

Data File : BM027620.D
Acq On : 06 Oct 2020 00:01
Operator : JU/CG
Sample : L4184-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Quant Time: Oct 06 01:26:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 06 01:23:11 2020
Response via : Initial Calibration

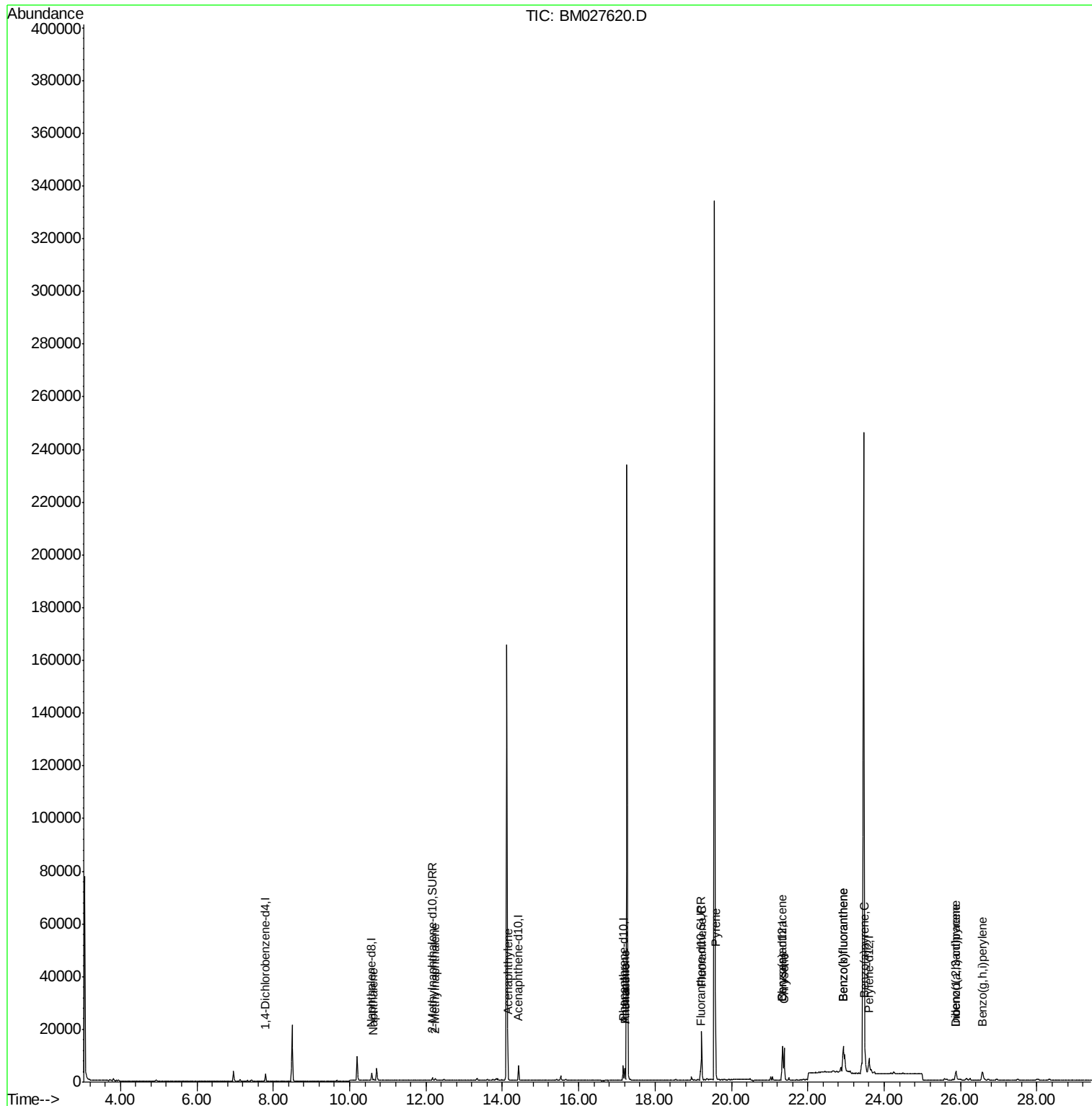
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1410	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	4107	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	3026	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.16	188	7557	0.40	ng/ul	0.00
16) Chrysene-d12	21.34	240	8489	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	7331	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.17	152	1226	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	4233	0.20	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.63	128	494	0.041	ng/ul#	71
5) 2-Methylnaphthalene	12.24	142	509	0.058	ng/ul	99
7) Acenaphthylene	14.15	152	415	0.027	ng/ul#	65
12) Phenanthrene	17.21	178	4878	0.209	ng/ul	99
13) Anthracene	17.21	178	3644	0.160	ng/ul	99
15) Fluoranthene	19.22	202	16044	0.572	ng/ul	100
17) Pyrene	19.58	202	15458	0.399	ng/ul	98
18) Benzo(a)anthracene	21.33	228	9374	0.282	ng/ul	97
19) Chrysene	21.38	228	11677	0.339	ng/ul	97
21) Benzo(b)fluoranthene	22.92	252	22579	0.764	ng/ul	90
22) Benzo(k)fluoranthene	22.92	252	22579	0.735	ng/ul#	90
23) Benzo(a)pyrene	23.50	252	7688	0.291	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.88	276	5934	0.174	ng/ul#	84
25) Dibenzo(a,h)anthracene	25.89	278	1690	0.060	ng/ul#	45
26) Benzo(g,h,i)perylene	26.57	276	7256	0.252	ng/ul	95

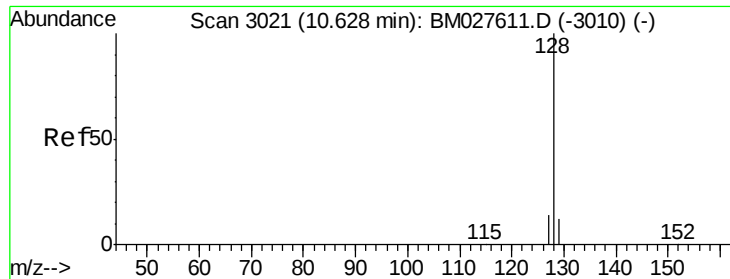
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.041 ng/ul

