

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027946.D
 Acq On : 24 Nov 2020 17:08
 Operator : JU/CG
 Sample : L4749-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B22

Quant Time: Nov 25 00:49:44 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

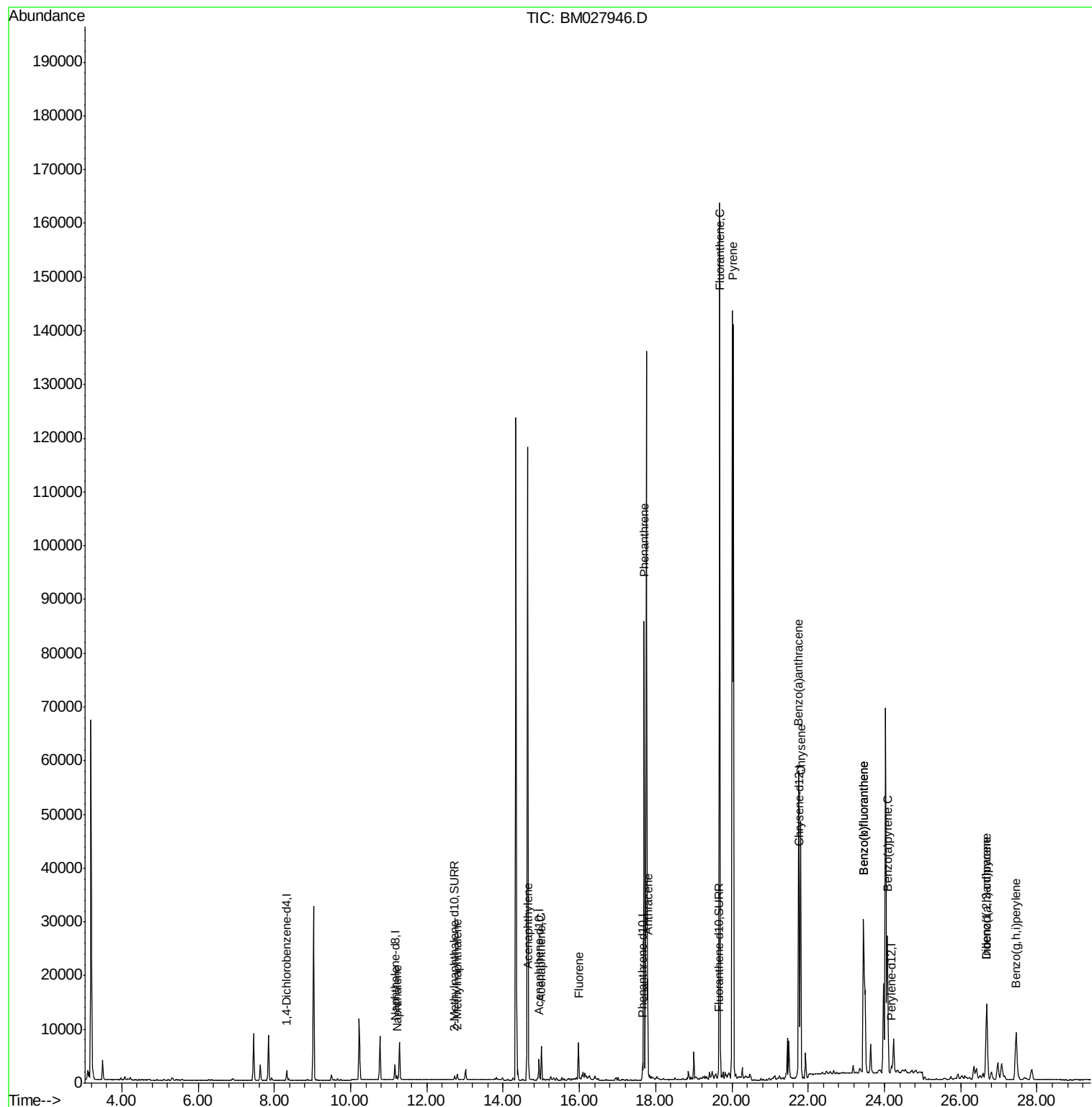
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	909	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3603	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2101	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3807	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2118	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	1926	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	856	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1418	0.14	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	990	0.092	ng/ul#	89
5) 2-Methylnaphthalene	12.79	142	742	0.101	ng/ul	99
7) Acenaphthylene	14.67	152	1942	0.189	ng/ul#	92
8) Acenaphthene	15.00	153	3587	0.467	ng/ul	99
9) Fluorene	15.98	166	4368	0.490	ng/ul	99
12) Phenanthrene	17.70	178	88501	7.359	ng/ul	97
13) Anthracene	17.79	178	18719	1.614	ng/ul	99
15) Fluoranthene	19.68	202	134087	10.056	ng/ul	99
17) Pyrene	20.03	202	114082	10.606	ng/ul	97
18) Benzo(a)anthracene	21.75	228	49896	5.839	ng/ul	100
19) Chrysene	21.80	228	46385	5.573	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	69639	8.603	ng/ul	89
22) Benzo(k)fluoranthene	23.45	252	69639	8.785	ng/ul#	90
23) Benzo(a)pyrene	24.08	252	37358	5.279	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.68	276	23595	3.079	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.68	278	6259	0.981	ng/ul	95
26) Benzo(a,h,i)perylene	27.45	276	20153	3.135	ng/ul	94

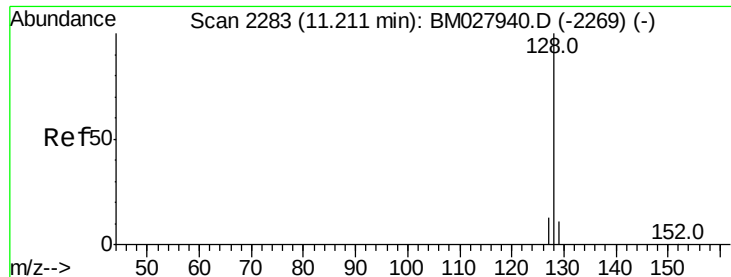
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.092 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BM027946.D

Acq: 24 Nov 2020 17:08

Instrument :

