

Data File : BM027980.D
Acq On : 26 Nov 2020 01:03
Operator : JU/CG
Sample : L4749-19DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B18DL

Quant Time: Nov 26 01:34:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 26 00:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1412	0.40	ng/ul	0.00
2) Naphthalene-d8	11.15	136	5727	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	3148	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	5489	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	3150	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	2957	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	195	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	298	0.02	ng/ul	0.00

Target Compounds				Qvalue		
7) Acenaphthylene	14.66	152	356	0.023	ng/ul#	65
8) Acenaphthene	15.00	153	472	0.041	ng/ul	96
9) Fluorene	15.97	166	557	0.042	ng/ul#	95
11) Pentachlorophenol	17.30	266	43	0.023	ng/ul	98
12) Phenanthrene	17.69	178	12706	0.733	ng/ul	98
13) Anthracene	17.78	178	1895	0.113	ng/ul	94
15) Fluoranthene	19.67	202	22132	1.151	ng/ul	98
17) Pyrene	20.03	202	18292	1.143	ng/ul	97
18) Benzo(a)anthracene	21.74	228	7723	0.608	ng/ul	98
19) Chrysene	21.79	228	8946	0.723	ng/ul	97
21) Benzo(b)fluoranthene	23.44	252	13688	1.101	ng/ul	93
22) Benzo(k)fluoranthene	23.44	252	13688	1.125	ng/ul#	94
23) Benzo(a)pyrene	24.06	252	6833	0.629	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	26.66	276	4433	0.377	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.66	278	1172	0.120	ng/ul#	63
26) Benzo(g,h,i)perylene	27.43	276	3973	0.403	ng/ul	97

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

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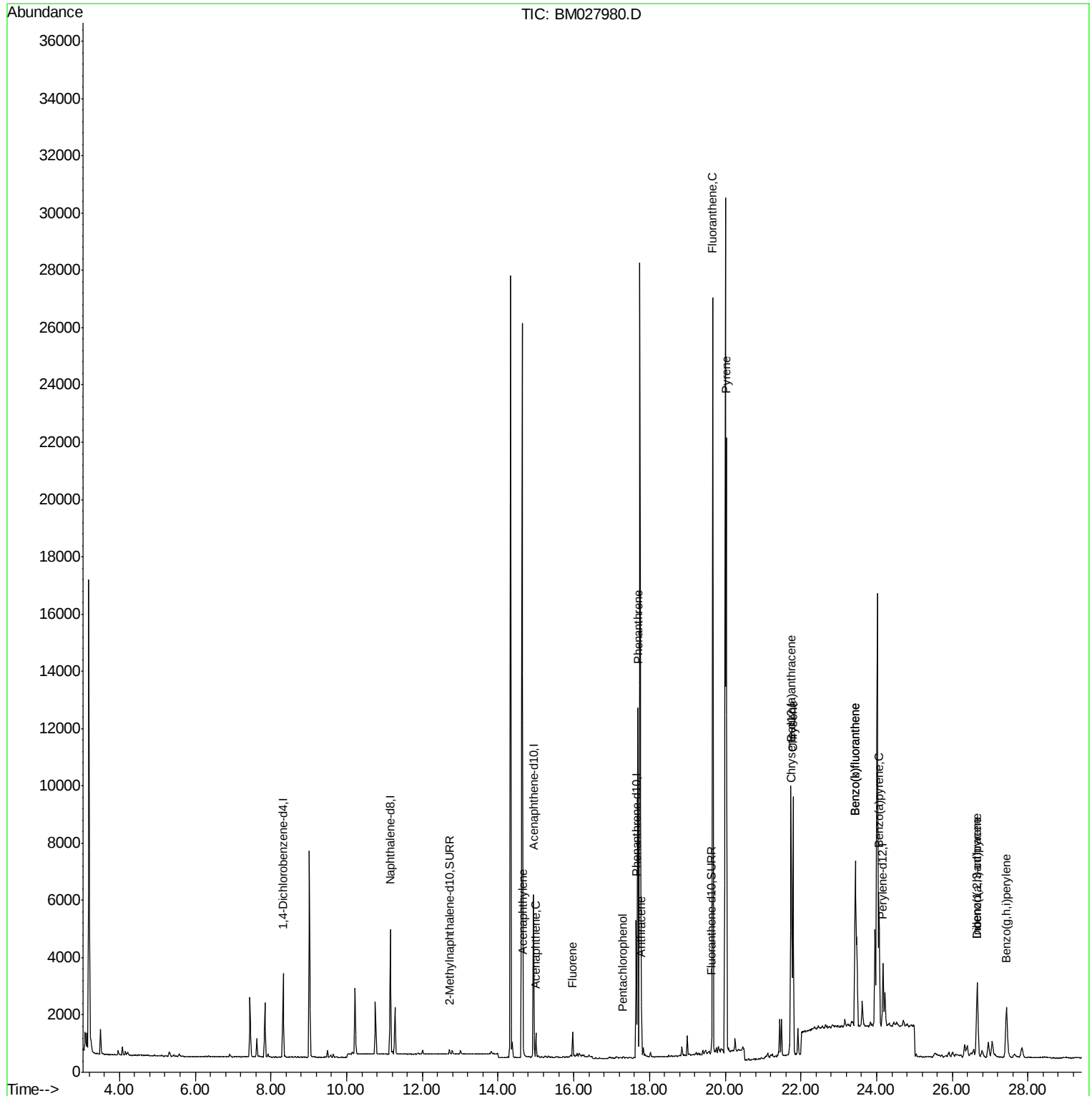
Quant Time: Nov 26 01:34:21 2020

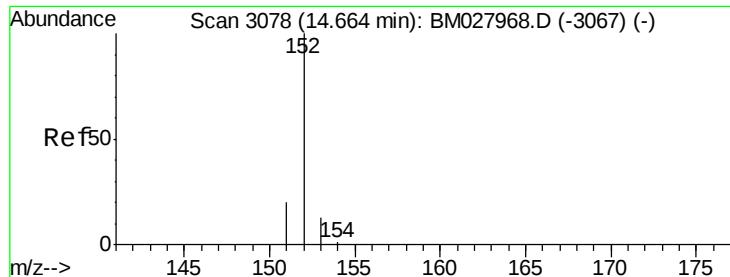
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112020.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 26 00:48:20 2020

Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.66 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BM027980.D

Acq: 26 Nov 2020 01:03

Instrument :

BNA_M

ClientSampleId :

C0B18DL

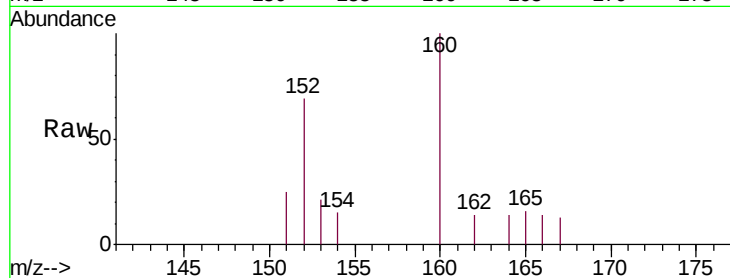
Tgt Ion:152 Resp: 356

Ion Ratio Lower Upper

152 100

151 36.9 17.1 25.7#

153 30.6 12.0 18.0#



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

14.66

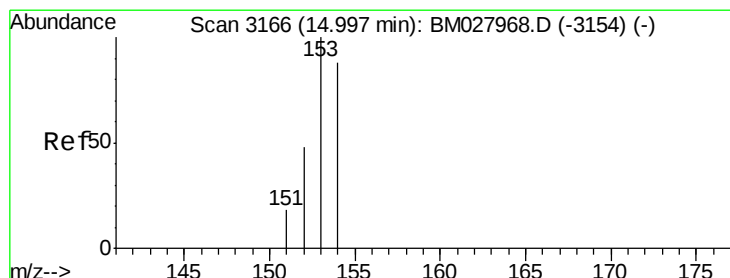
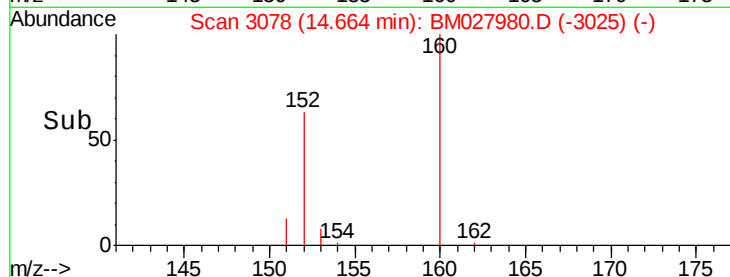
200

100

0

Time-->

14.60 14.70



#8

Acenaphthene

Concen: 0.041 ng/ul

RT: 15.00 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BM027980.D

Acq: 26 Nov 2020 01:03

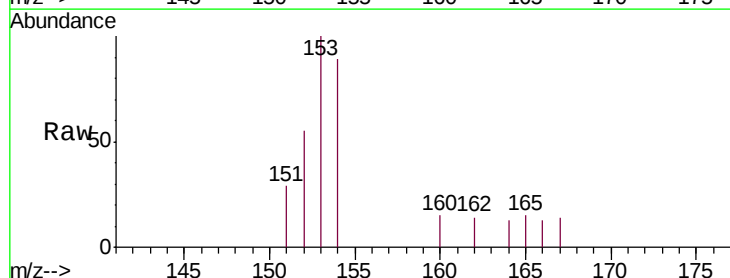
Tgt Ion:153 Resp: 472

Ion Ratio Lower Upper

153 100

152 55.1 39.0 58.6

154 88.8 71.6 107.4



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

15.00

400

300

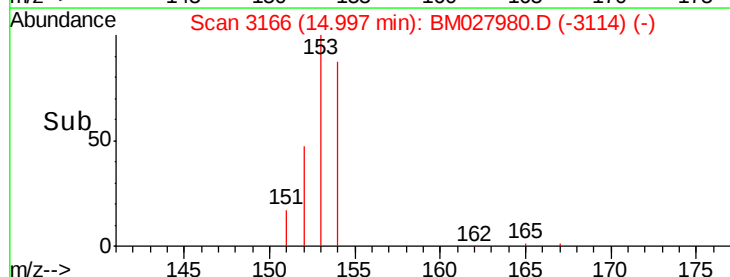
200

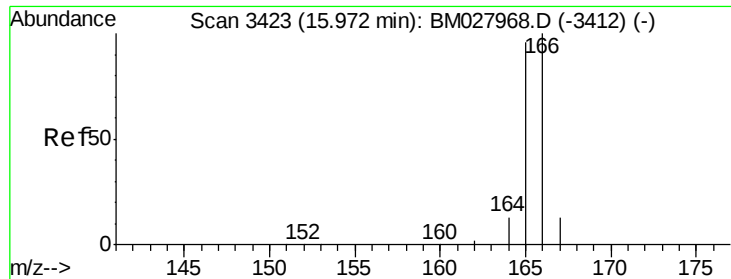
100

0

Time-->

14.95 15.00 15.05





#9

Fluorene

Concen: 0.042 ng/ul

RT: 15.97 min Scan# 3423

Delta R.T. 0.00 min

Lab File: BM027980.D

Acq: 26 Nov 2020 01:03

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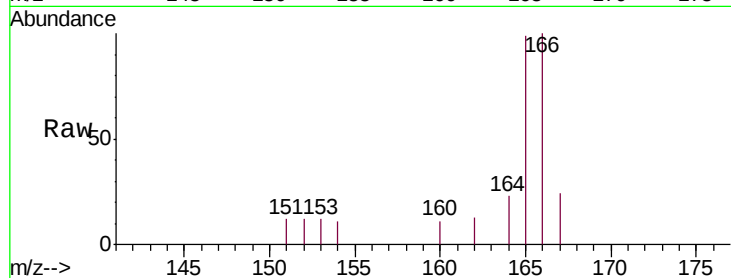
Tgt Ion:166 Resp: 557

