

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027947.D
 Acq On : 24 Nov 2020 17:44
 Operator : JU/CG
 Sample : L4749-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B14

Quant Time: Nov 25 00:49:51 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 : Tue Nov 24 15:00:24 2020
 Response via : Initial Calibration

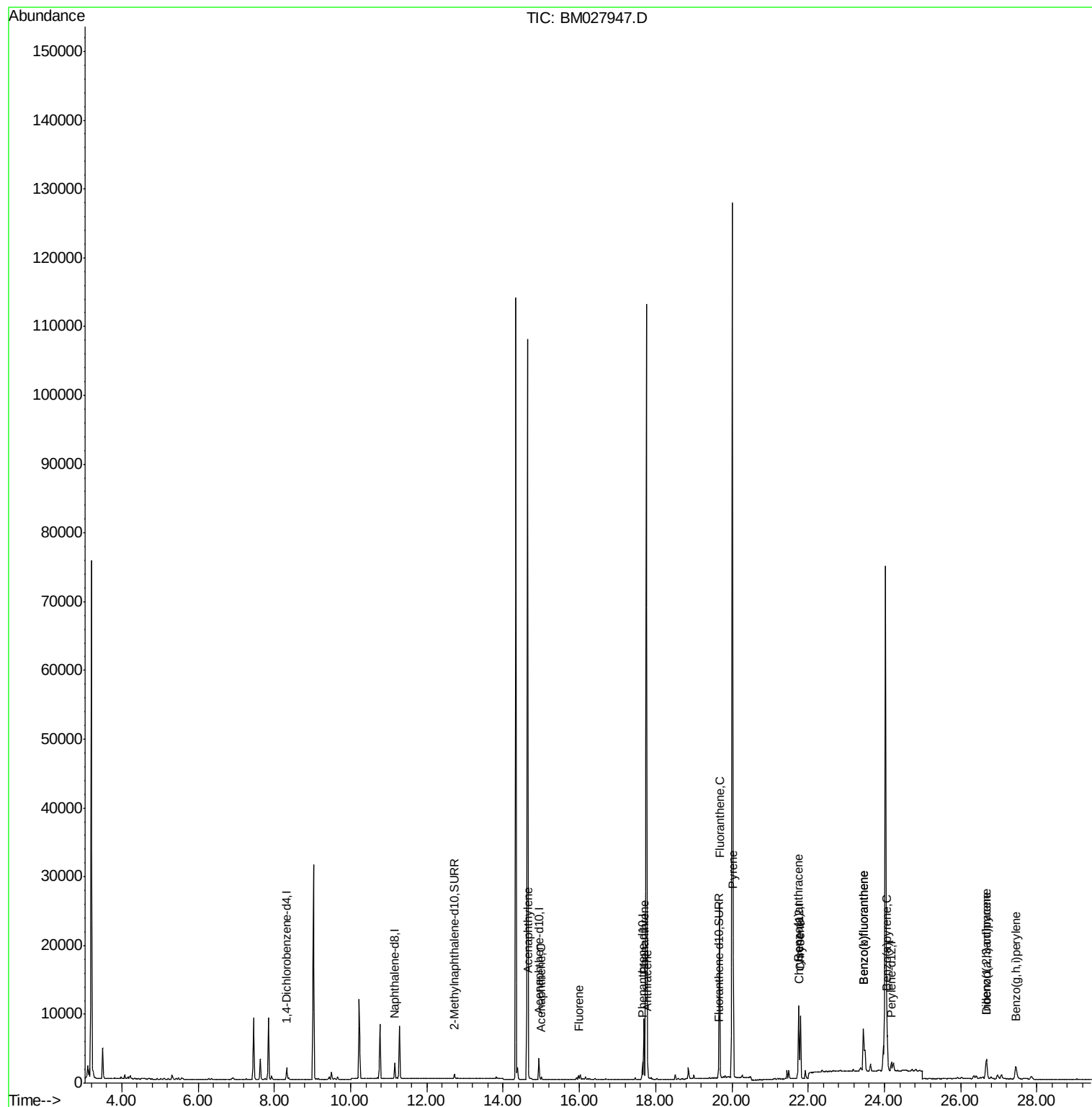
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	821	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3117	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1657	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	2822	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	1893	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	1772	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	820	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1309	0.17	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.67	152	249	0.031	ng/ul#	47
8) Acenaphthene	15.00	153	191	0.032	ng/ul#	89
9) Fluorene	15.98	166	324	0.046	ng/ul#	93
12) Phenanthrene	17.70	178	9021	1.012	ng/ul	98
13) Anthracene	17.79	178	2125	0.247	ng/ul	94
15) Fluoranthene	19.68	202	20842	2.109	ng/ul	98
17) Pyrene	20.03	202	16779	1.745	ng/ul	97
18) Benzo(a)anthracene	21.75	228	8902	1.166	ng/ul	99
19) Chrysene	21.80	228	9111	1.225	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	14598	1.960	ng/ul	93
22) Benzo(k)fluoranthene	23.45	252	14595	2.001	ng/ul#	94
23) Benzo(a)pyrene	24.07	252	7291	1.120	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	26.67	276	4844	0.687	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.68	278	1354	0.231	ng/ul#	61
26) Benzo(g,h,i)perylene	27.45	276	4307	0.728	ng/ul	98

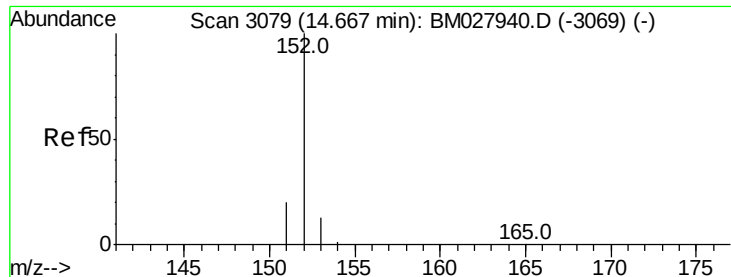
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
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Quant Time: Nov 25 00:49:51 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 : Tue Nov 24 15:00:24 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Instrument :