RT: 10.63 min Scan# 3021

Delta R.T. -0.00 min

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Acq: 06 Oct 2020 00:01

Instrument :

BNA_M

ClientSampleId :

C0AJ7

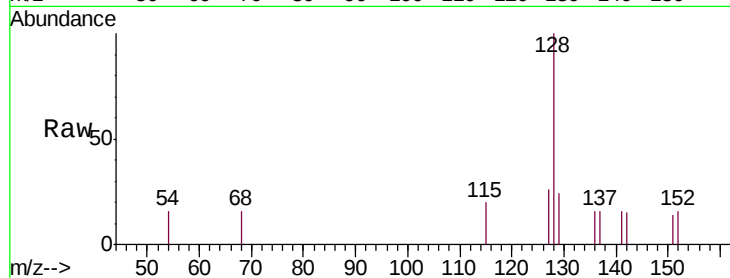
Tgt Ion:128 Resp: 494

Ion Ratio Lower Upper

128 100

129 23.9 9.9 14.9#

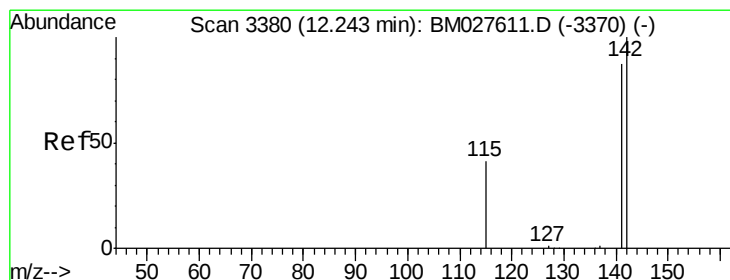
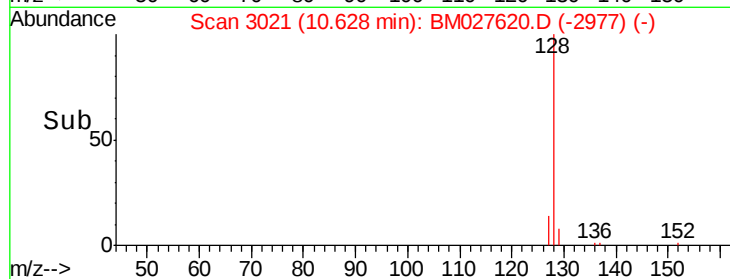
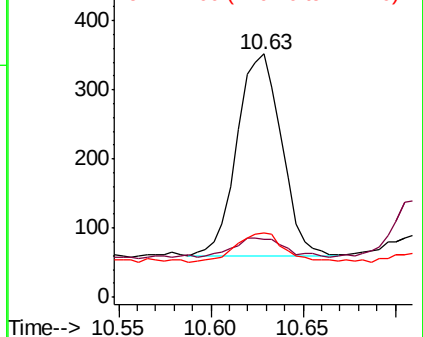
127 26.4 11.4 17.2#



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: 0.058 ng/ul

RT: 12.24 min Scan# 3379

Delta R.T. -0.01 min

Lab File: BM027620.D

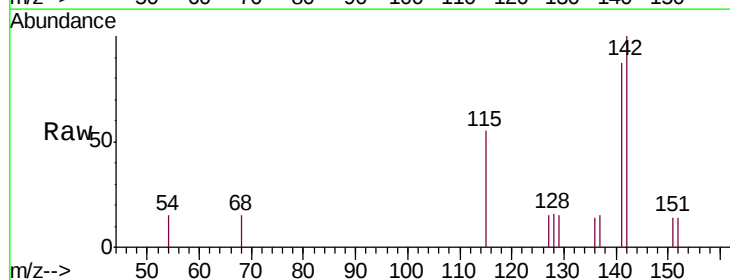
Acq: 06 Oct 2020 00:01

Tgt Ion:142 Resp: 509

Ion Ratio Lower Upper

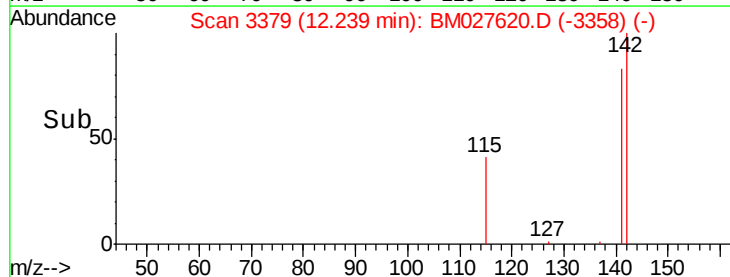
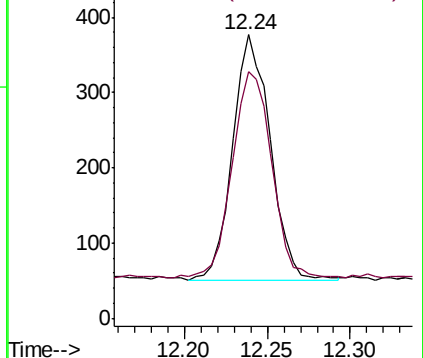
142 100

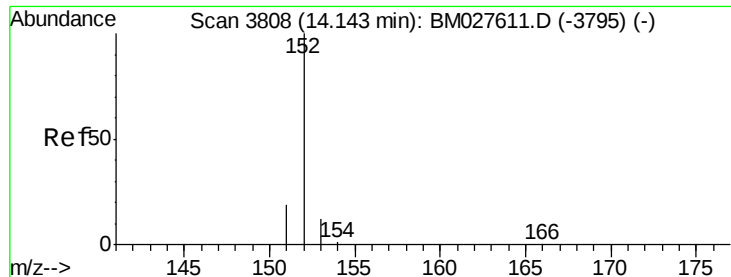
141 90.0 70.9 106.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 14.15 min Scan# 3809

