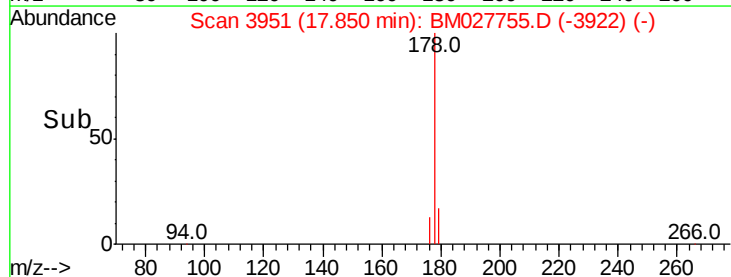
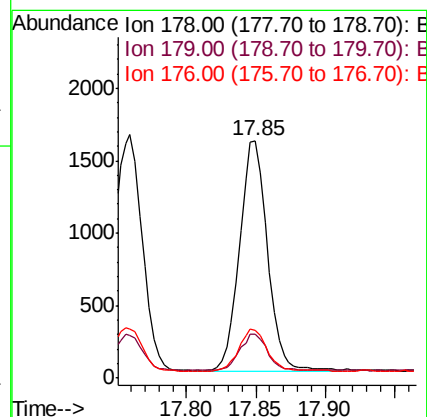
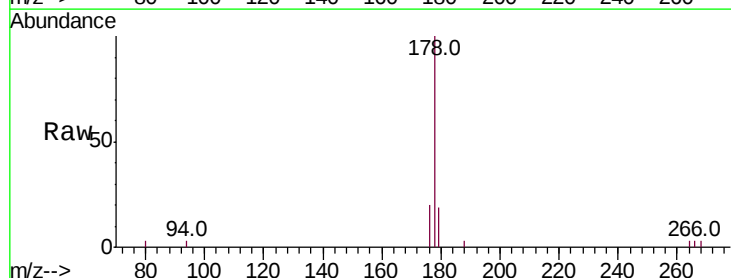
Tgt Ion:178 Resp: 2221

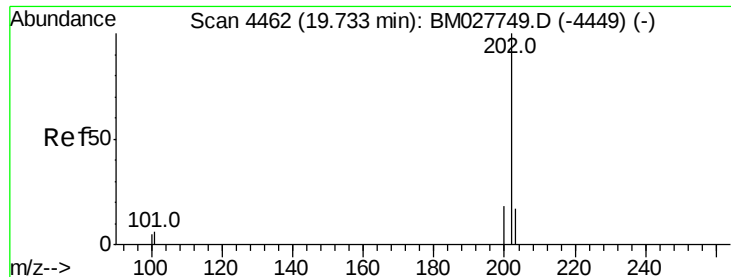
Ion Ratio Lower Upper

178 100

179 18.7 20.1 30.1#

176 20.0 20.8 31.2#

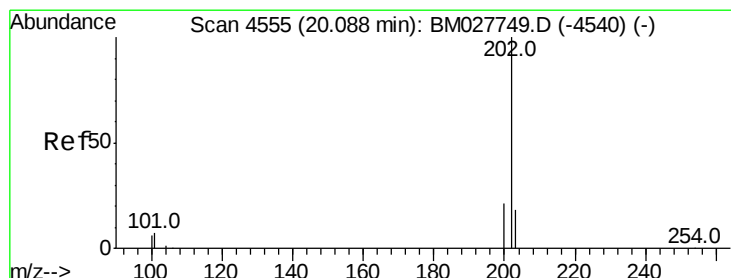
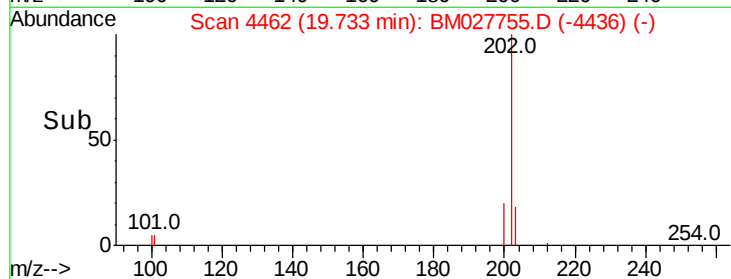
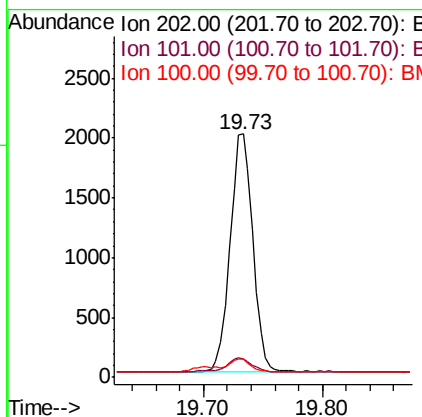
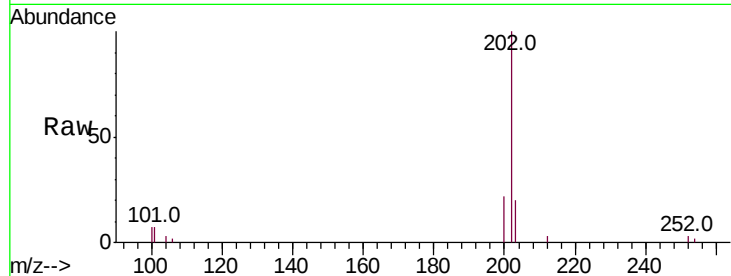