BNA_M

ClientSampleId :

C0B22

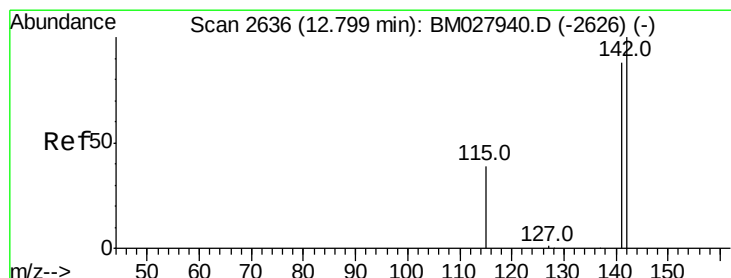
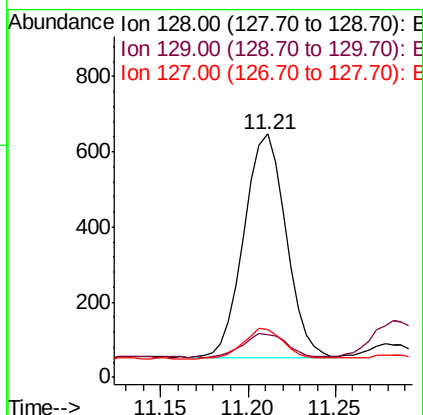
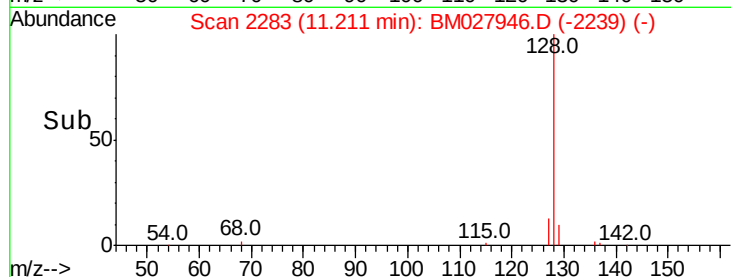
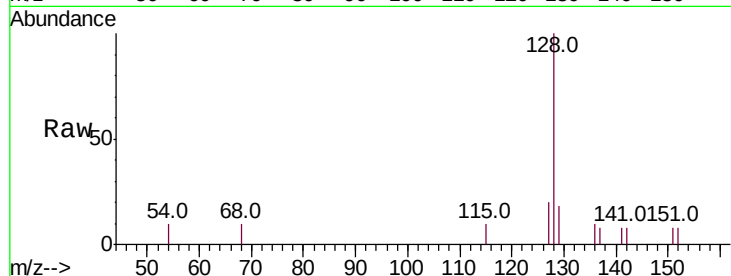
Tot Ion:128 Resp: 990

Ion Ratio Lower Upper

128 100

129 17.6 10.4 15.6#

127 19.8 12.0 18.0#



#5

2-Methylnaphthalene

Concen: 0.101 ng/ul

RT: 12.79 min Scan# 2635

Delta R.T. -0.00 min

Lab File: BM027946.D

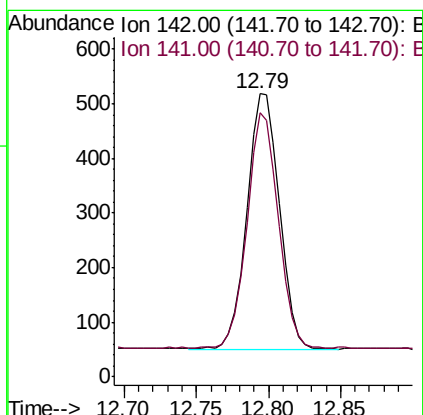
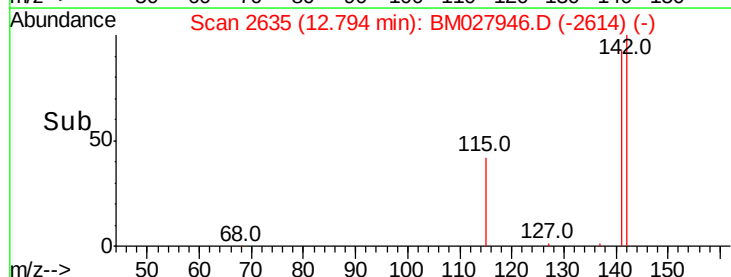
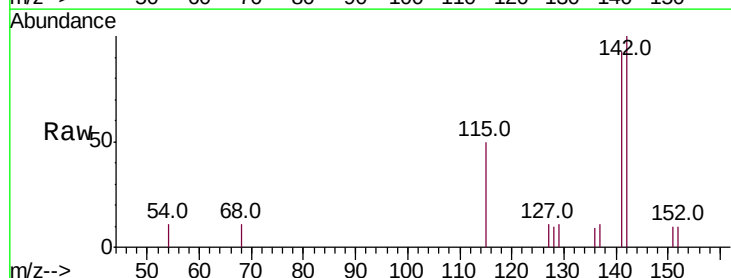
Acq: 24 Nov 2020 17:08

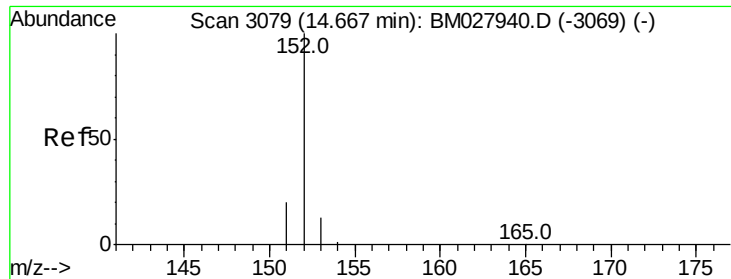
Tgt Ion:142 Resp: 742

Ion Ratio Lower Upper

142 100

141 88.7 71.6 107.4





#7

Acenaphthylene

Concen: 0.189 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM027946.D

Acq: 24 Nov 2020 17:08

Instrument :

BNA_M

ClientSampleId :