BNA_M

ClientSampleId :

C0B14

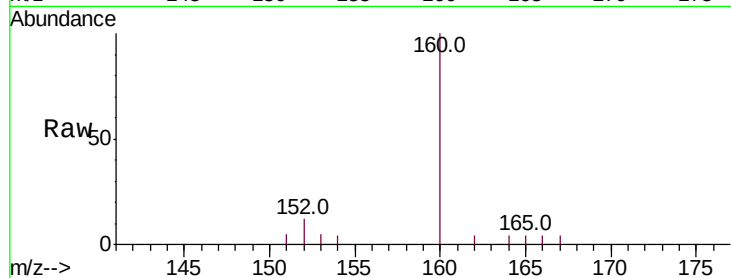
Tot Ion:152 Resp: 249

Ion Ratio Lower Upper

152 100

151 45.2 17.1 25.7#

153 38.7 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

14.67

150

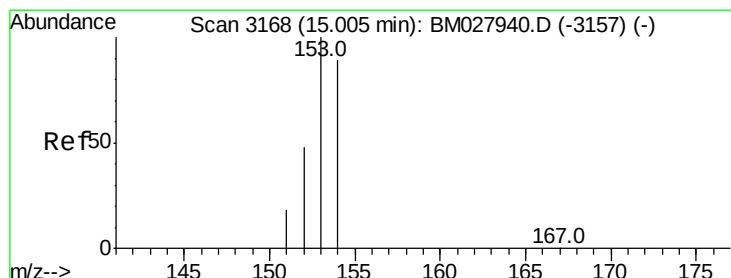
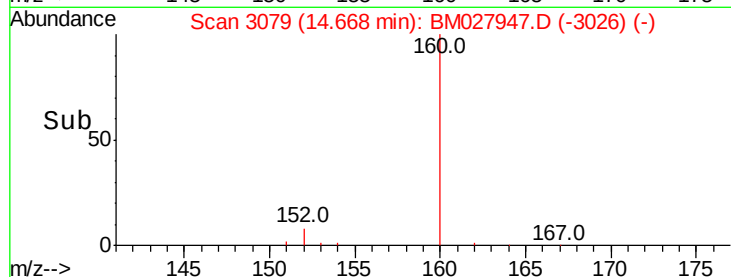
100