Ion Ratio Lower Upper

166 100

165 99.3 78.1 117.1

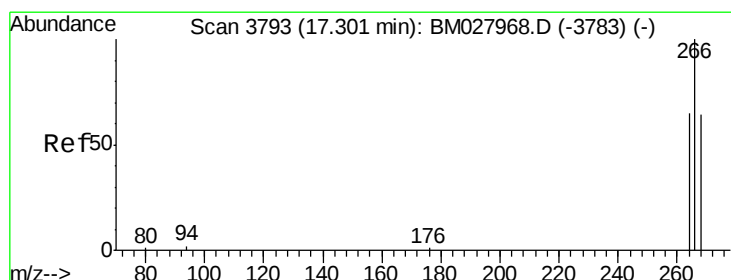
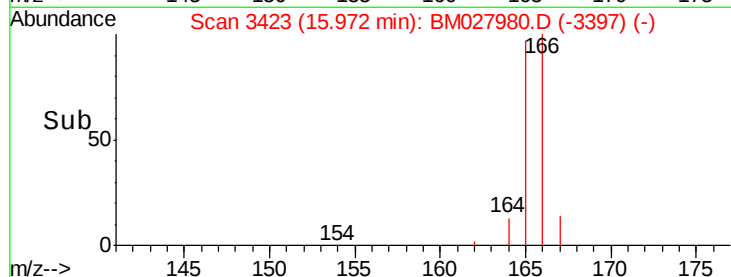
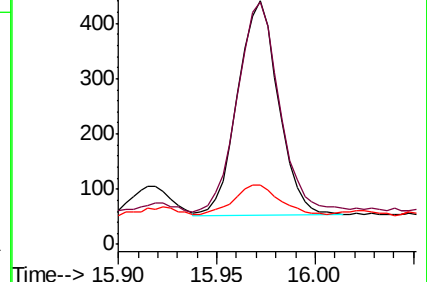
167 24.3 11.8 17.8#



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: 0.023 ng/ul

RT: 17.30 min Scan# 3793

Delta R.T. 0.00 min

Lab File: BM027980.D

Acq: 26 Nov 2020 01:03

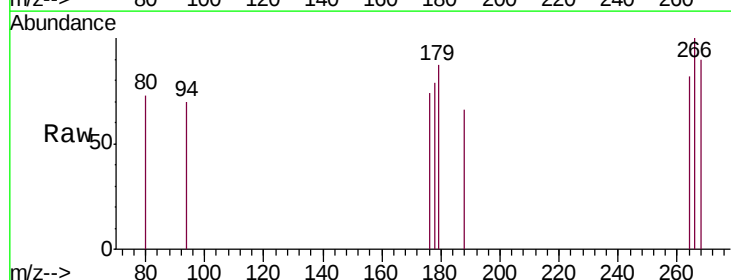
Tgt Ion:266 Resp: 43

Ion Ratio Lower Upper

266 100

264 62.8 49.6 74.4

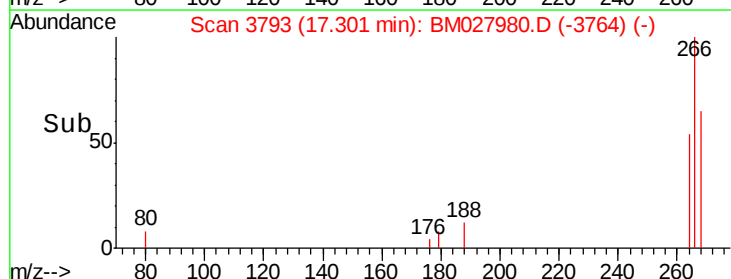
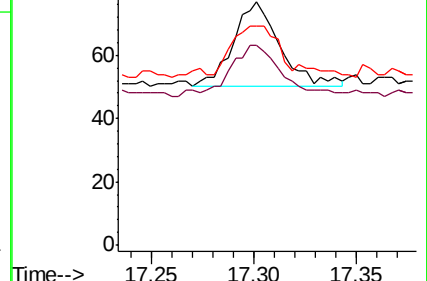
268 67.4 52.1 78.1

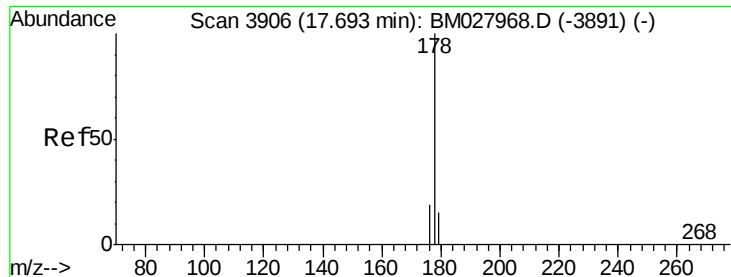


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.733 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. -0.00 min

Lab File: BM027980.D

Acq: 26 Nov 2020 01:03

Instrument :