C0B22

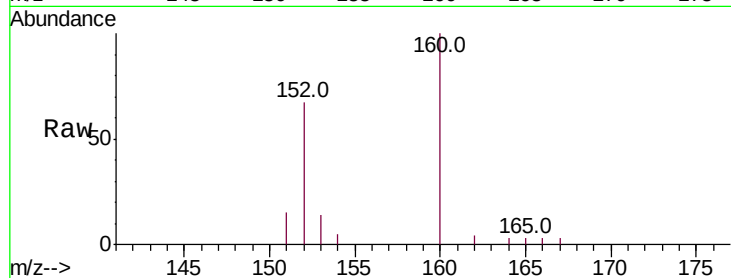
Tot Ion:152 Resp: 1942

Ion Ratio Lower Upper

152 100

151 22.9 17.1 25.7

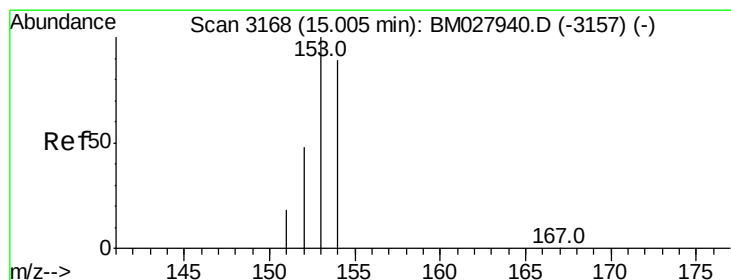
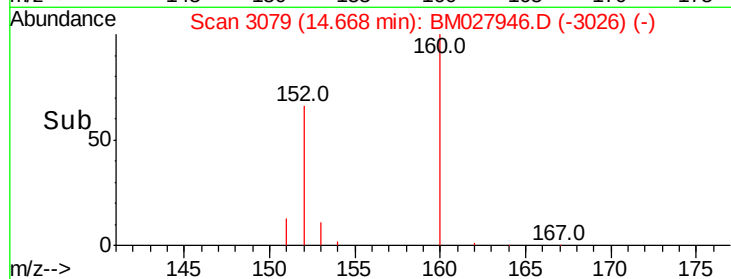
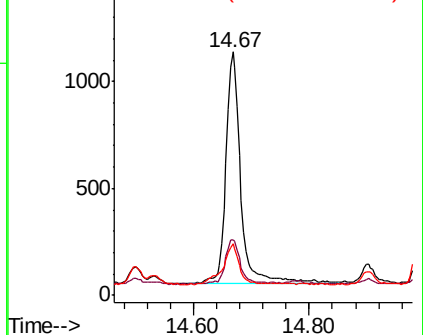
153 21.2 12.0 18.0#



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



#8

Acenaphthene

Concen: 0.467 ng/ul

RT: 15.00 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BM027946.D

Acq: 24 Nov 2020 17:08

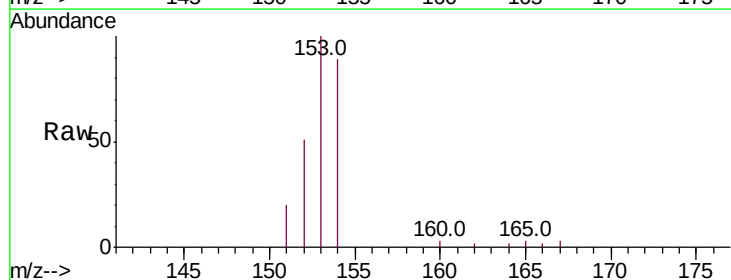
Tgt Ion:153 Resp: 3587

Ion Ratio Lower Upper

153 100

152 50.8 39.0 58.6

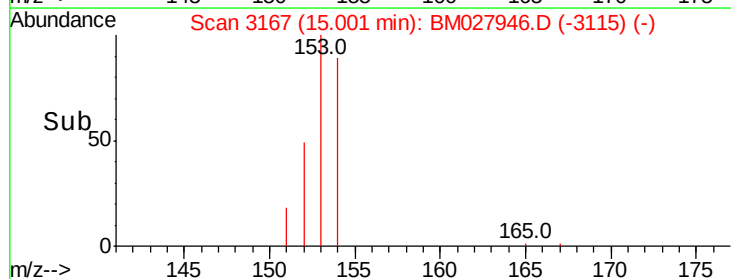
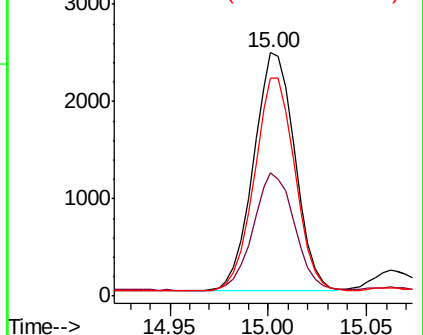
154 89.3 71.6 107.4

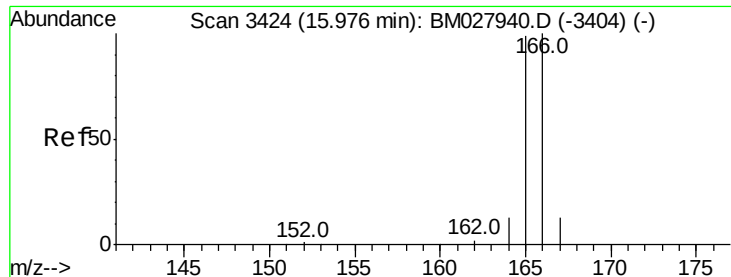


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.490 ng/ul

RT: 15.98 min Scan# 3424

Delta R.T. 0.00 min

Lab File: BM027946.D

Acq: 24 Nov 2020 17:08

Instrument :

BNA_M

ClientSampleId :