50

0

14.60 14.70

Time-->



#8

Acenaphthene

Concen: 0.032 ng/ul

RT: 15.00 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

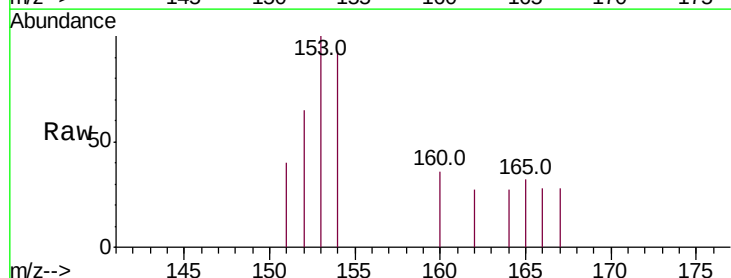
Tgt Ion:153 Resp: 191

Ion Ratio Lower Upper

153 100

152 64.9 39.0 58.6#

154 93.0 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

250

200

150

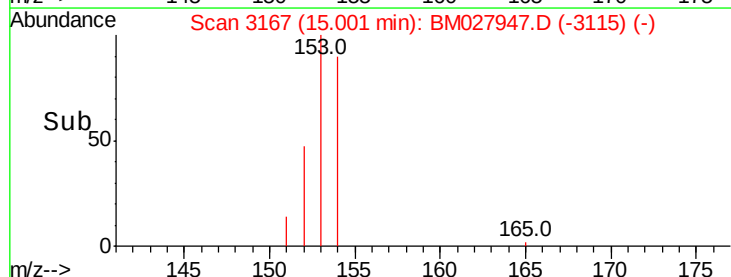
100

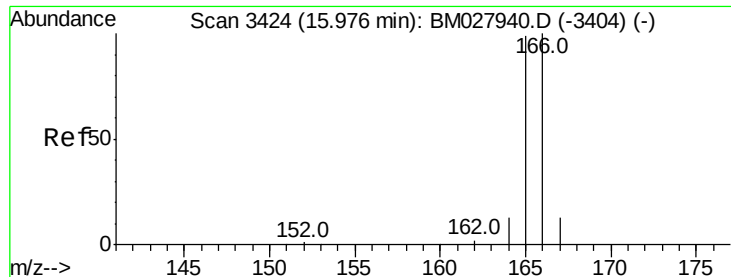
50

0

14.95 15.00 15.05

Time-->

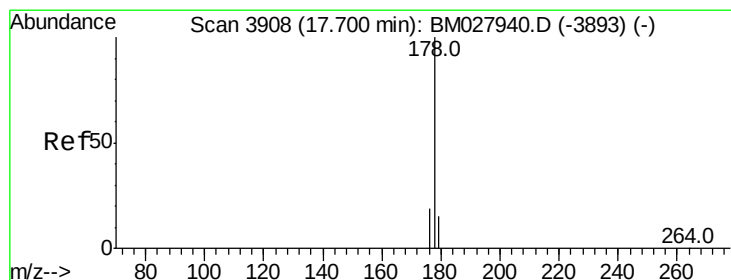
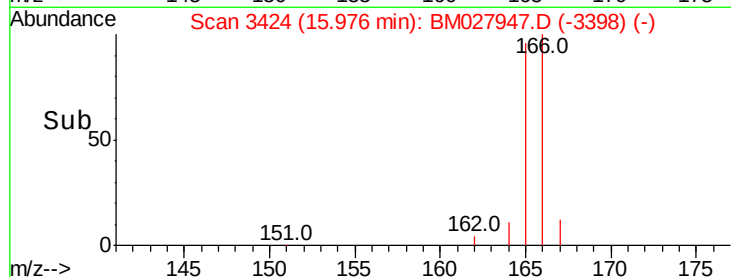
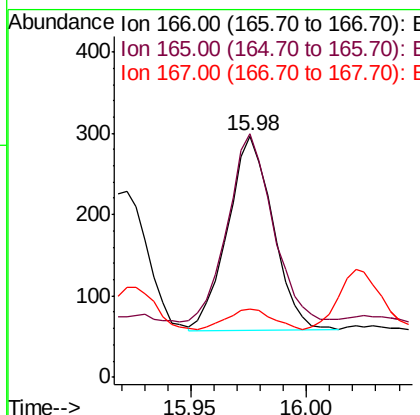
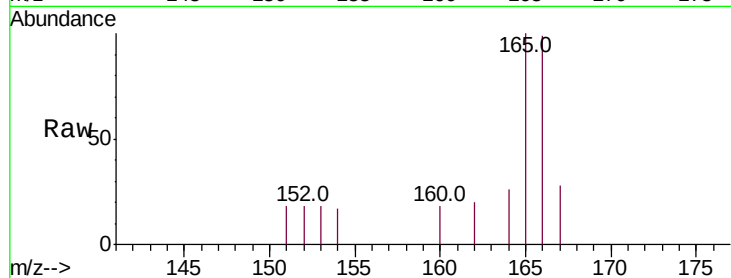




#9
Fluorene
 Concen: 0.046 ng/ul
 RT: 15.98 min Scan# 3424
 Delta R.T. 0.00 min
 Lab File: BM027947.D
 Acq: 24 Nov 2020 17:44

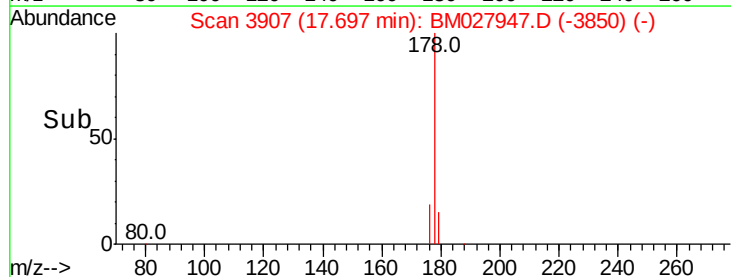
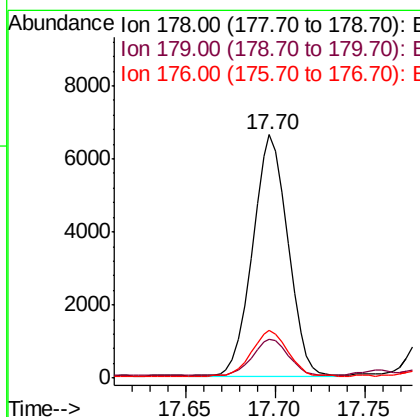
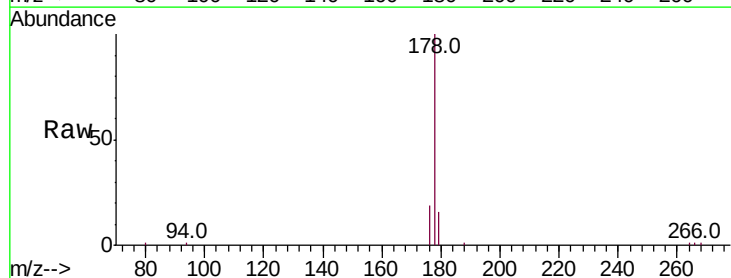
Instrument :
 BNA_M
 ClientSampleId :
 C0B14

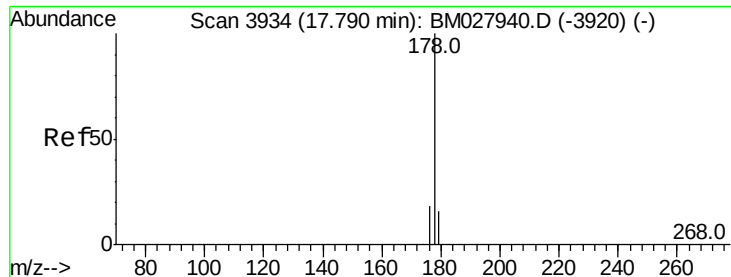
Tot Ion:166 Resp: 324
 Ion Ratio Lower Upper
 166 100
 165 100.7 78.1 117.1
 167 28.3 11.8 17.8#



#12
Phenanthrene
 Concen: 1.012 ng/ul
 RT: 17.70 min Scan# 3907
 Delta R.T. -0.00 min
 Lab File: BM027947.D
 Acq: 24 Nov 2020 17:44

Tgt Ion:178 Resp: 9021
 Ion Ratio Lower Upper
 178 100
 179 16.2 13.6 20.4
 176 19.4 16.1 24.1





#13

Anthracene

Concen: 0.247 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Instrument :

BNA_M

ClientSampleId :