#15
Fluoranthene
 Concen: 0.376 ng/ul
 RT: 19.73 min Scan# 4462
 Delta R.T. 0.00 min
 Lab File: BM027755.D
 Acq: 09 Nov 2020 13:41

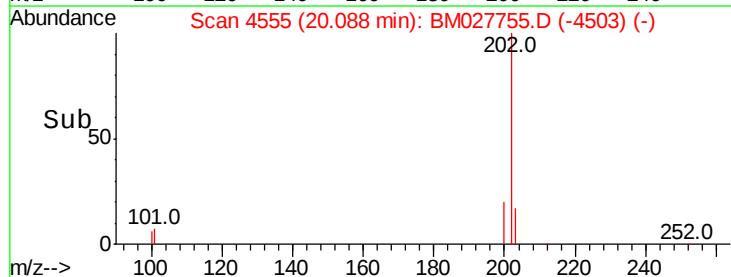
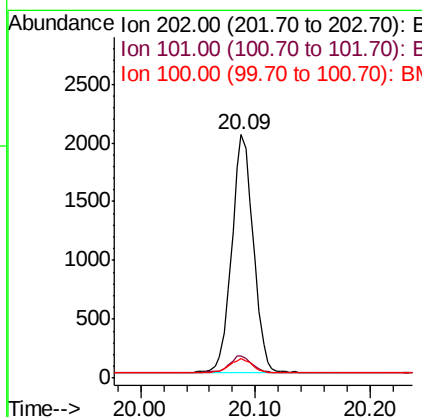
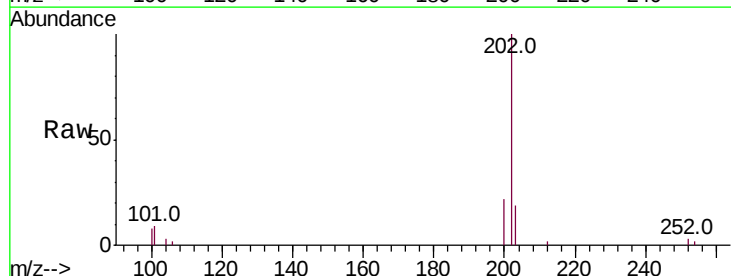
Instrument :
 BNA_M
 ClientSampleId :
 SICV82

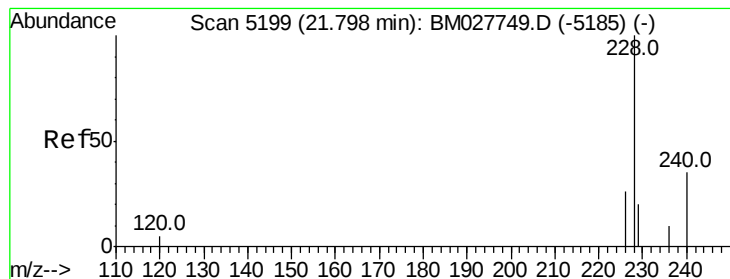
Tot Ion:	202	Resp:	2639
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	33.8
100	7.5	0.0	33.1