C0B22

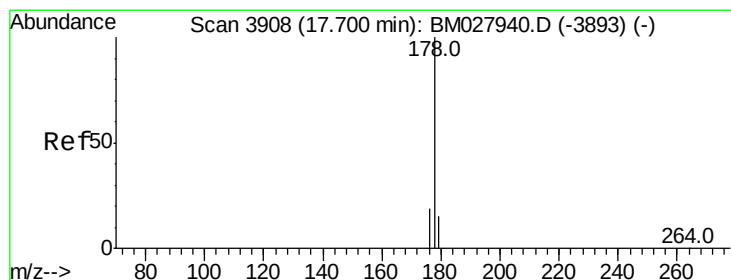
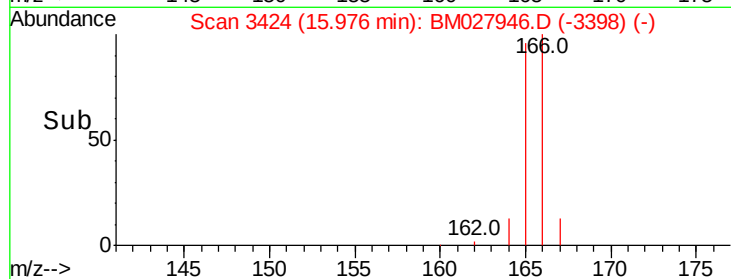
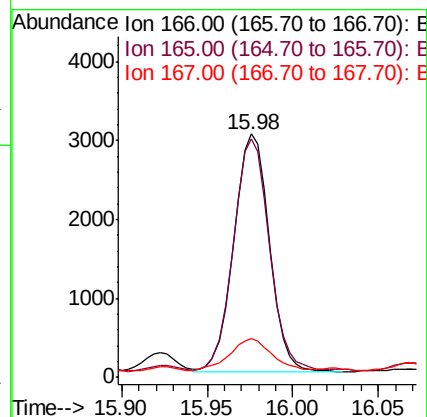
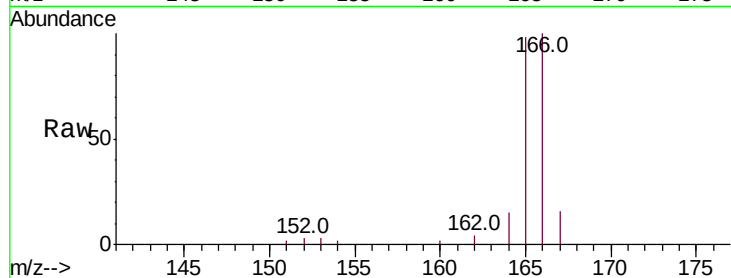
Tot Ion:166 Resp: 4368

Ion Ratio Lower Upper

166 100

165 98.1 78.1 117.1

167 15.9 11.8 17.8



#12

Phenanthrene

Concen: 7.359 ng/ul

RT: 17.70 min Scan# 3907

Delta R.T. -0.00 min

Lab File: BM027946.D

Acq: 24 Nov 2020 17:08

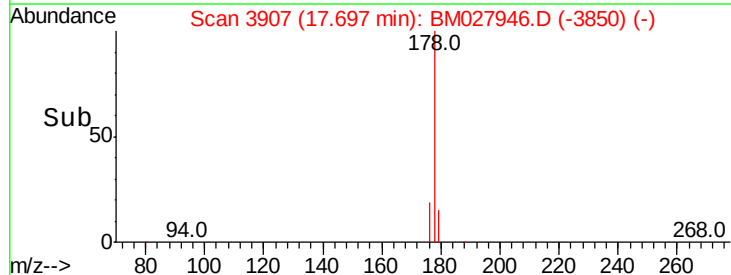
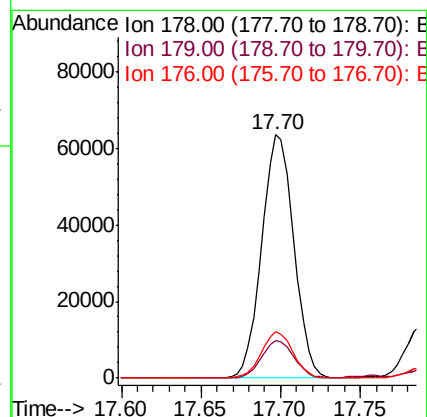
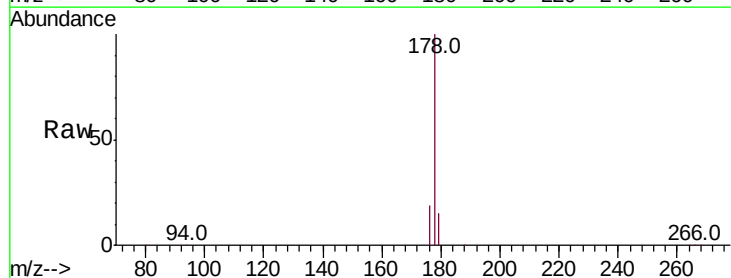
Tgt Ion:178 Resp: 88501

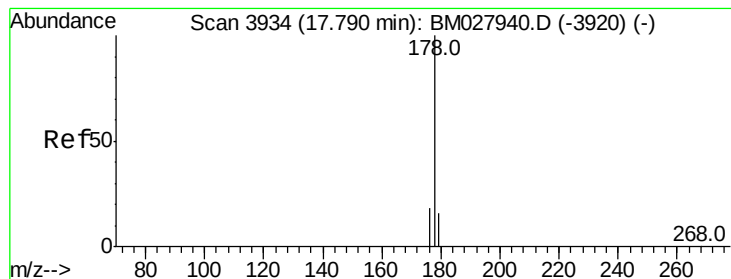
Ion Ratio Lower Upper

178 100

179 15.5 13.6 20.4

176 19.0 16.1 24.1





#13

Anthracene

Concen: 1.614 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027946.D

Acq: 24 Nov 2020 17:08

Instrument :

BNA_M

ClientSampleId :