C0B14

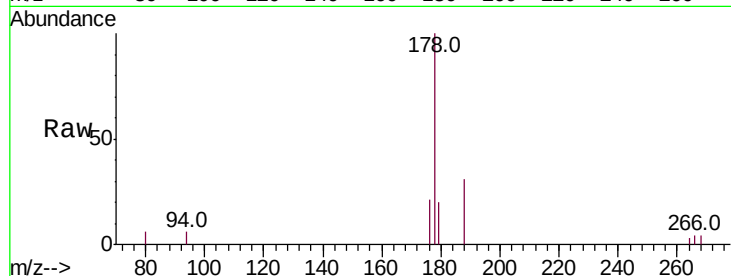
Tot Ion:178 Resp: 2125

Ion Ratio Lower Upper

178 100

179 19.7 13.4 20.2

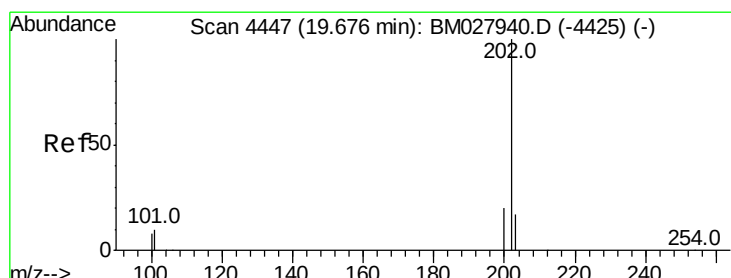
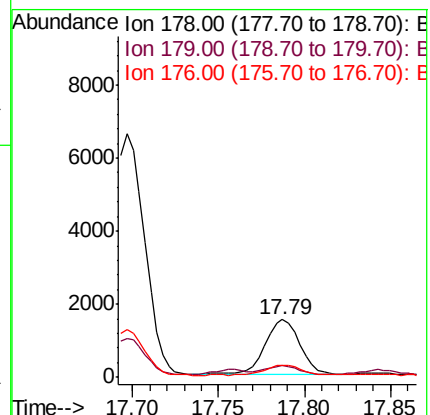
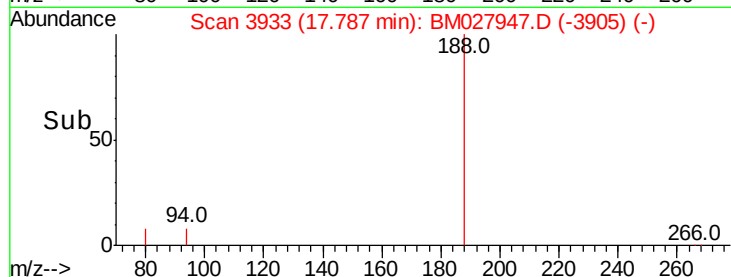
176 21.4 15.0 22.6



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: 2.109 ng/ul

RT: 19.68 min Scan# 4447

Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

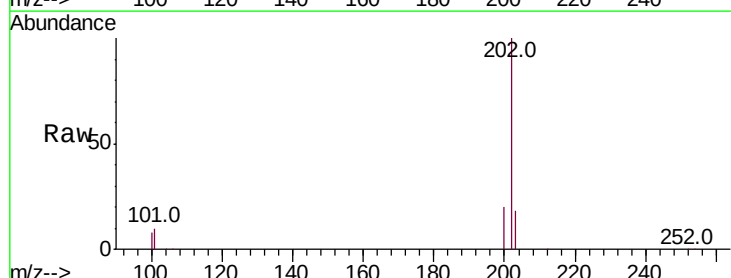
Tgt Ion:202 Resp: 20842

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.3

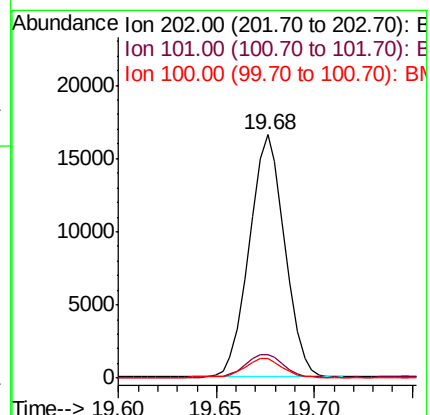
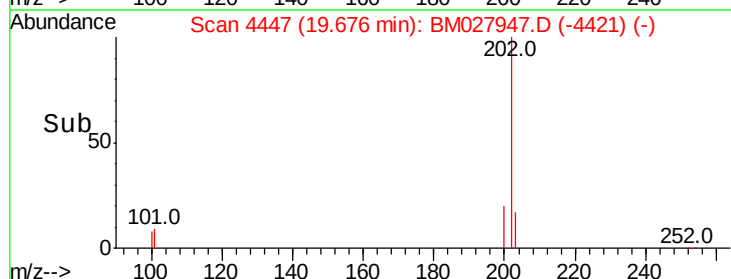
100 7.9 0.0 27.4

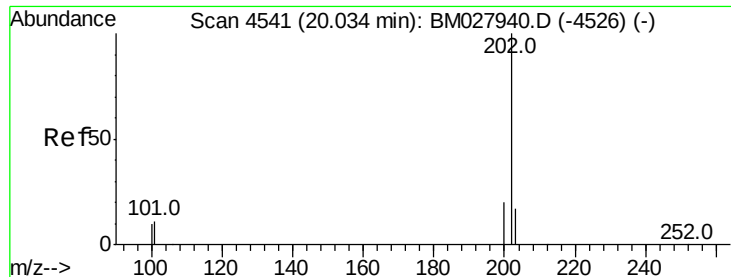


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 1.745 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Instrument :

BNA_M

ClientSampleId :