#17
Pyrene
 Concen: 0.375 ng/ul
 RT: 20.09 min Scan# 4555
 Delta R.T. 0.00 min
 Lab File: BM027755.D
 Acq: 09 Nov 2020 13:41

Tgt Ion:	202	Resp:	2622
Ion	Ratio	Lower	Upper
202	100		
101	9.0	12.2	18.4#
100	8.0	10.9	16.3#





#18

Benzo(a)anthracene

Concen: 0.378 ng/ul

RT: 21.80 min Scan# 5199

Delta R.T. 0.00 min

Lab File: BM027755.D

Acq: 09 Nov 2020 13:41

Instrument :

BNA_M

ClientSampleId :

SICV82

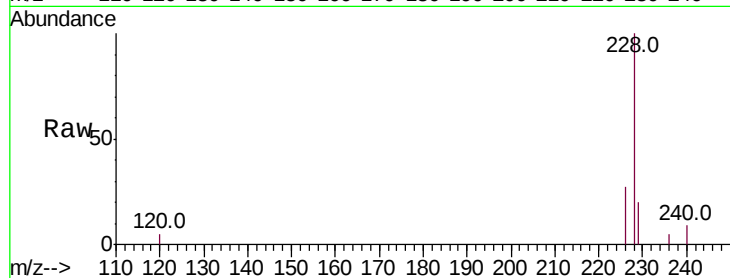
Tot Ion:228 Resp: 2397

Ion Ratio Lower Upper

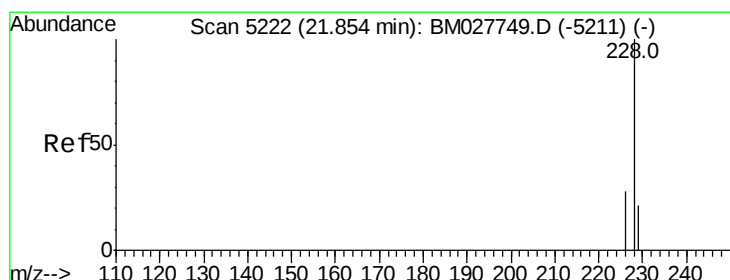
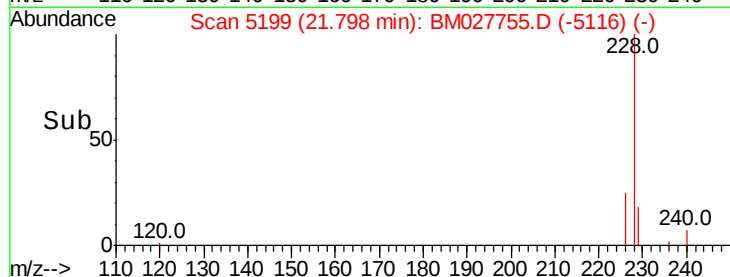
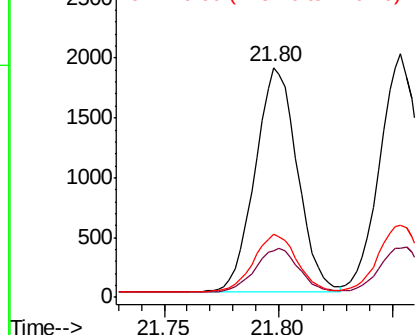
228 100