BNA_M

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C0B18DL

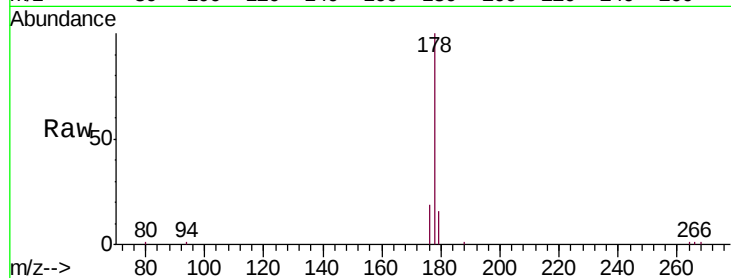
Tgt Ion:178 Resp: 12706

Ion Ratio Lower Upper

178 100

179 15.8 13.6 20.4

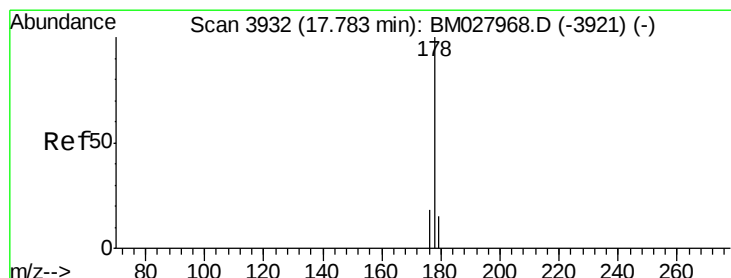
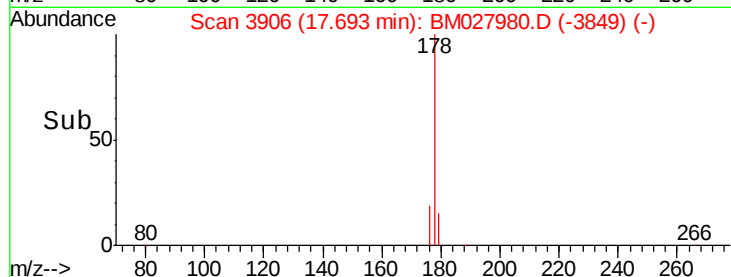
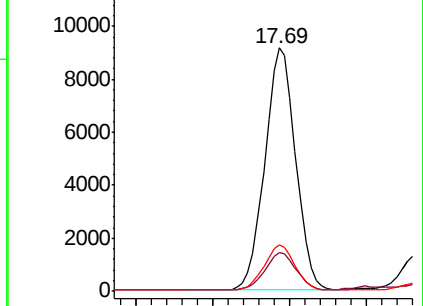
176 19.3 16.1 24.1



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: 0.113 ng/ul

RT: 17.78 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BM027980.D

Acq: 26 Nov 2020 01:03

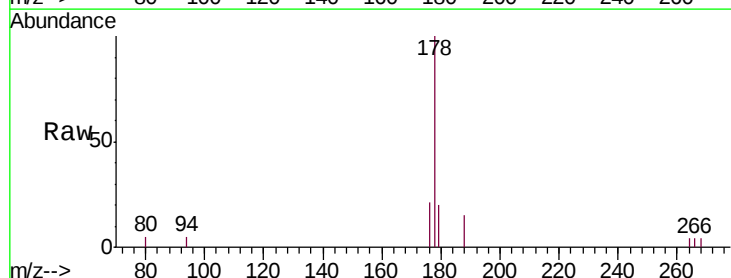
Tgt Ion:178 Resp: 1895

Ion Ratio Lower Upper

178 100

179 19.7 13.4 20.2

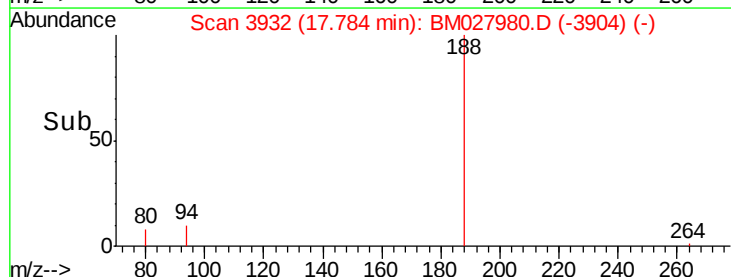
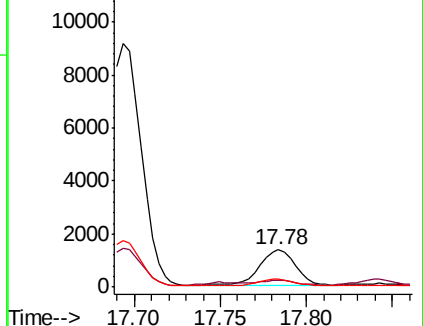
176 21.3 15.0 22.6

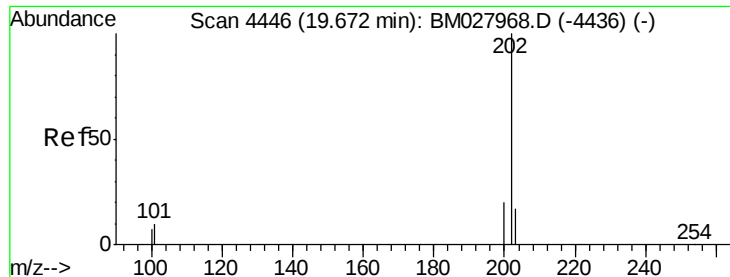


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 1.151 ng/ul

RT: 19.67 min Scan# 4446

Delta R.T. 0.00 min

Lab File: BM027980.D

Acq: 26 Nov 2020 01:03

Instrument :

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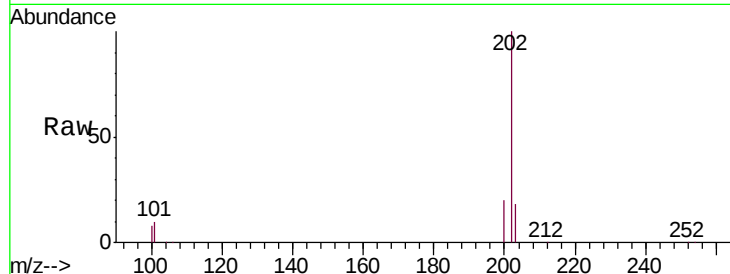
Tgt Ion:202 Resp: 22132

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.3

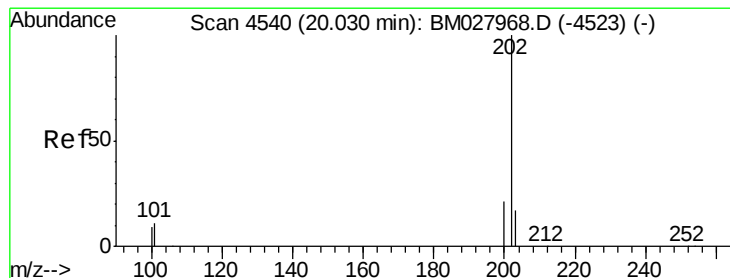
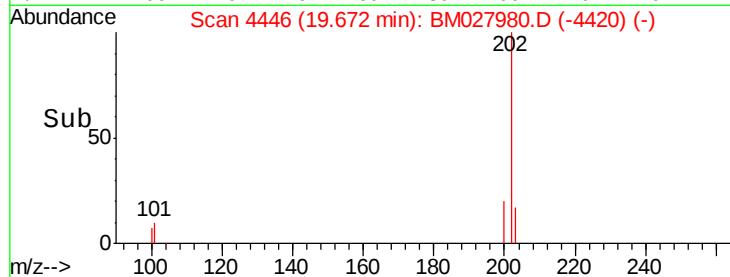
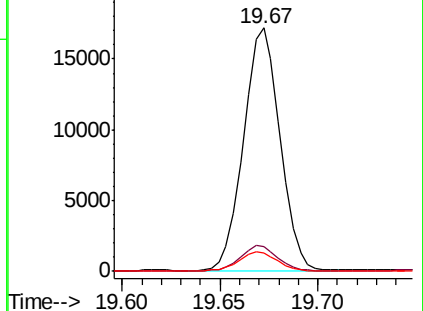
100 7.7 0.0 27.4