Delta R.T. 0.00 min

Lab File: BM027620.D

Acq: 06 Oct 2020 00:01

Instrument :

BNA_M

ClientSampleId :

C0AJ7

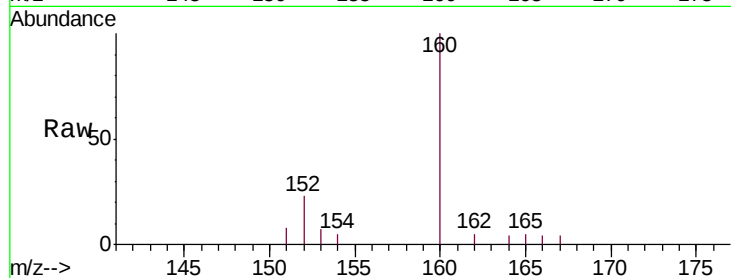
Tgt Ion:152 Resp: 415

Ion Ratio Lower Upper

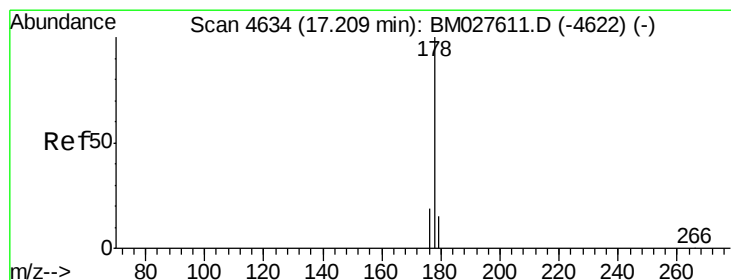
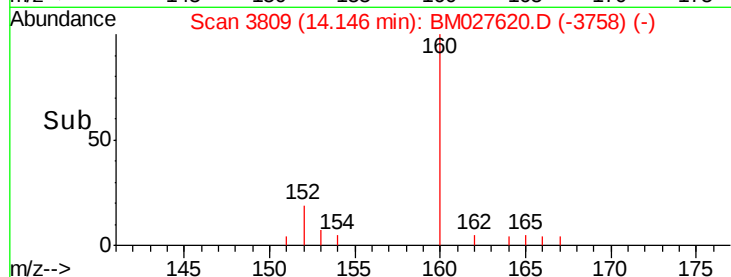
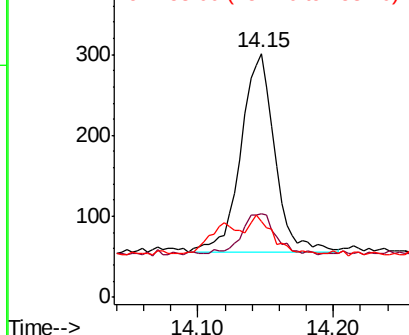
152 100

151 34.6 16.6 24.8#

153 31.2 11.4 17.0#



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



#12

Phenanthrene

Concen: 0.209 ng/ul

RT: 17.21 min Scan# 4633

Delta R.T. -0.00 min

Lab File: BM027620.D

Acq: 06 Oct 2020 00:01

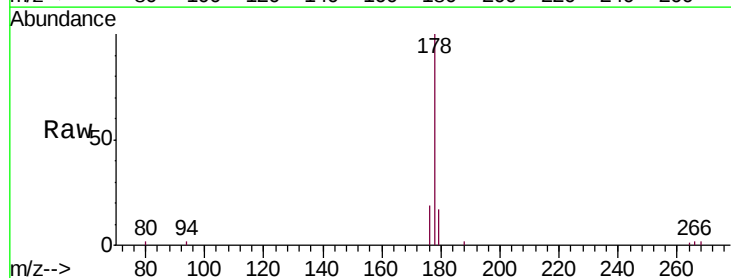
Tgt Ion:178 Resp: 4878

Ion Ratio Lower Upper

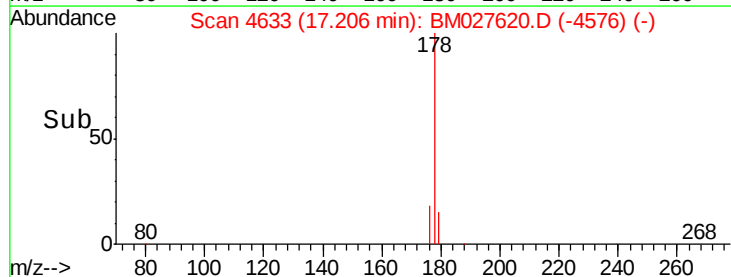
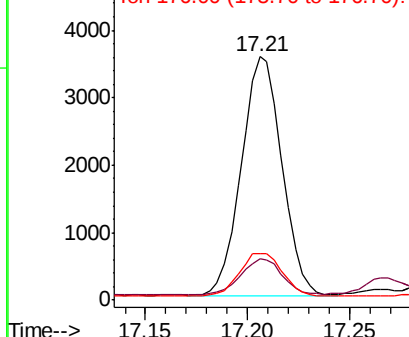
178 100

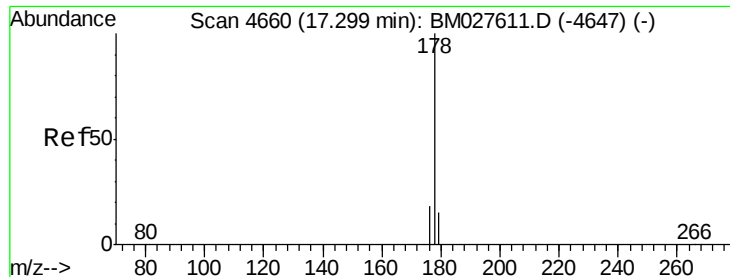
179 17.2 12.9 19.3

176 19.2 15.3 22.9



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: 0.160 ng/ul

RT: 17.21 min Scan# 4633

Delta R.T. -0.09 min

Lab File: BM027620.D

Acq: 06 Oct 2020 00:01

Instrument :

BNA_M

ClientSampleId :