229 20.2 22.2 33.4#

226 27.4 26.6 39.8



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: 0.378 ng/ul

RT: 21.85 min Scan# 5222

Delta R.T. 0.00 min

Lab File: BM027755.D

Acq: 09 Nov 2020 13:41

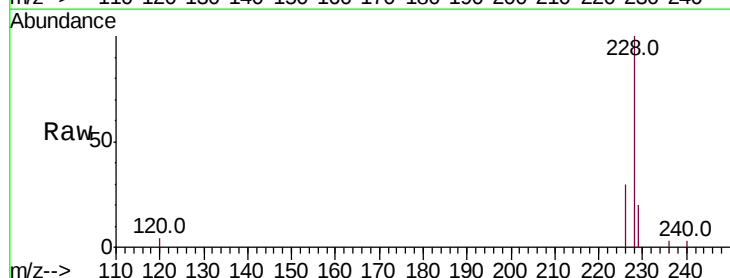
Tgt Ion:228 Resp: 2446

Ion Ratio Lower Upper

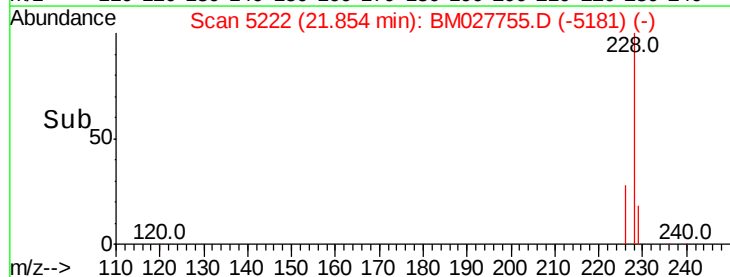
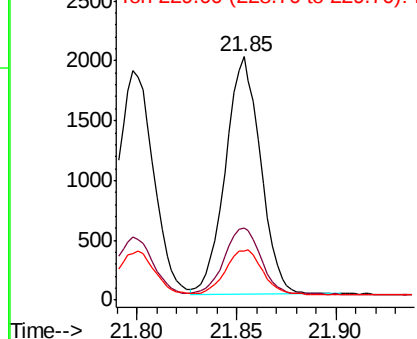
228 100

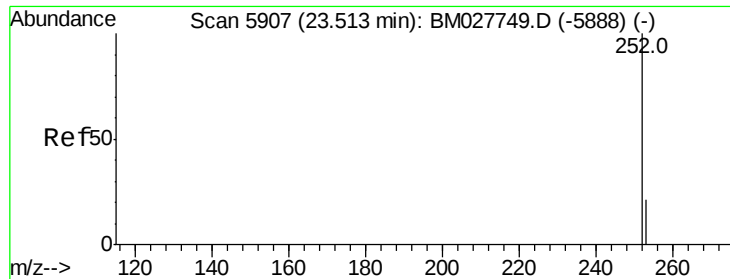
226 29.8 28.1 42.1

229 20.1 22.6 34.0#



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: 0.395 ng/ul

RT: 23.51 min Scan# 5907

Delta R.T. 0.00 min

Lab File: BM027755.D

Acq: 09 Nov 2020 13:41

Instrument :

BNA_M

ClientSampleId :

SICV82

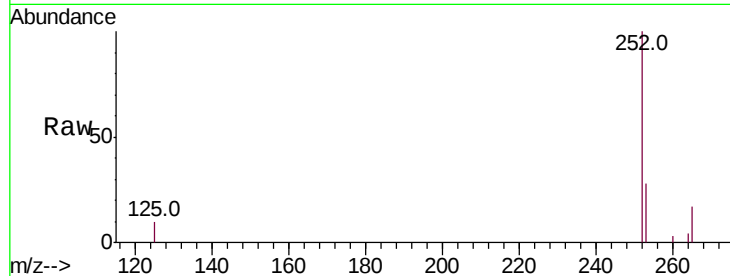
Tot Ion:252 Resp: 2381

Ion Ratio Lower Upper

252 100

253 27.7 0.0 84.6

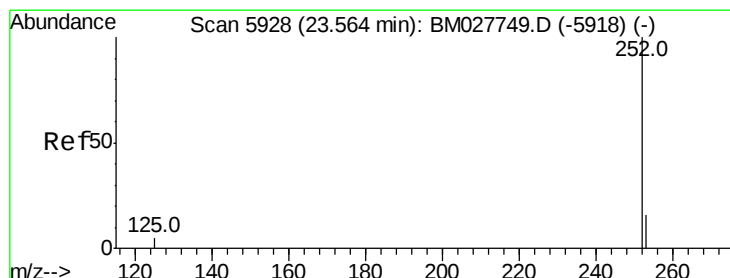
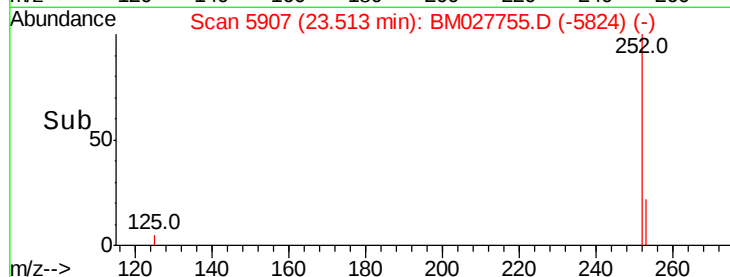
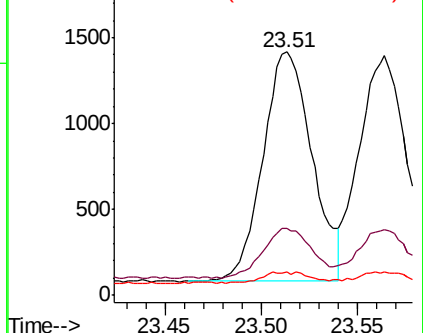
125 9.5 0.0 43.8