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



#17

Pyrene

Concen: 1.143 ng/ul

RT: 20.03 min Scan# 4540

Delta R.T. 0.00 min

Lab File: BM027980.D

Acq: 26 Nov 2020 01:03

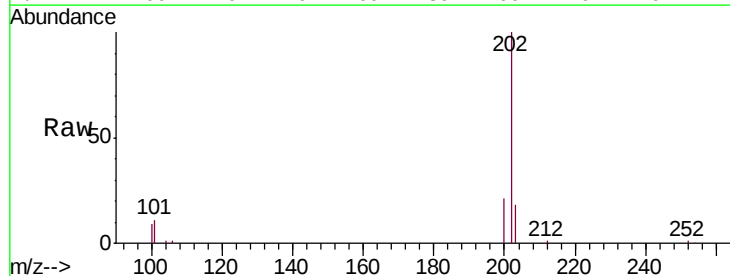
Tgt Ion:202 Resp: 18292

Ion Ratio Lower Upper

202 100

101 11.4 8.2 12.2

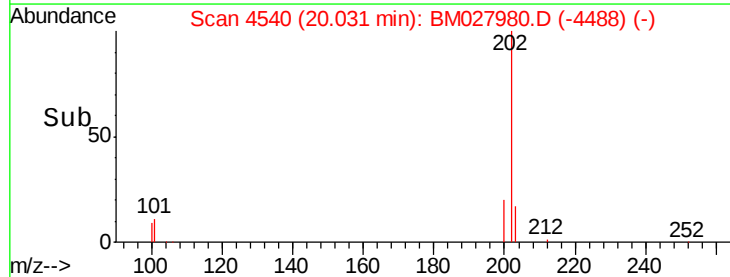
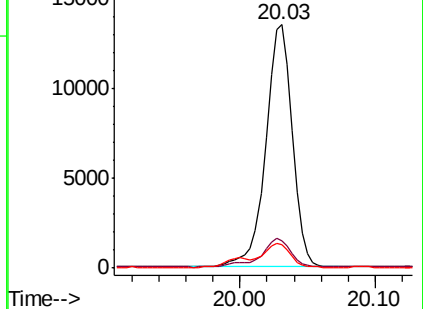
100 9.4 6.9 10.3

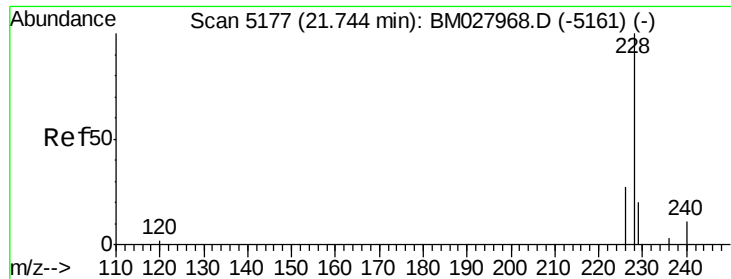


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.608 ng/ul

RT: 21.74 min Scan# 5174

Delta R.T. -0.00 min

Lab File: BM027980.D

Acq: 26 Nov 2020 01:03

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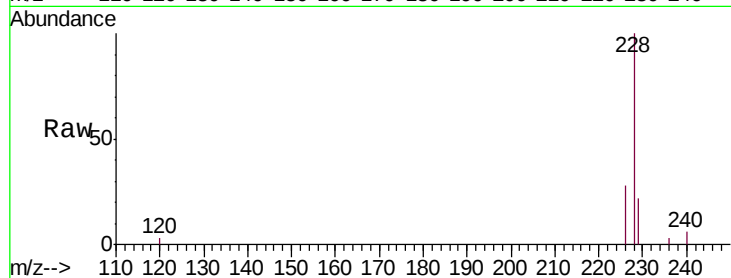
Tgt Ion:228 Resp: 7723

Ion Ratio Lower Upper

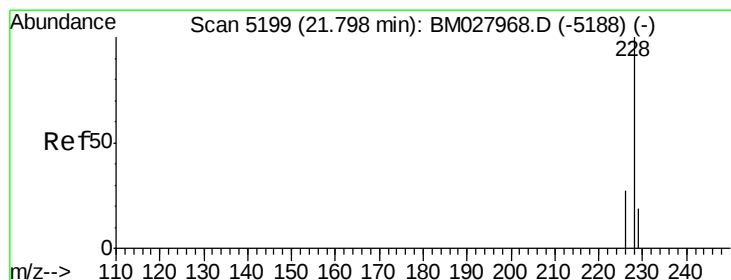
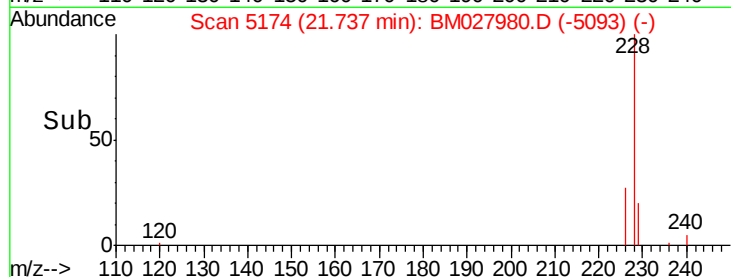
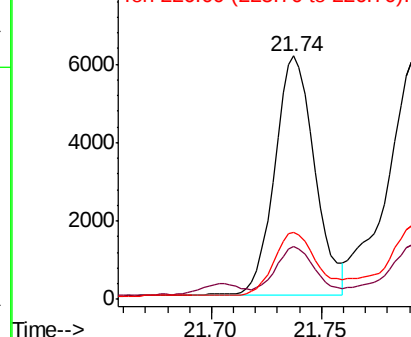
228 100