C0AJ7

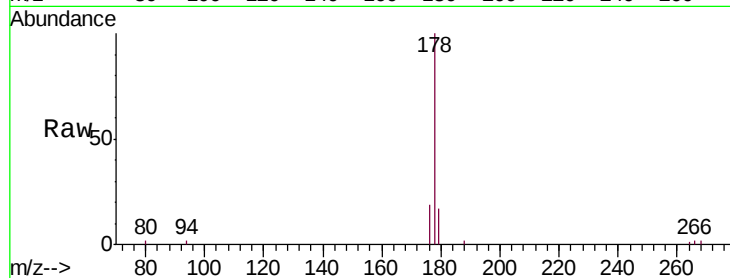
Tgt Ion:178 Resp: 3644

Ion Ratio Lower Upper

178 100

179 17.2 13.0 19.4

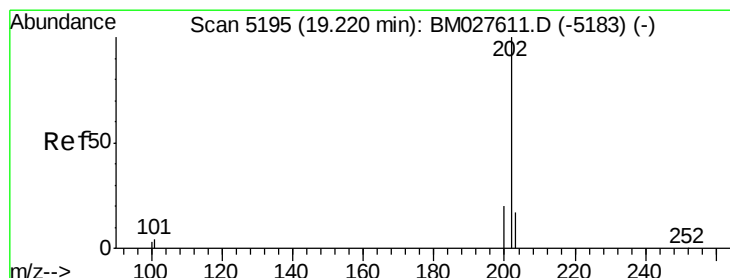
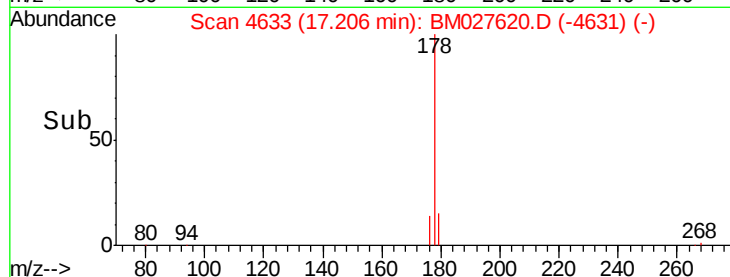
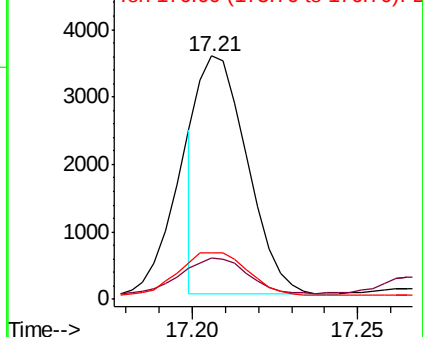
176 19.2 15.2 22.8



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: 0.572 ng/ul

RT: 19.22 min Scan# 5195

Delta R.T. -0.00 min

Lab File: BM027620.D

Acq: 06 Oct 2020 00:01

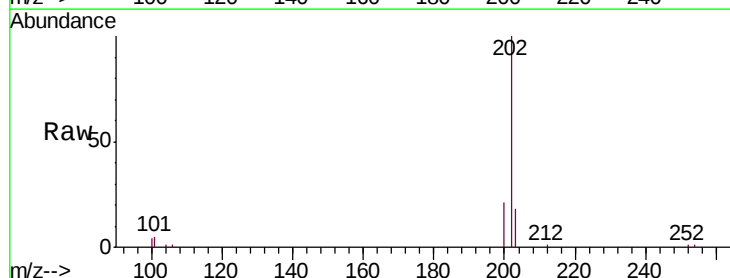
Tgt Ion:202 Resp: 16044

Ion Ratio Lower Upper

202 100

101 5.0 0.0 24.9

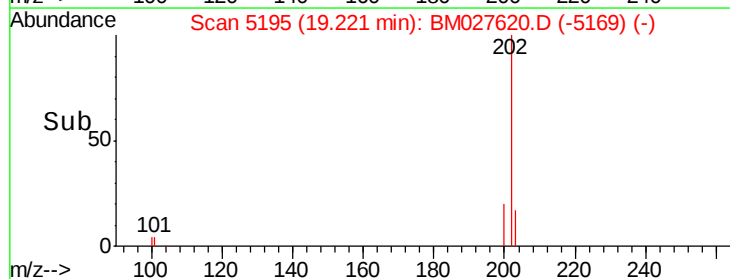
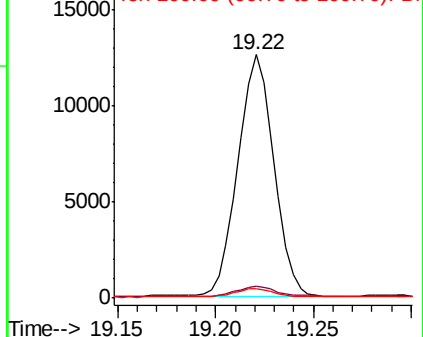
100 4.1 0.0 24.1