C0B14

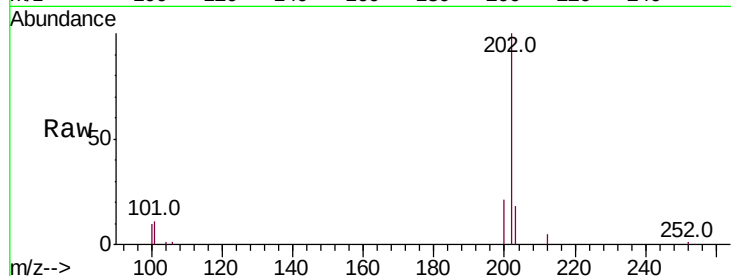
Tot Ion:202 Resp: 16779

Ion Ratio Lower Upper

202 100

101 11.4 8.2 12.2

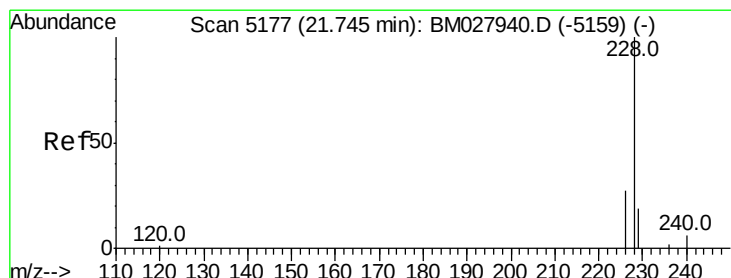
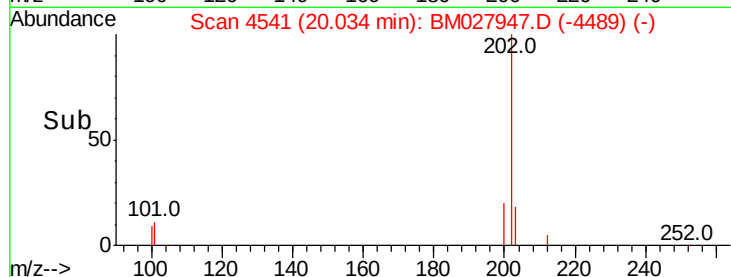
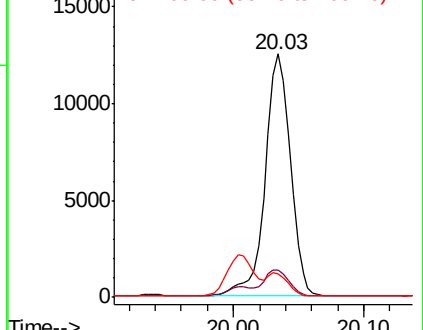
100 9.5 6.9 10.3



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: 1.166 ng/ul

RT: 21.75 min Scan# 5178

Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

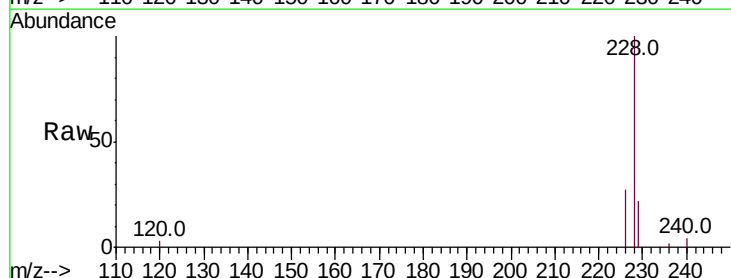
Tgt Ion:228 Resp: 8902

Ion Ratio Lower Upper

228 100

229 21.5 16.2 24.4

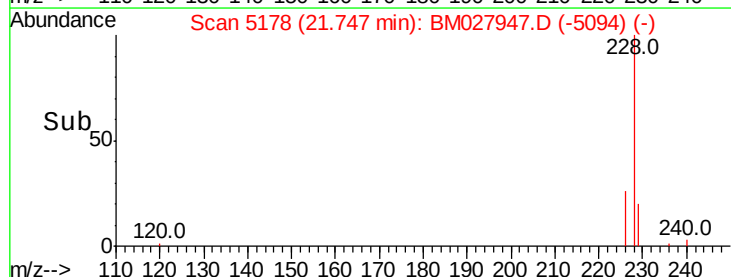
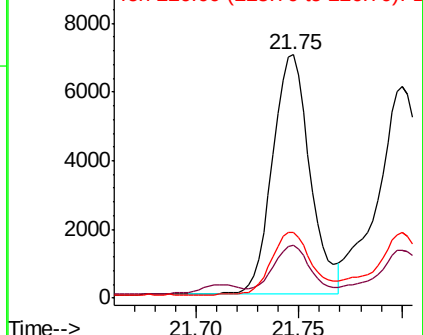
226 26.8 21.5 32.3

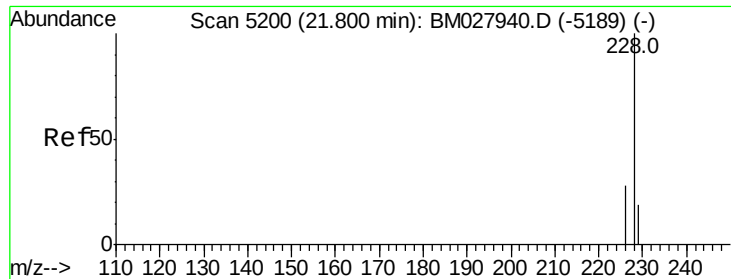


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.225 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Instrument :

BNA_M

ClientSampleId :