C0B22

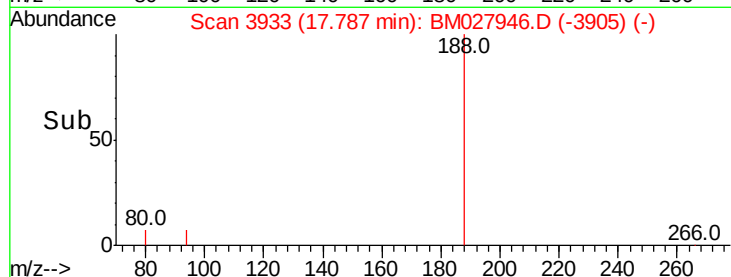
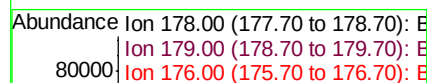
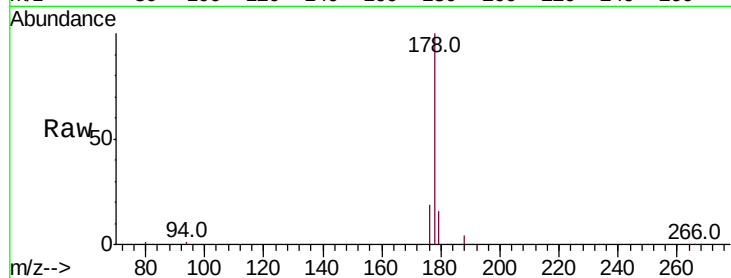
Tot Ion:178 Resp: 18719

Ion Ratio Lower Upper

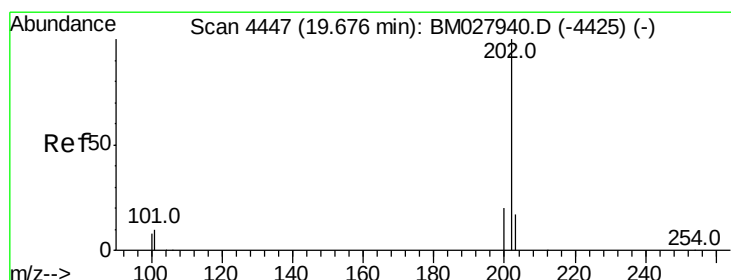
178 100

179 15.9 13.4 20.2

176 18.7 15.0 22.6



Time-->



#15

Fluoranthene

Concen: 10.056 ng/ul

RT: 19.68 min Scan# 4447

Delta R.T. 0.00 min

Lab File: BM027946.D

Acq: 24 Nov 2020 17:08

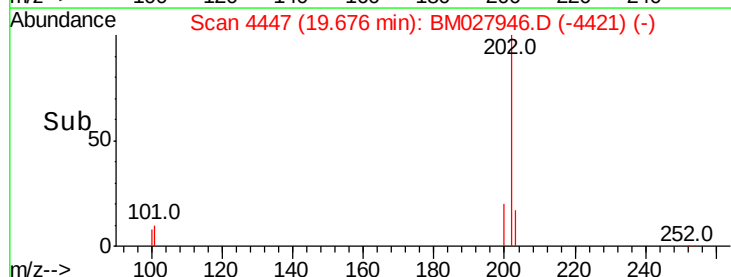
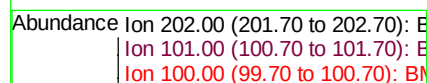
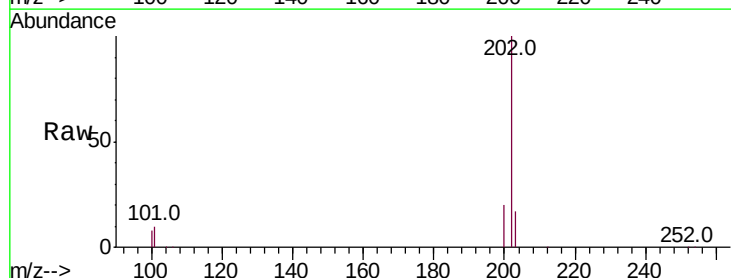
Tgt Ion:202 Resp: 134087

Ion Ratio Lower Upper

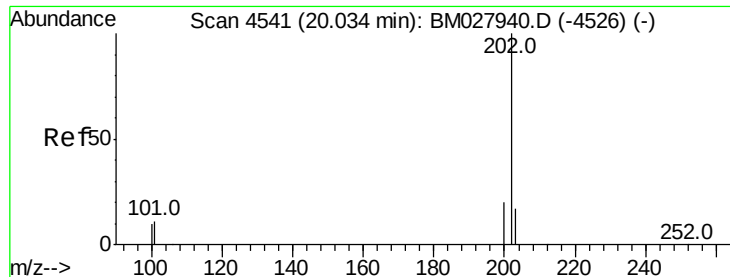
202 100

101 9.9 0.0 29.3

100 7.7 0.0 27.4



Time-->



#17

Pvrene

Concen: 10.606 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. 0.00 min

Lab File: BM027946.D

Acq: 24 Nov 2020 17:08

Instrument :

BNA_M

ClientSampleId :