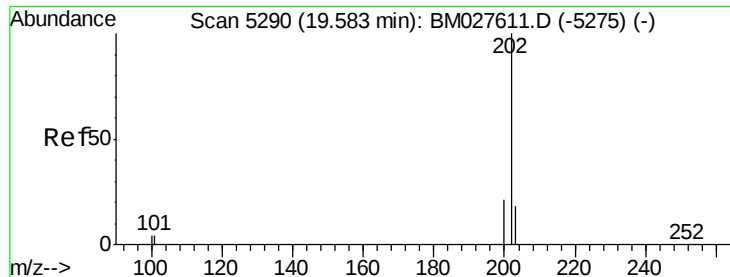


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

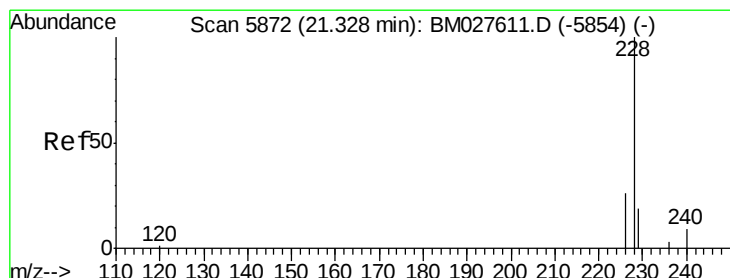
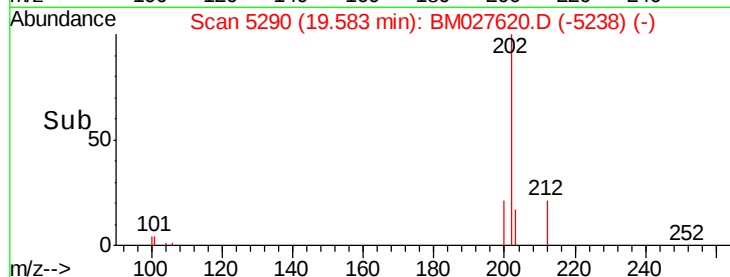
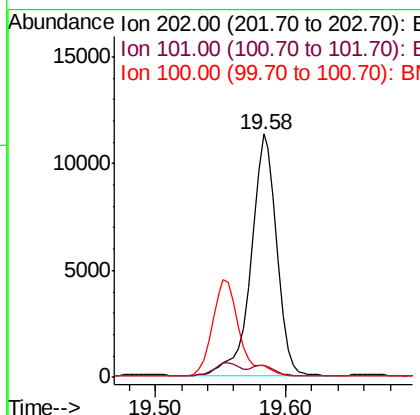
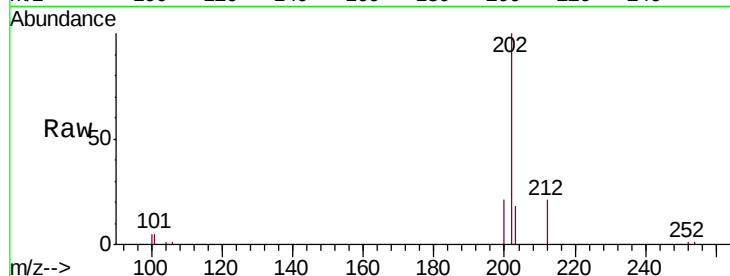




#17
Pyrene
Concen: 0.399 ng/ul
RT: 19.58 min Scan# 5290
Delta R.T. -0.00 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

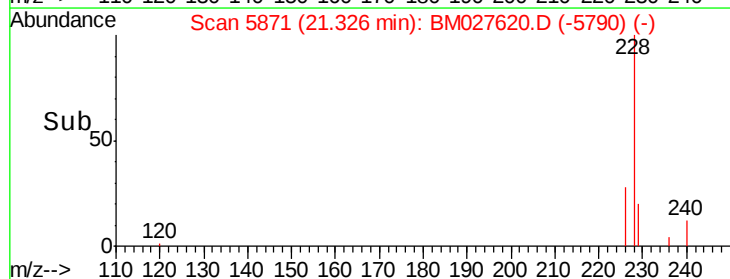
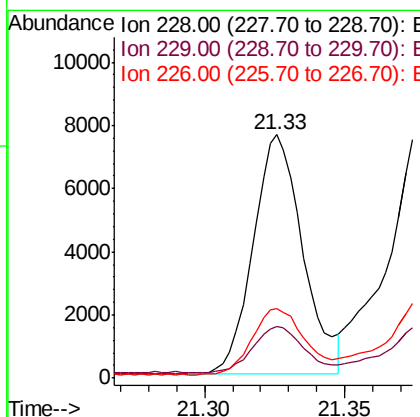
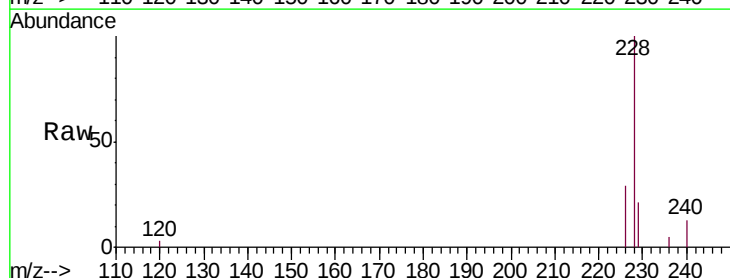
Instrument :
BNA_M
ClientSampleId :
C0AJ7

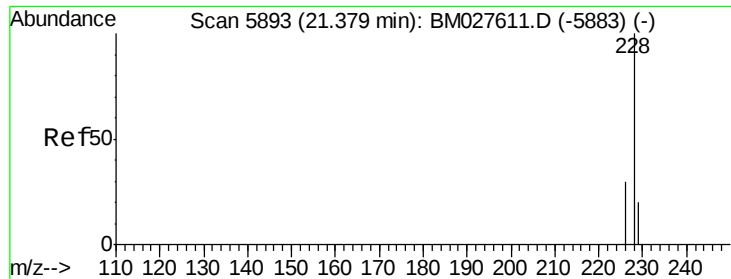
Tgt Ion: 202 Resp: 15458
Ion Ratio Lower Upper
202 100
101 4.9 4.7 7.1
100 4.7 3.9 5.9



#18
Benzo(a)anthracene
Concen: 0.282 ng/ul
RT: 21.33 min Scan# 5871
Delta R.T. -0.00 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

Tgt Ion: 228 Resp: 9374
Ion Ratio Lower Upper
228 100
229 21.4 15.6 23.4
226 28.6 21.8 32.8





#19

Chrysene

Concen: 0.339 ng/ul

RT: 21.38 min Scan# 5892

Delta R.T. -0.00 min

Lab File: BM027620.D

Acq: 06 Oct 2020 00:01

Instrument :

BNA_M

ClientSampled :