C0B14

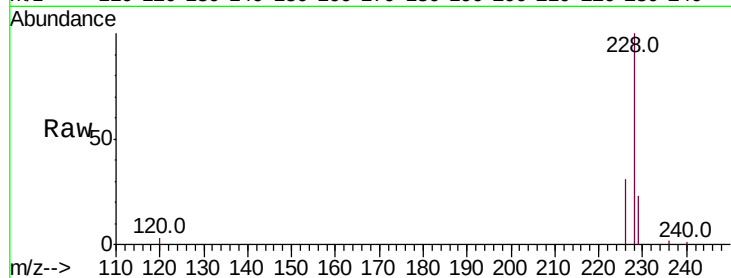
Tot Ion:228 Resp: 9111

Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

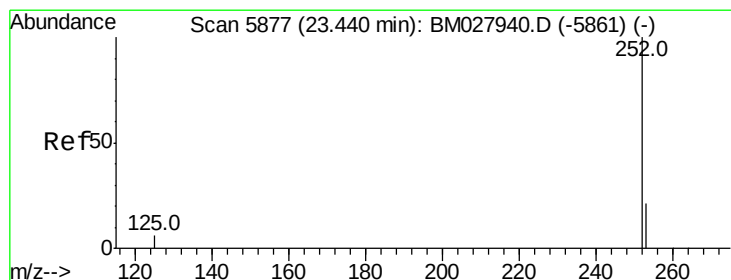
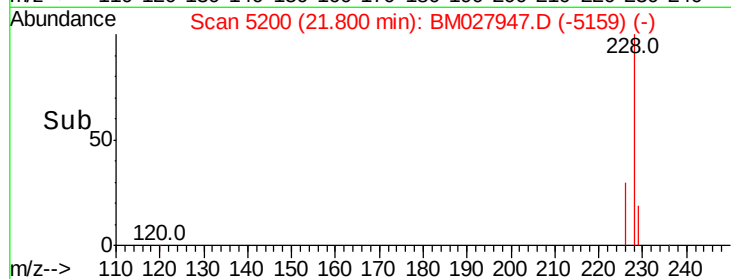
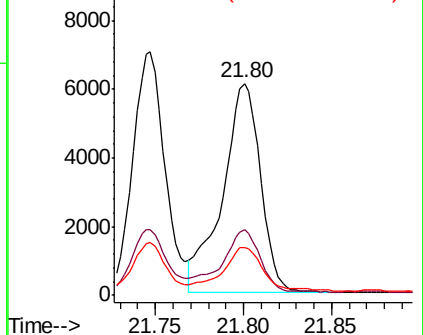
229 22.8 16.6 24.8



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: 1.960 ng/ul

RT: 23.45 min Scan# 5879

Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

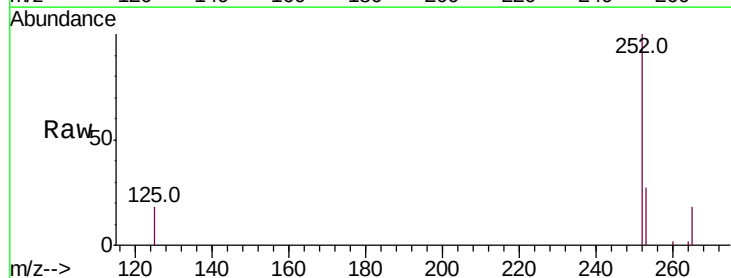
Tgt Ion:252 Resp: 14598

Ion Ratio Lower Upper

252 100

253 27.0 0.0 59.6

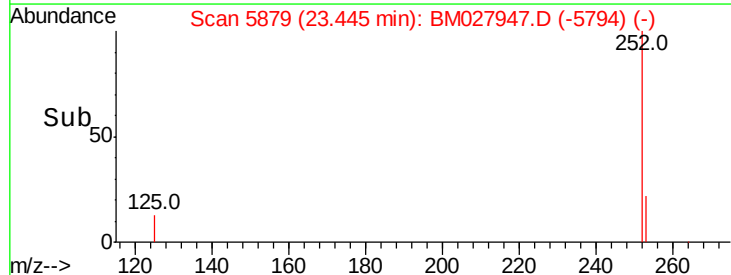
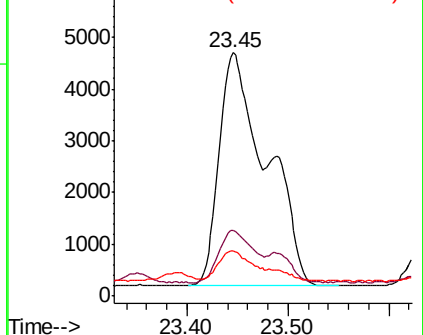
125 18.5 0.0 28.4

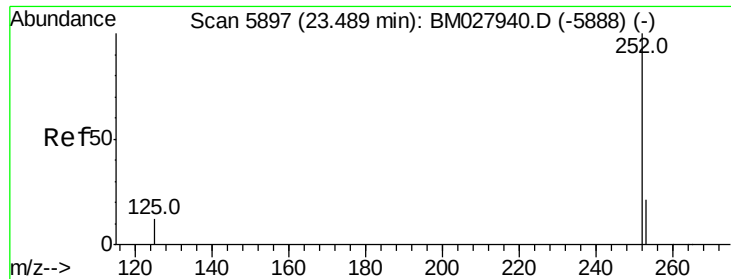


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.001 ng/ul

RT: 23.45 min Scan# 5879

Delta R.T. -0.04 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Instrument :

BNA_M

ClientSampleId :