C0B22

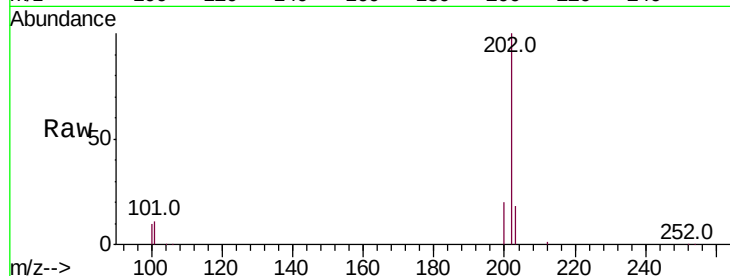
Tot Ion:202 Resp: 114082

Ion Ratio Lower Upper

202 100

101 11.4 8.2 12.2

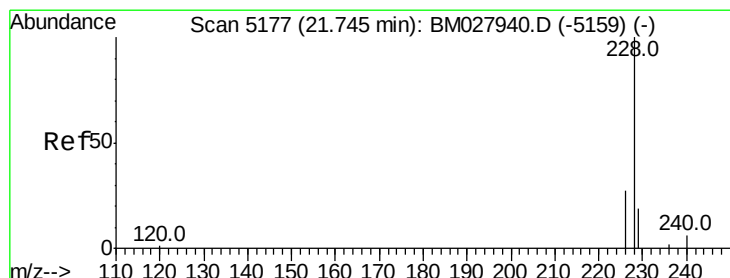
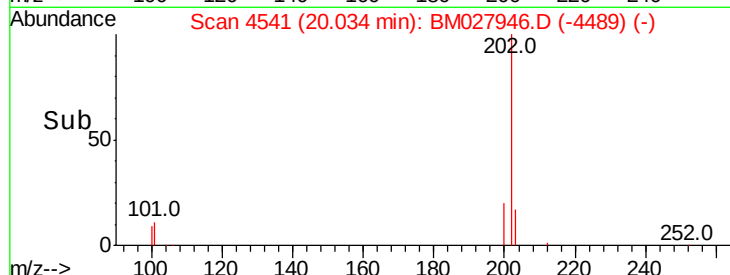
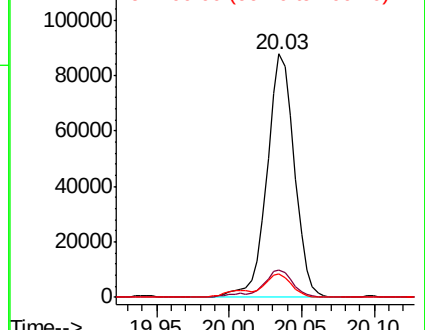
100 9.5 6.9 10.3



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: 5.839 ng/ul

RT: 21.75 min Scan# 5178

Delta R.T. 0.00 min

Lab File: BM027946.D

Acq: 24 Nov 2020 17:08

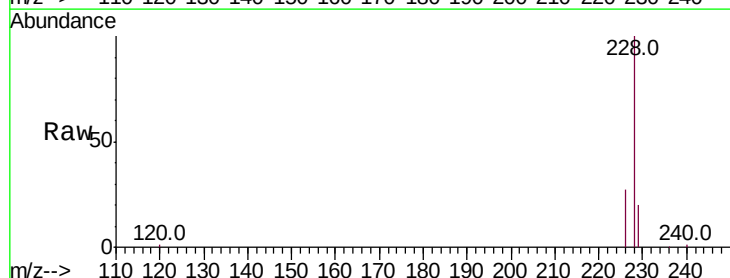
Tgt Ion:228 Resp: 49896

Ion Ratio Lower Upper

228 100

229 20.1 16.2 24.4

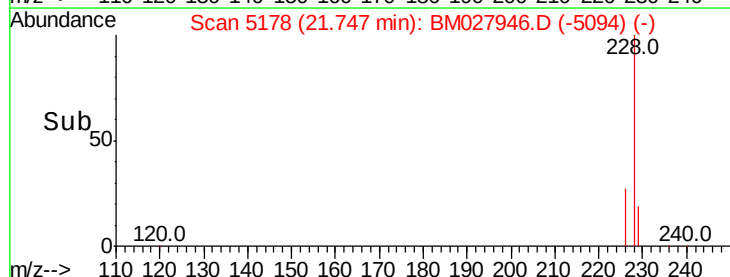
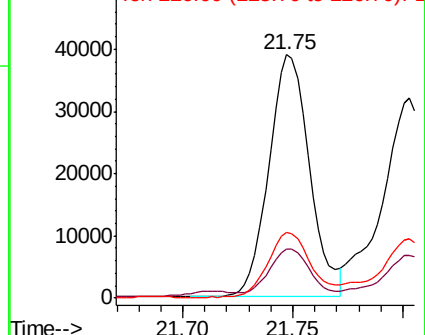
226 26.9 21.5 32.3

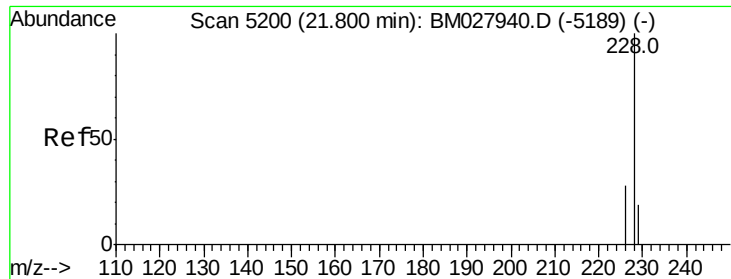


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 5.573 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. 0.00 min

Lab File: BM027946.D

Acq: 24 Nov 2020 17:08

Instrument :

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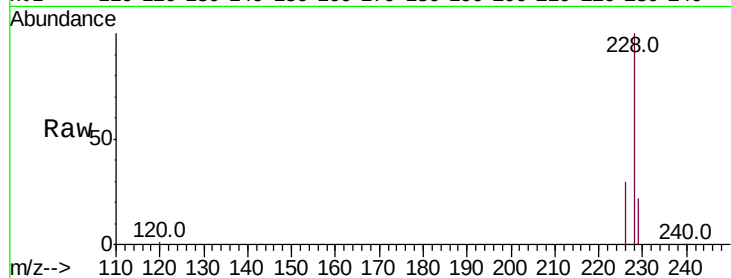
Tot Ion:228 Resp: 46385

Ion Ratio Lower Upper

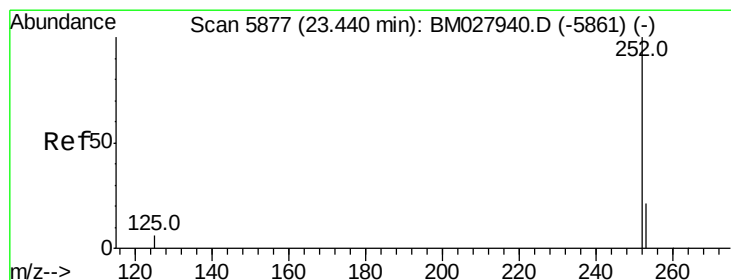
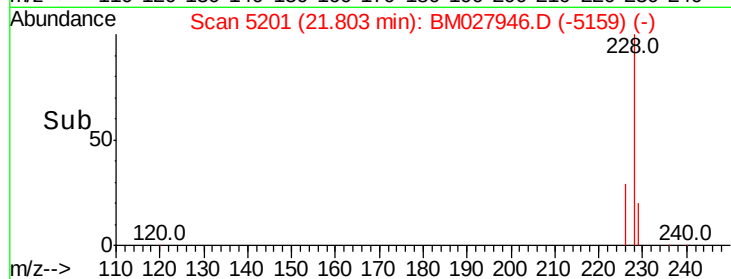
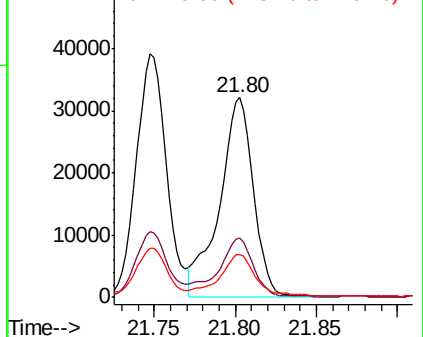
228 100