C0AJ7

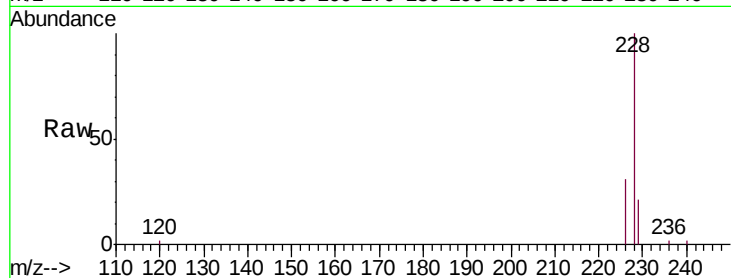
Tgt Ion:228 Resp: 11677

Ion Ratio Lower Upper

228 100

226 31.3 24.2 36.4

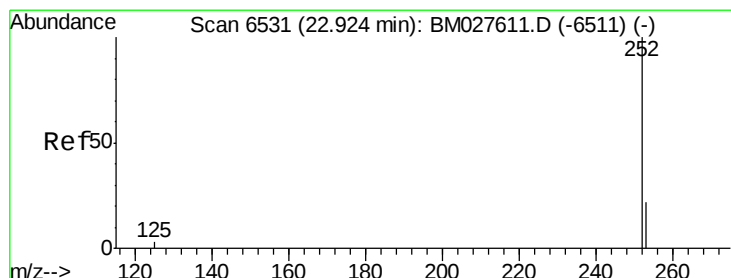
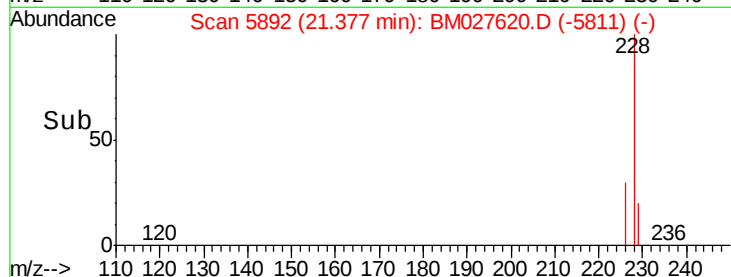
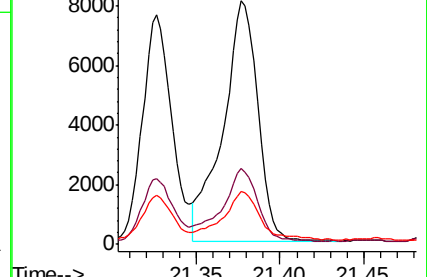
229 21.5 15.8 23.8



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: 0.764 ng/ul

RT: 22.92 min Scan# 6531

Delta R.T. -0.00 min

Lab File: BM027620.D

Acq: 06 Oct 2020 00:01

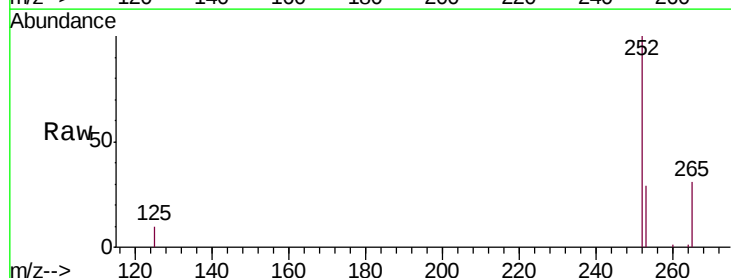
Tgt Ion:252 Resp: 22579

Ion Ratio Lower Upper

252 100

253 28.7 0.0 48.2

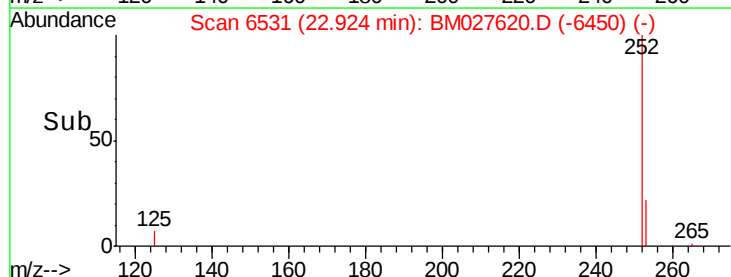
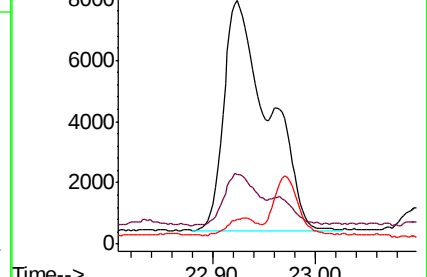
125 10.3 0.0 10.6

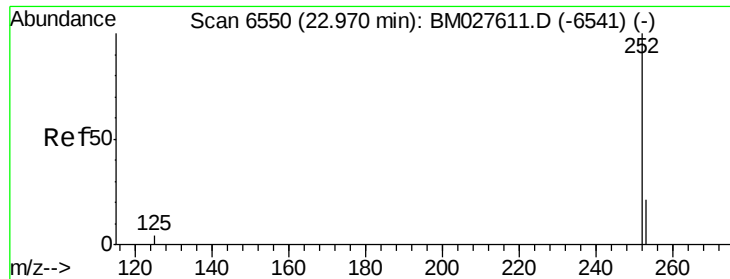


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.735 ng/ul

RT: 22.92 min Scan# 6531

Delta R.T. -0.05 min

Lab File: BM027620.D

Acq: 06 Oct 2020 00:01

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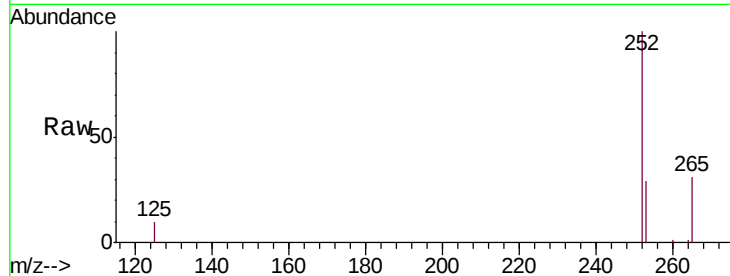
Tgt Ion:252 Resp: 22579