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: 0.380 ng/ul

RT: 23.56 min Scan# 5928

Delta R.T. 0.00 min

Lab File: BM027755.D

Acq: 09 Nov 2020 13:41

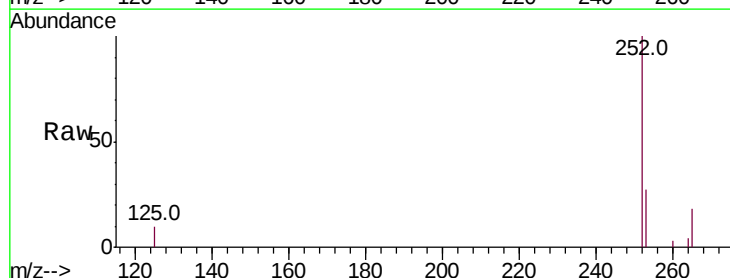
Tgt Ion:252 Resp: 2281

Ion Ratio Lower Upper

252 100

253 27.4 32.6 48.8#

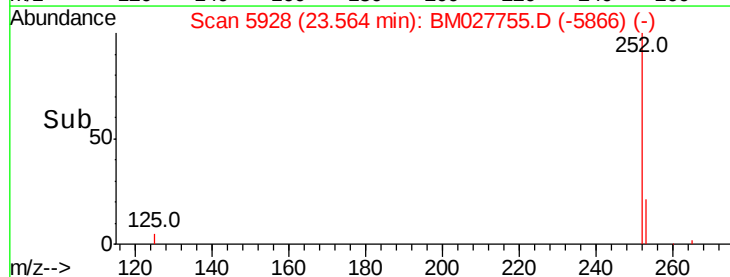
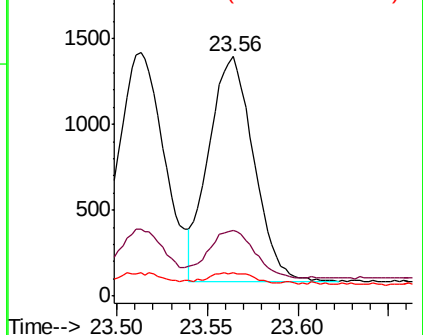
125 9.8 19.3 28.9#

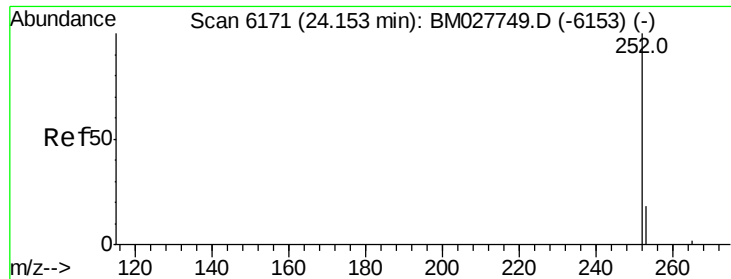


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.370 ng/ul

RT: 24.15 min Scan# 6171

Delta R.T. 0.00 min

Lab File: BM027755.D

Acq: 09 Nov 2020 13:41

Instrument :

BNA_M

ClientSampleId :