229 21.6 16.2 24.4

226 27.7 21.5 32.3



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: 0.723 ng/ul

RT: 21.79 min Scan# 5196

Delta R.T. -0.01 min

Lab File: BM027980.D

Acq: 26 Nov 2020 01:03

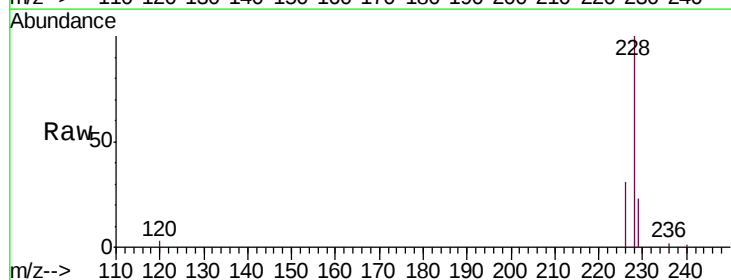
Tgt Ion:228 Resp: 8946

Ion Ratio Lower Upper

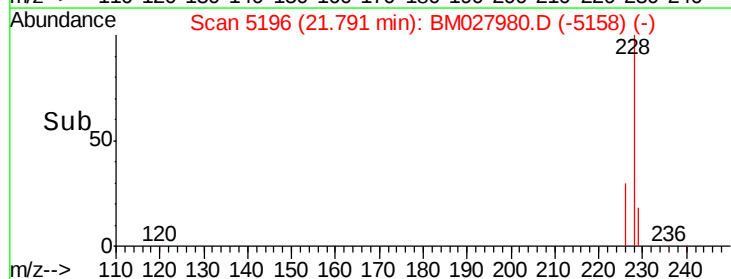
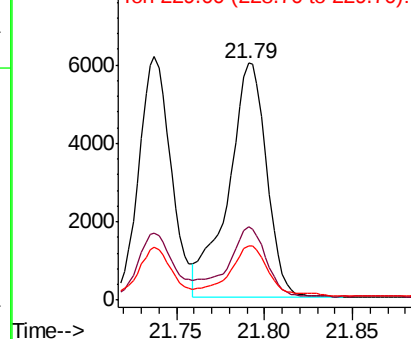
228 100

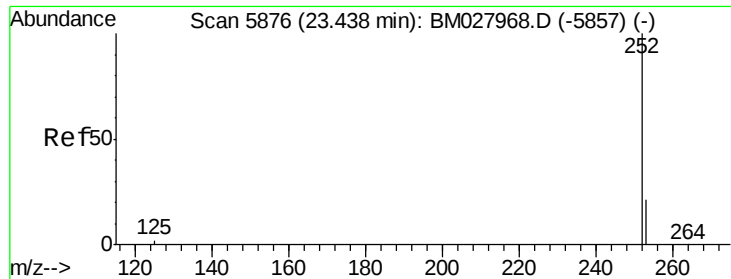
226 30.8 24.1 36.1

229 22.9 16.6 24.8



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: 1.101 ng/ul

RT: 23.44 min Scan# 5875

Delta R.T. -0.00 min

Lab File: BM027980.D

Acq: 26 Nov 2020 01:03

Instrument :

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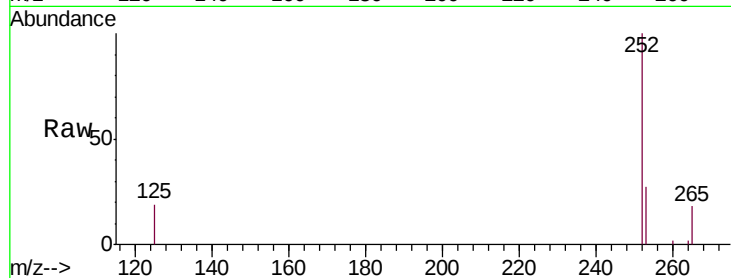
Tgt Ion:252 Resp: 13688

Ion Ratio Lower Upper

252 100

253 26.7 0.0 59.6

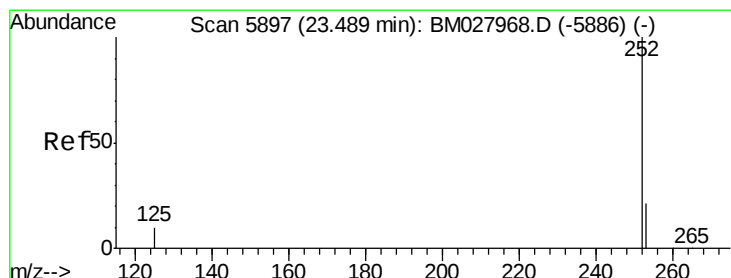
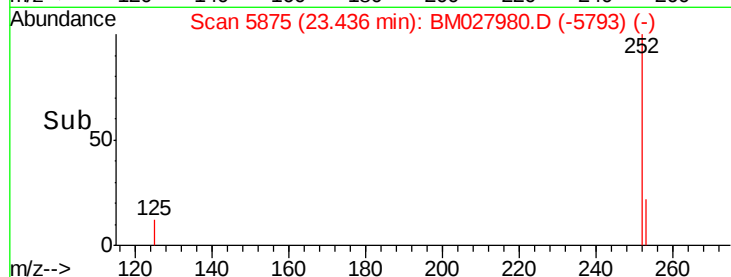
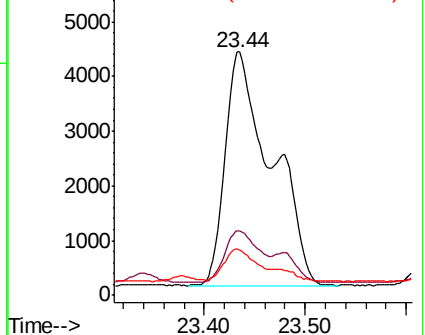
125 18.6 0.0 28.4