C0B14

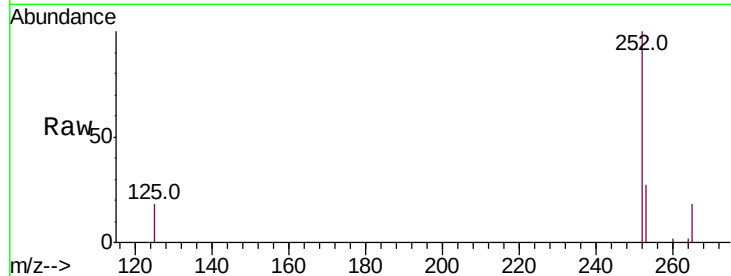
Tot Ion:252 Resp: 14595

Ion Ratio Lower Upper

252 100

253 27.0 23.2 34.8

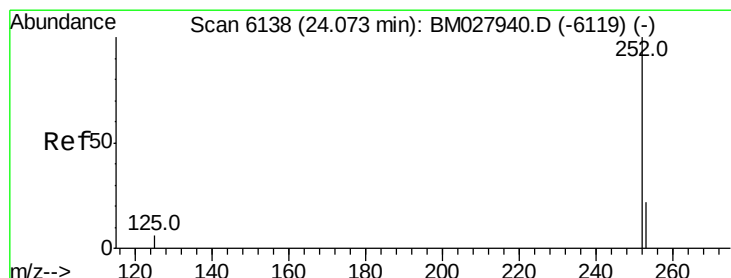
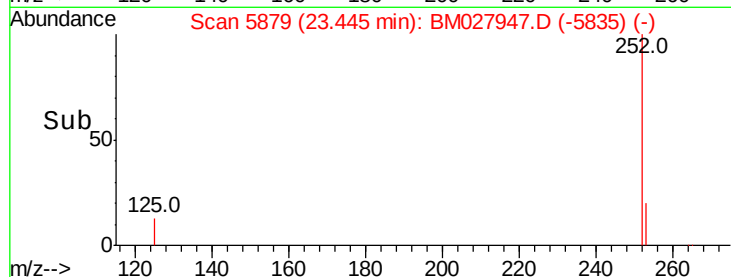
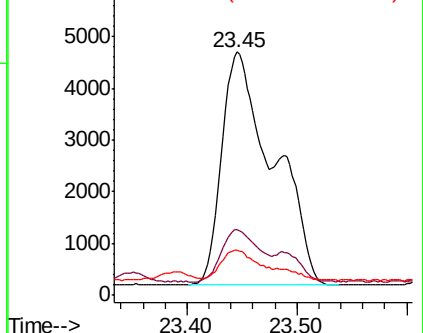
125 18.5 11.8 17.6#



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: 1.120 ng/ul

RT: 24.07 min Scan# 6138

Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

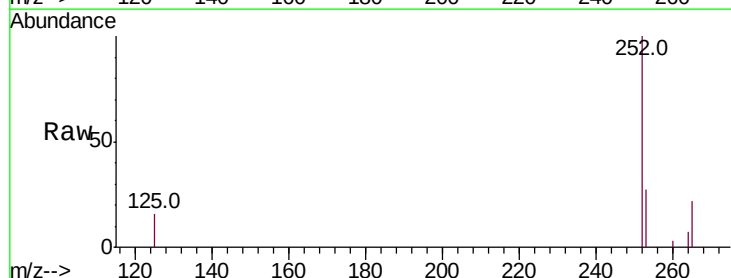
Tgt Ion:252 Resp: 7291

Ion Ratio Lower Upper

252 100

253 27.2 25.2 37.8

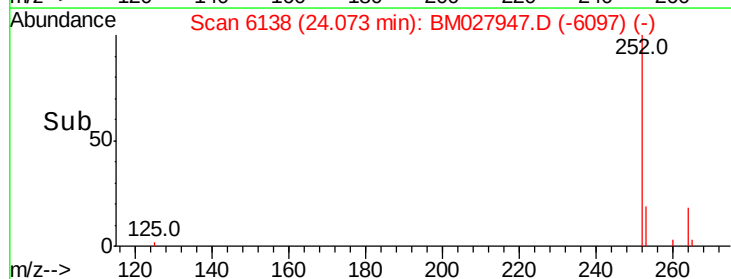
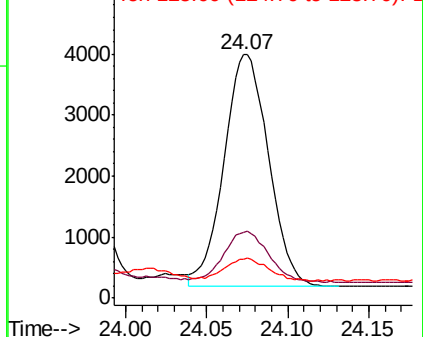
125 15.8 13.8 20.6

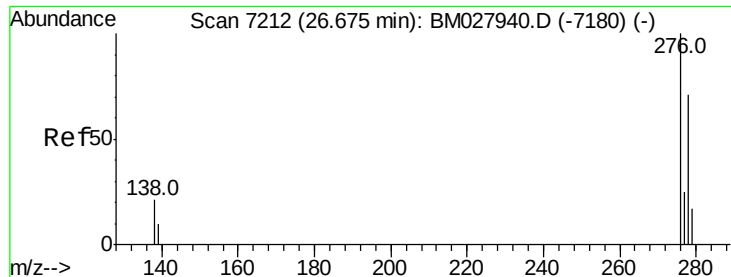


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



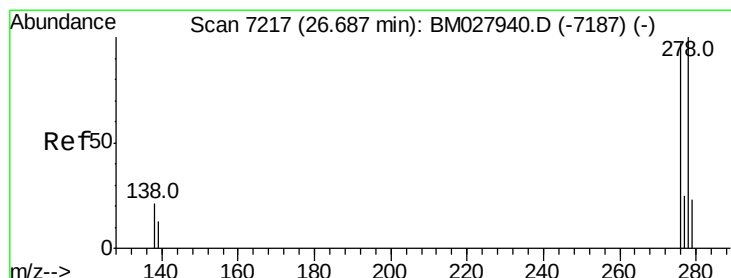
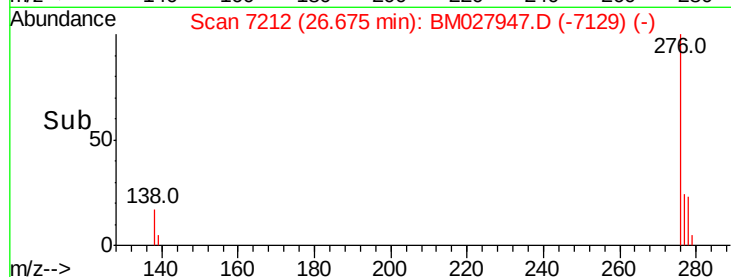
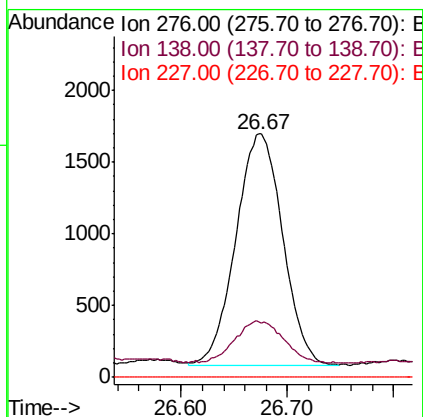
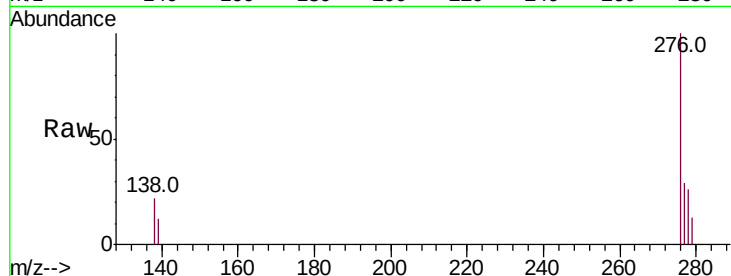