226 29.5 24.1 36.1

229 21.6 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: 8.603 ng/ul

RT: 23.45 min Scan# 5881

Delta R.T. 0.01 min

Lab File: BM027946.D

Acq: 24 Nov 2020 17:08

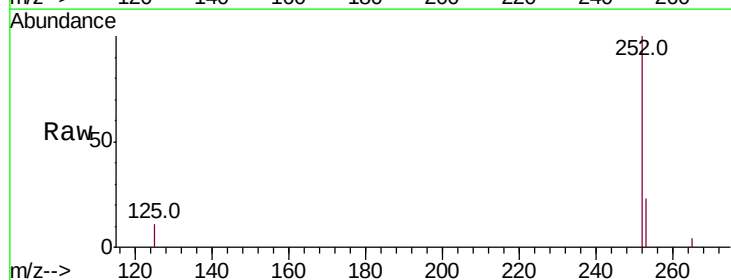
Tgt Ion:252 Resp: 69639

Ion Ratio Lower Upper

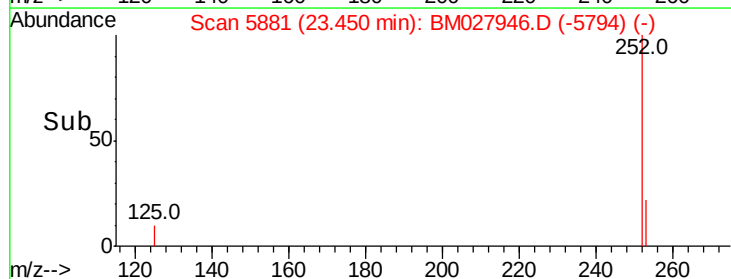
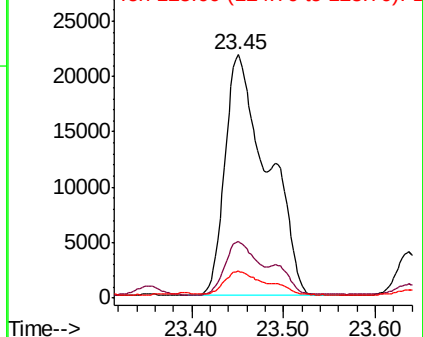
252 100

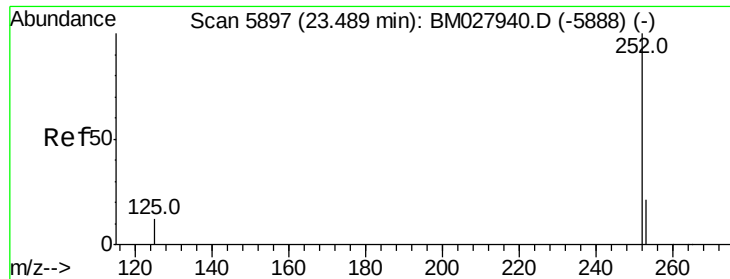
253 23.2 0.0 59.6

125 11.0 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: 8.785 ng/ul

RT: 23.45 min Scan# 5881

Delta R.T. -0.04 min

Lab File: BM027946.D

Acq: 24 Nov 2020 17:08

Instrument :

BNA_M

ClientSampleId :

C0B22

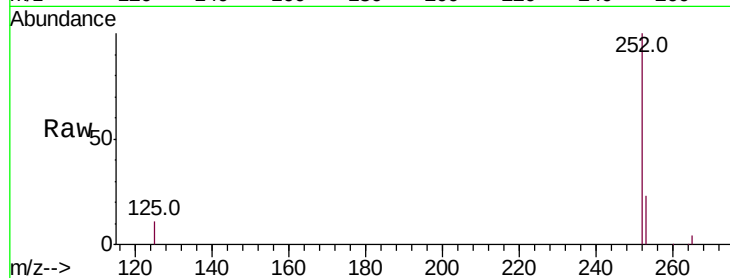
Tot Ion:252 Resp: 69639

Ion Ratio Lower Upper

252 100

253 23.2 23.2 34.8

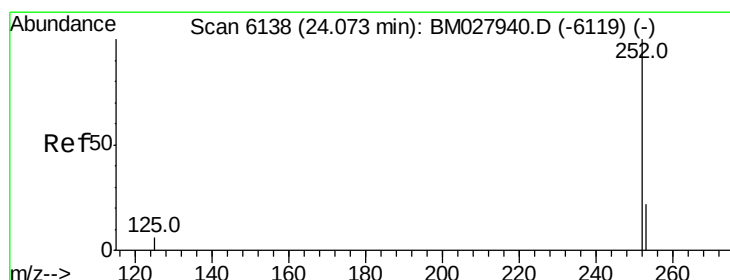
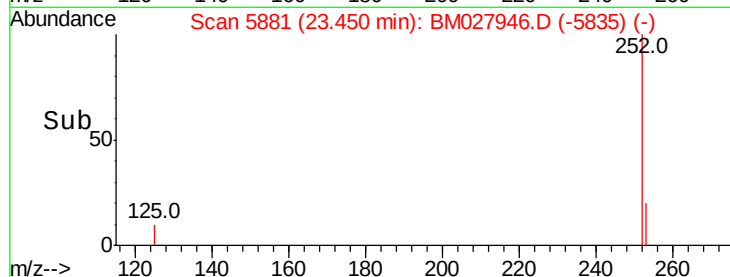
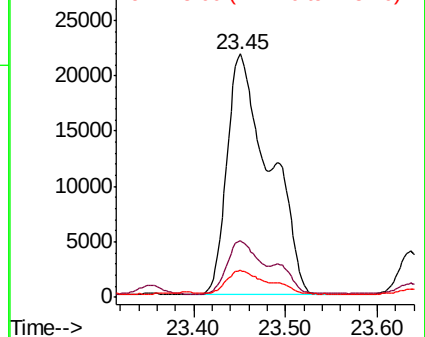
125 11.0 11.8 17.6#