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: 1.125 ng/ul

RT: 23.44 min Scan# 5875

Delta R.T. -0.05 min

Lab File: BM027980.D

Acq: 26 Nov 2020 01:03

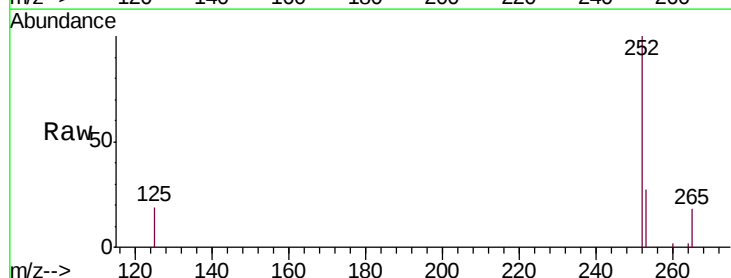
Tgt Ion:252 Resp: 13688

Ion Ratio Lower Upper

252 100

253 26.7 23.2 34.8

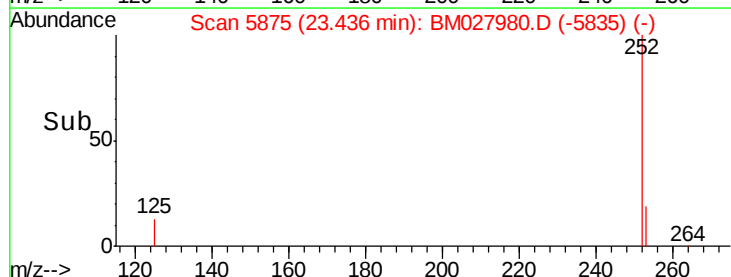
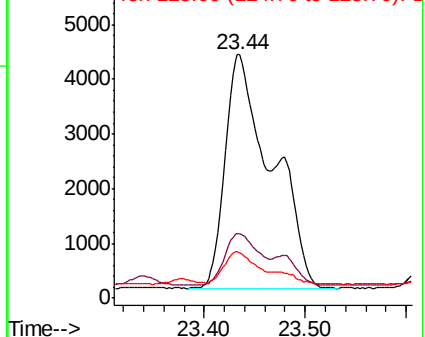
125 18.6 11.8 17.6#

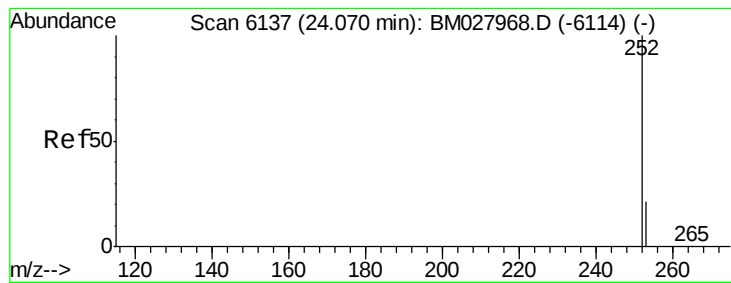


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.629 ng/u1

RT: 24.06 min Scan# 6134

Delta R.T. -0.01 min

Lab File: BM027980.D

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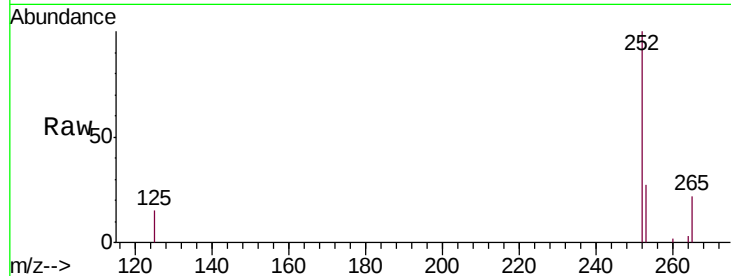
Tgt Ion:252 Resp: 6833

Ion Ratio Lower Upper

252 100

253 27.1 25.2 37.8

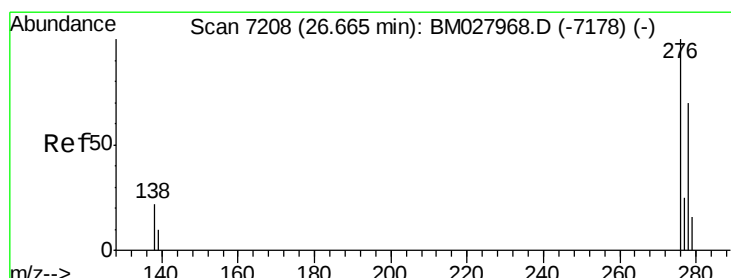
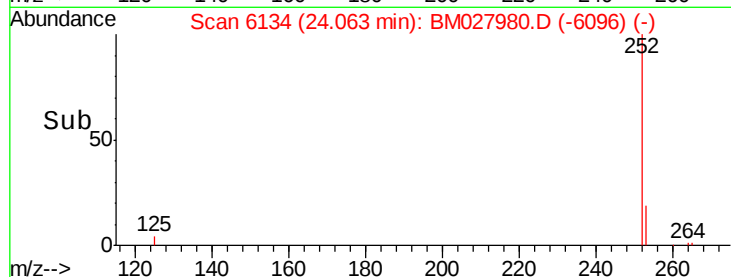
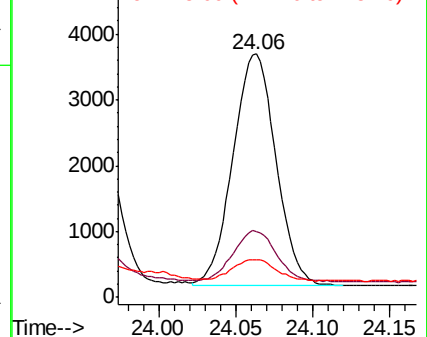
125 15.3 13.8 20.6