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.687 ng/ul
RT: 26.67 min Scan# 7212
Delta R.T. 0.00 min
Lab File: BM027947.D
Acq: 24 Nov 2020 17:44

Instrument :
BNA_M
ClientSampleId :
C0B14

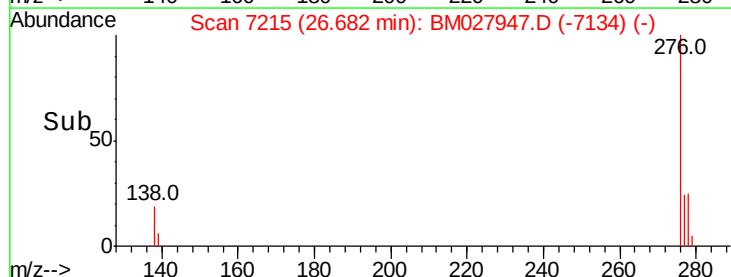
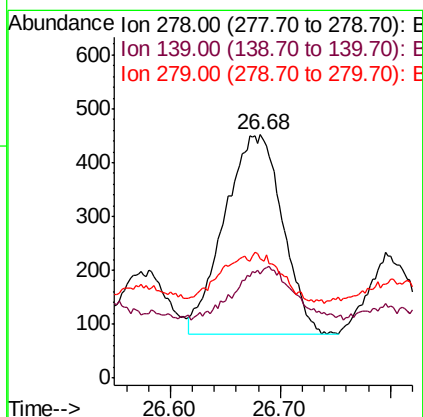
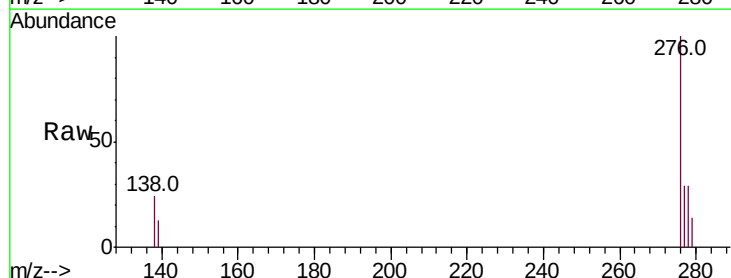
Tot Ion:276 Resp: 4844
Ion Ratio Lower Upper
276 100
138 18.7 15.7 23.5
227 0.0 0.0 0.0

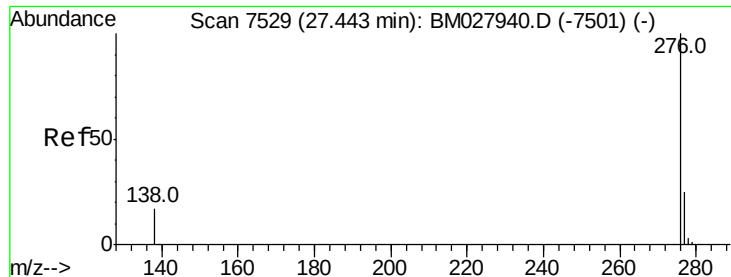


#25

Dibenzo(a,h)anthracene
Concen: 0.231 ng/ul
RT: 26.68 min Scan# 7215
Delta R.T. -0.00 min
Lab File: BM027947.D
Acq: 24 Nov 2020 17:44

Tgt Ion:278 Resp: 1354
Ion Ratio Lower Upper
278 100
139 42.9 14.8 22.2#
279 49.1 25.8 38.6#





#26

Benzo(a,h,i)perylene

Concen: 0.728 ng/ul

RT: 27.45 min Scan# 7530

Delta R.T. 0.00 min

Lab File: BM027947.D

Acq: 24 Nov 2020 17:44

Instrument :

BNA_M

ClientSampleId :

C0B14

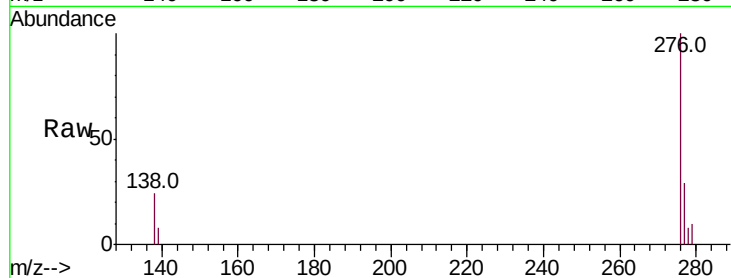
Tot Ion:276 Resp: 4307

Ion Ratio Lower Upper

276 100

138 23.6 17.4 26.2

277 28.9 22.5 33.7



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