Ion Ratio Lower Upper

252 100

253 28.7 19.1 28.7#

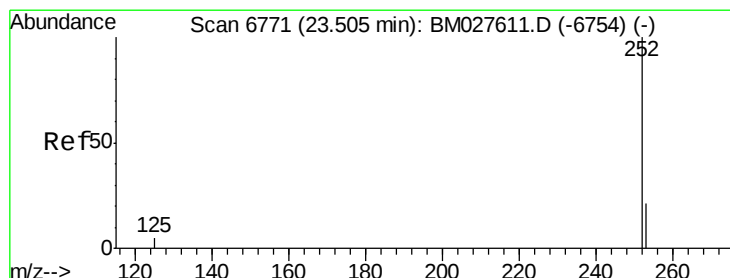
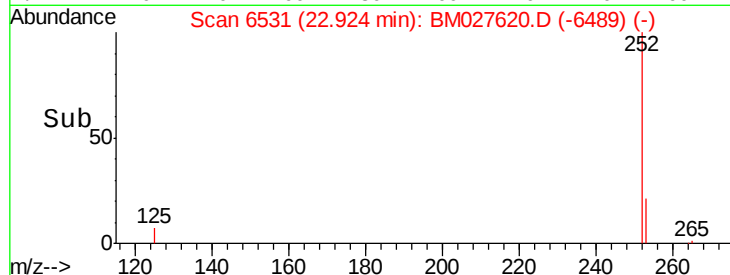
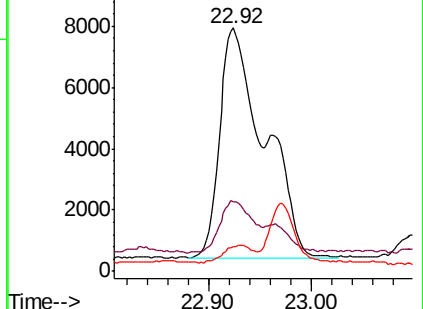
125 10.3 5.0 7.4#



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



#23

Benzo(a)pyrene

Concen: 0.291 ng/ul

RT: 23.50 min Scan# 6769

Delta R.T. -0.01 min

Lab File: BM027620.D

Acq: 06 Oct 2020 00:01

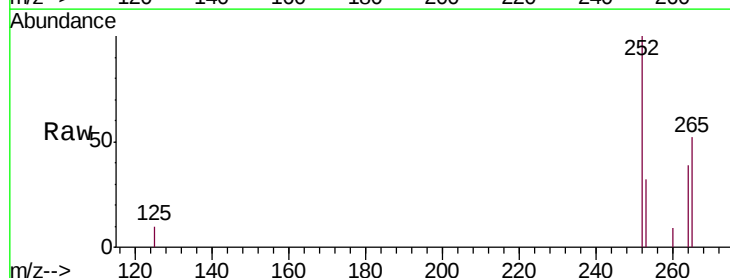
Tgt Ion:252 Resp: 7688

Ion Ratio Lower Upper

252 100

253 32.3 19.6 29.4#

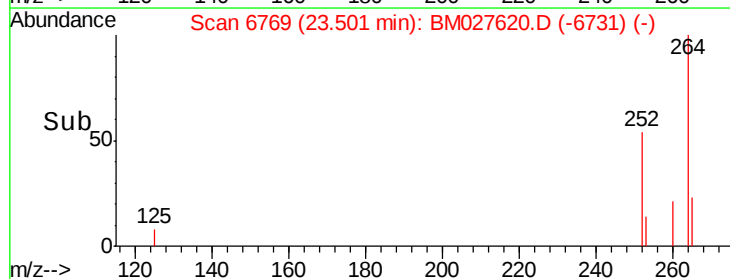
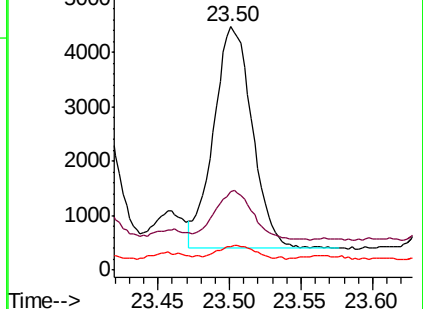
125 9.7 5.0 7.6#