SICV82

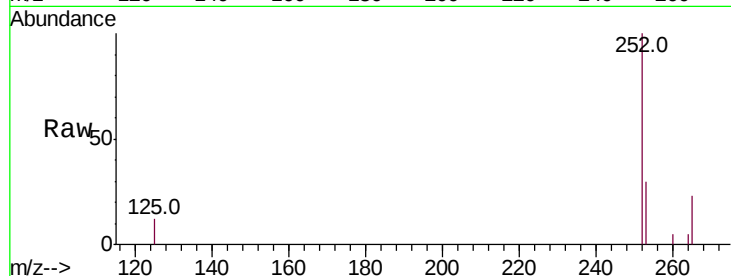
Tot Ion:252 Resp: 1965

Ion Ratio Lower Upper

252 100

253 29.9 37.4 56.2#

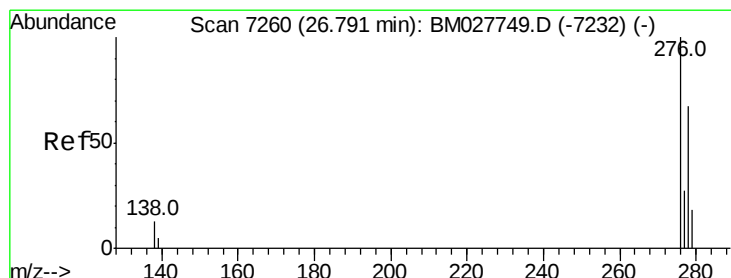
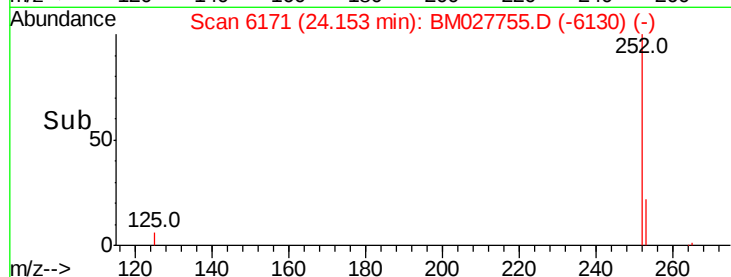
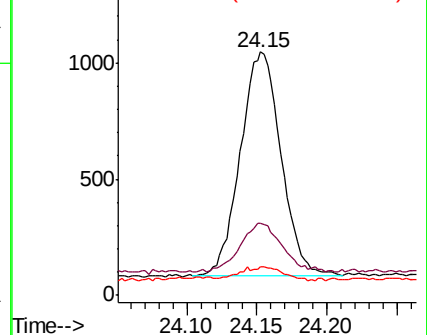
125 11.9 21.3 31.9#



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: 0.370 ng/ul

RT: 26.79 min Scan# 7260

Delta R.T. 0.00 min

Lab File: BM027755.D

Acq: 09 Nov 2020 13:41

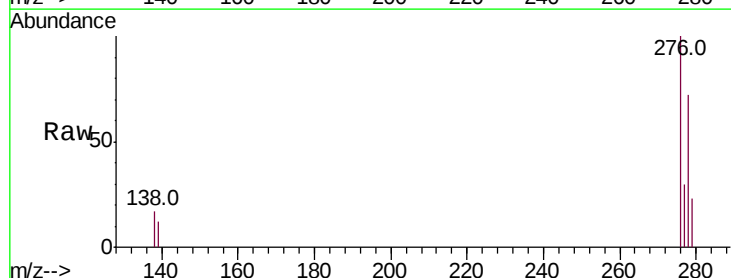
Tgt Ion:276 Resp: 2330

Ion Ratio Lower Upper

276 100

138 13.3 8.9 13.3

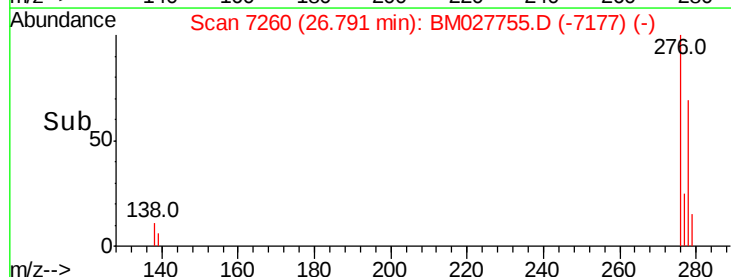
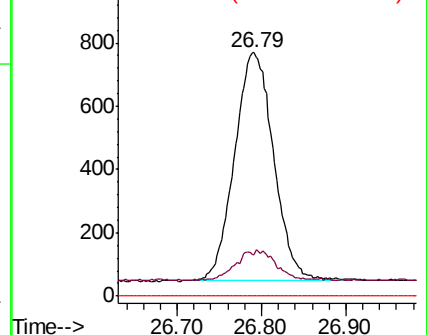
227 0.0 0.0 0.0