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: 0.377 ng/u1

RT: 26.66 min Scan# 7204

Delta R.T. -0.01 min

Lab File: BM027980.D

Acq: 26 Nov 2020 01:03

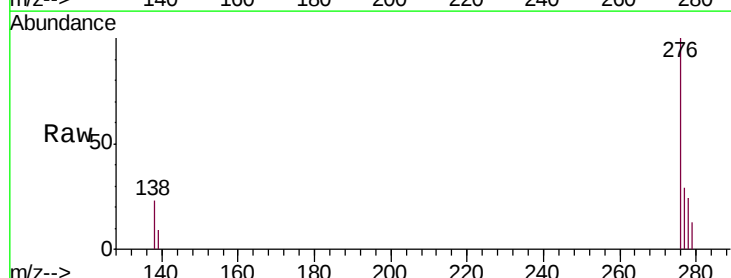
Tgt Ion:276 Resp: 4433

Ion Ratio Lower Upper

276 100

138 18.5 15.7 23.5

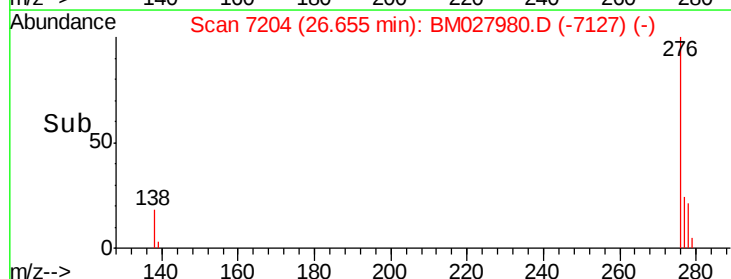
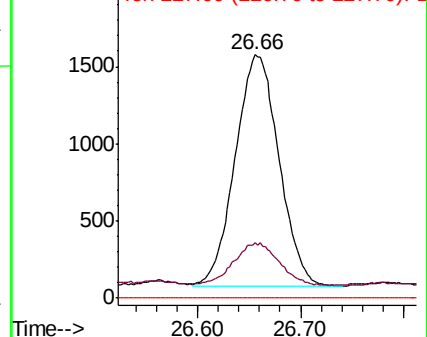
227 0.0 0.0 0.0

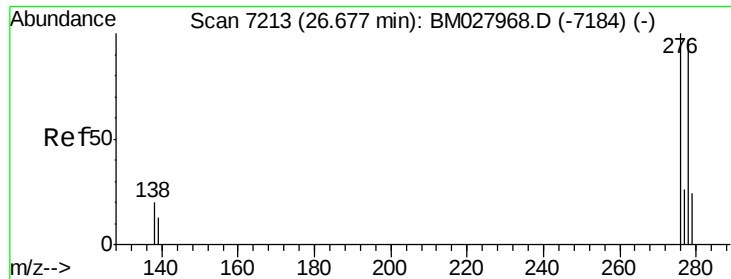


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

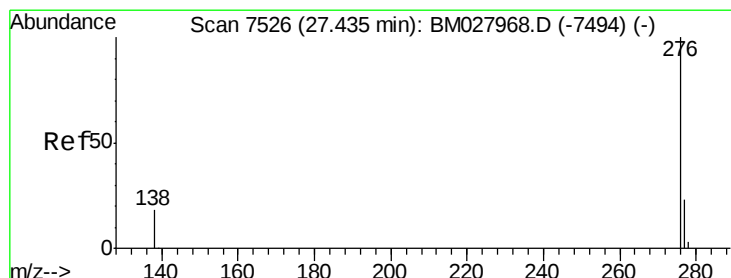
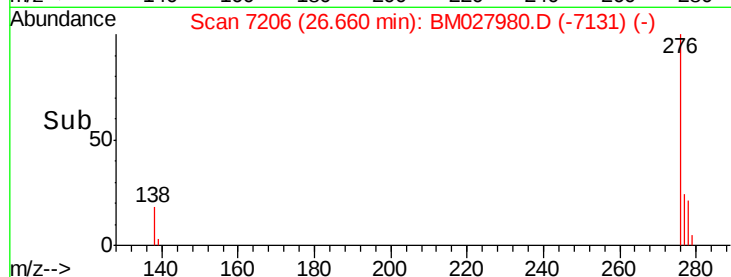
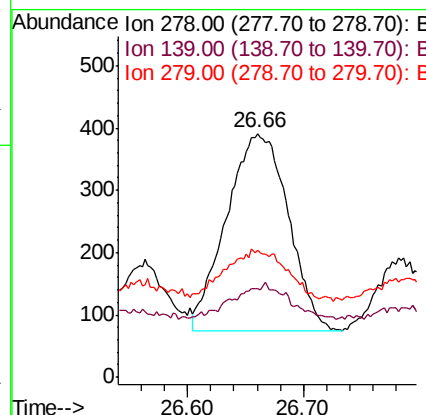
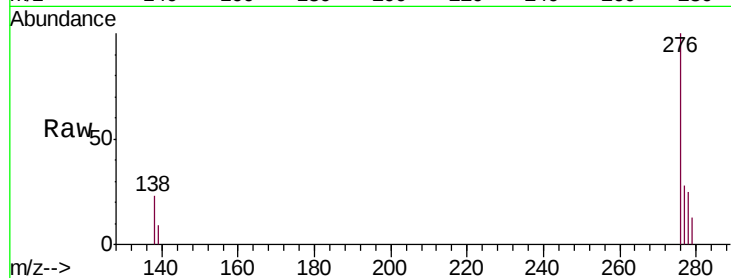




#25
Dibenzo(a,h)anthracene
Concen: 0.120 ng/ul
RT: 26.66 min Scan# 7206
Delta R.T. -0.02 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Instrument :
BNA_M
ClientSampleId :
C0B18DL

Tgt Ion:278 Resp: 1172
Ion Ratio Lower Upper
278 100
139 36.3 14.8 22.2#
279 51.9 25.8 38.6#



#26
Benzo(g,h,i)perylene
Concen: 0.403 ng/ul
RT: 27.43 min Scan# 7524
Delta R.T. -0.01 min
Lab File: BM027980.D
Acq: 26 Nov 2020 01:03

Tgt Ion:276 Resp: 3973
Ion Ratio Lower Upper
276 100
138 24.2 17.4 26.2
277 28.9 22.5 33.7