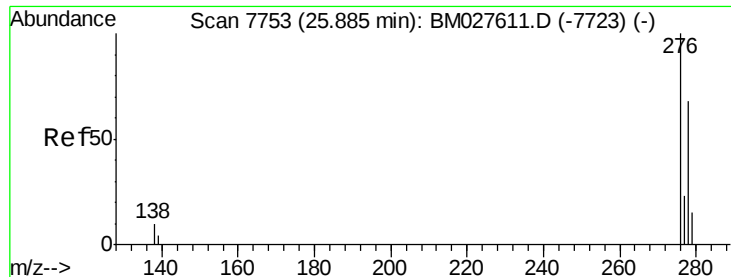


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



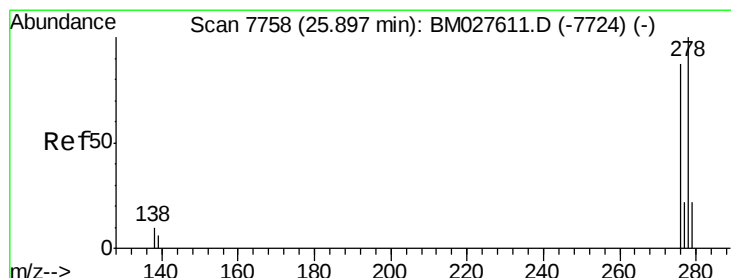
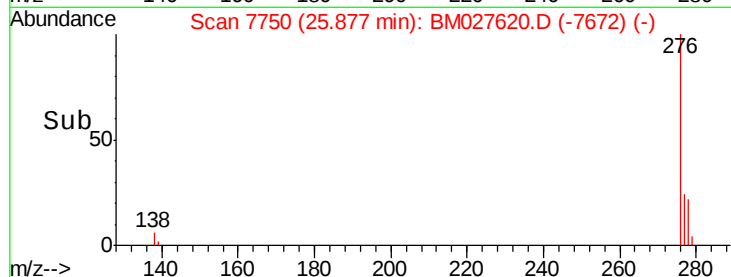
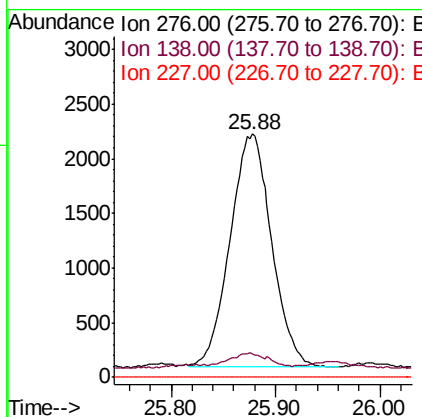
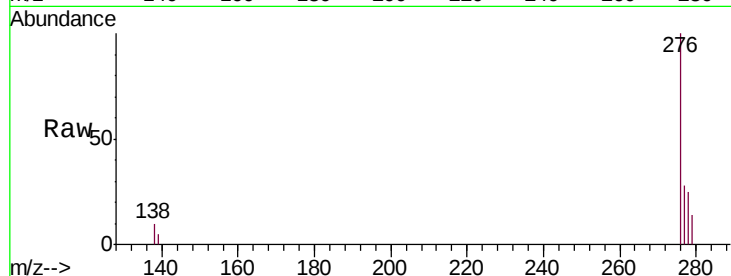


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.174 ng/u1
RT: 25.88 min Scan# 7750
Delta R.T. -0.01 min
Lab File: BM027620.D
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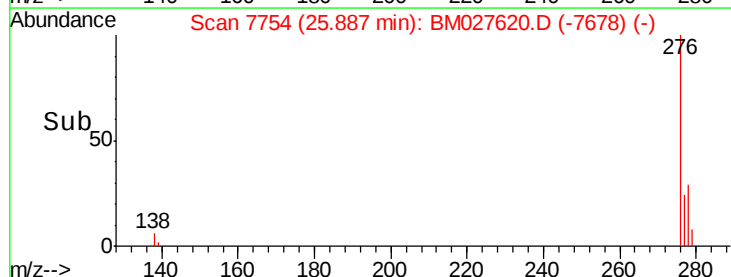
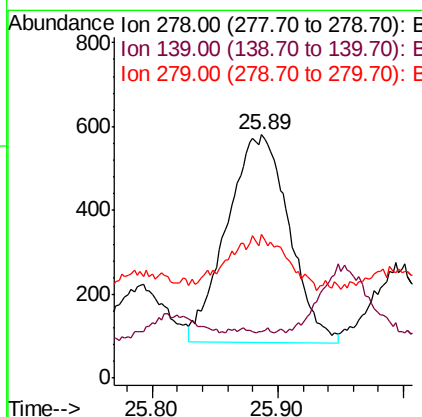
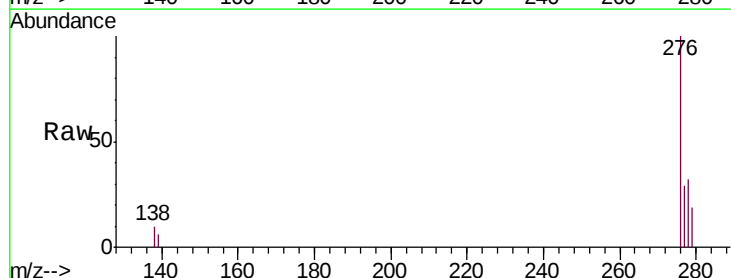
Tgt Ion:276 Resp: 5934
Ion Ratio Lower Upper
276 100
138 4.8 8.6 12.8#
227 0.0 0.0 0.0

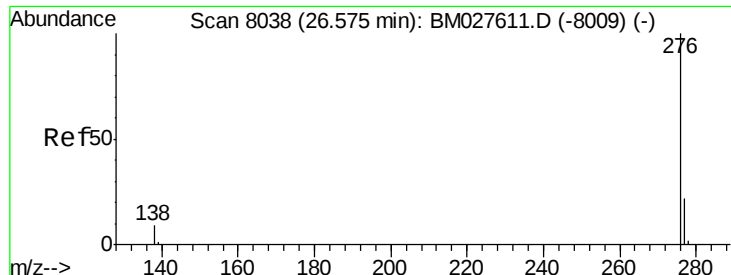


#25

Dibenzo(a,h)anthracene
Concen: 0.060 ng/u1
RT: 25.89 min Scan# 7754
Delta R.T. -0.01 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

Tgt Ion:278 Resp: 1690
Ion Ratio Lower Upper
278 100
139 19.3 7.6 11.4#
279 59.2 20.7 31.1#





#26

Benzo(g,h,i)perylene

Concen: 0.252 ng/ul

RT: 26.57 min Scan# 8037

Delta R.T. -0.01 min

Lab File: BM027620.D

Acq: 06 Oct 2020 00:01

Instrument :

BNA_M

ClientSampleId :

C0AJ7

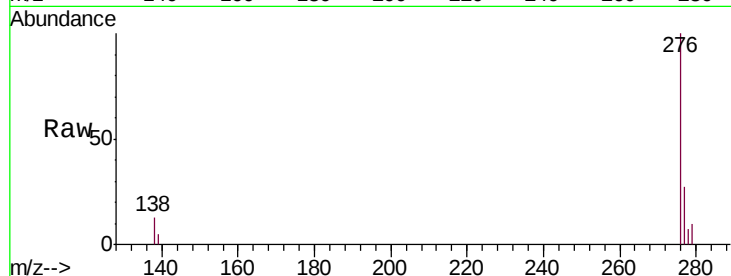
Tgt Ion: 276 Resp: 7256

Ion Ratio Lower Upper

276 100

138 12.8 9.0 13.4

277 26.7 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