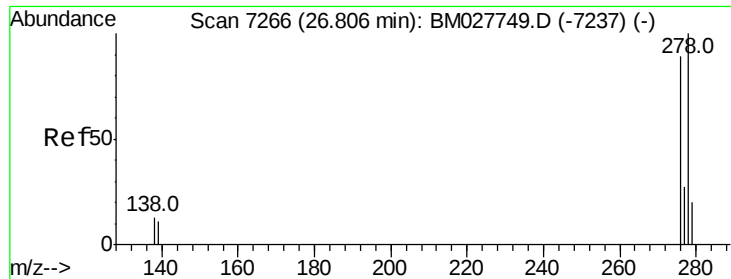


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



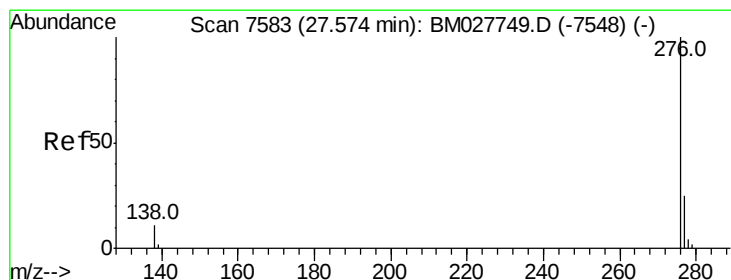
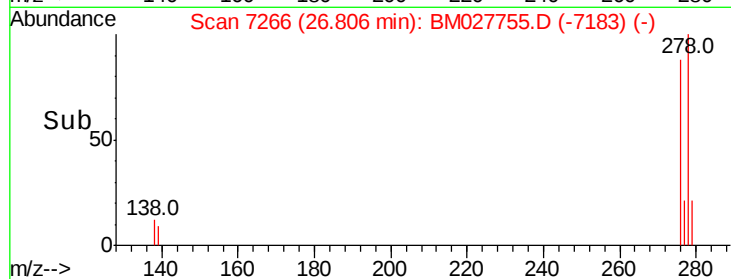
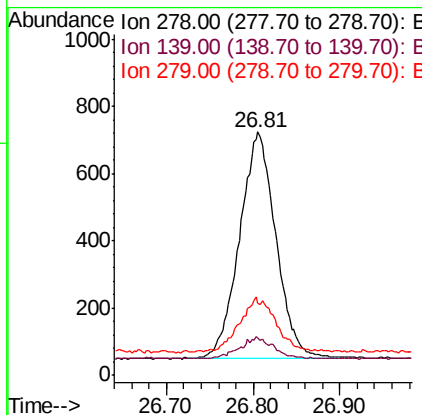
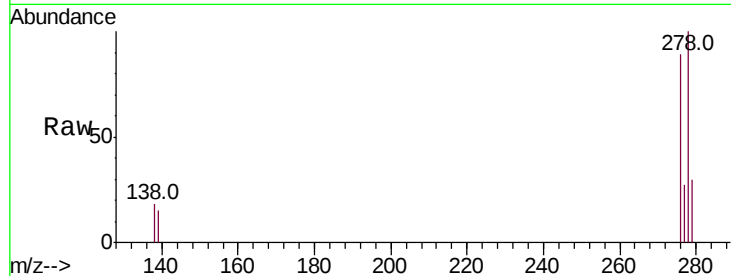


#25
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 26.81 min Scan# 7266
Delta R.T. 0.00 min
Lab File: BM027755.D
Acq: 09 Nov 2020 13:41

Instrument :
BNA_M
ClientSampleId :
SICV82

Tot Ion:278 Resp: 1962

Ion	Ratio	Lower	Upper
278	100		
139	15.3	27.2	40.8#
279	29.8	41.9	62.9#



#26
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 27.57 min Scan# 7583
Delta R.T. 0.00 min
Lab File: BM027755.D
Acq: 09 Nov 2020 13:41

Tgt Ion:276 Resp: 1993

Ion	Ratio	Lower	Upper
276	100		
138	18.0	26.4	39.6#
277	30.3	35.0	52.4#