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: 5.279 ng/ul

RT: 24.08 min Scan# 6140

Delta R.T. 0.00 min

Lab File: BM027946.D

Acq: 24 Nov 2020 17:08

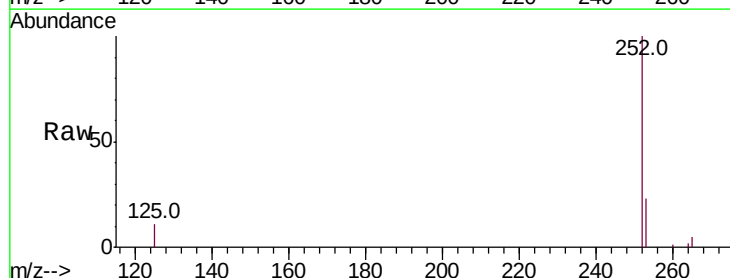
Tgt Ion:252 Resp: 37358

Ion Ratio Lower Upper

252 100

253 22.9 25.2 37.8#

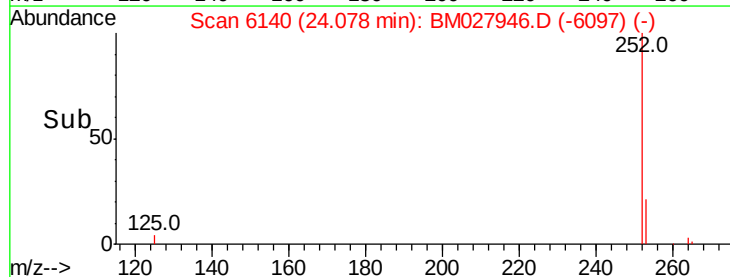
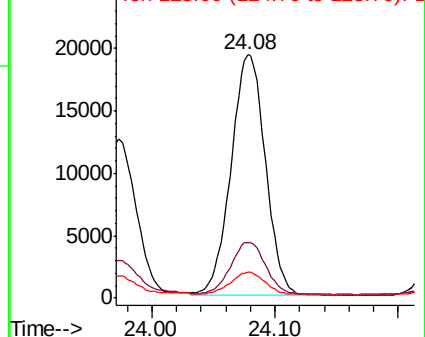
125 10.6 13.8 20.6#

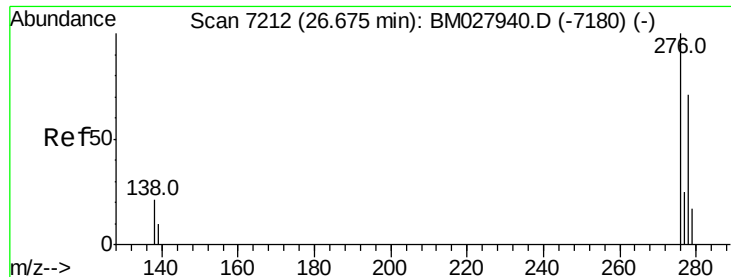


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



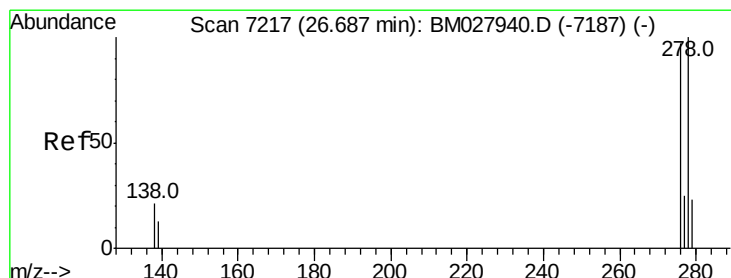
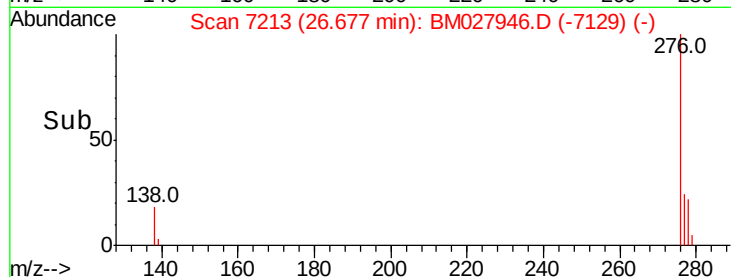
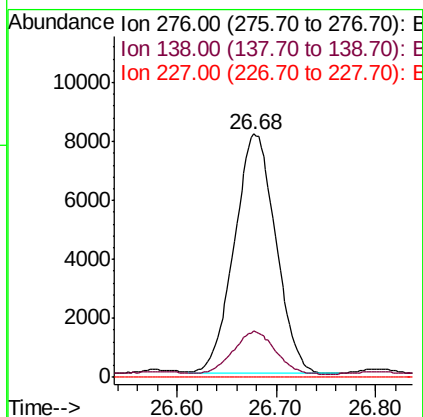
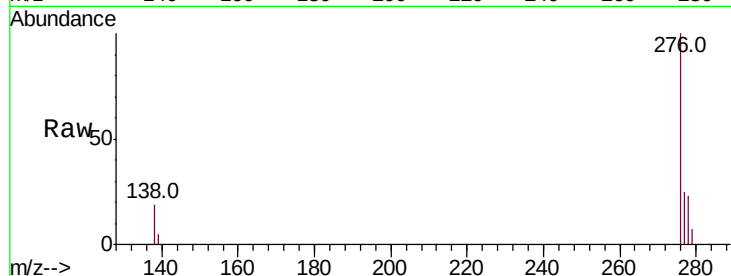


#24

Indeno(1,2,3-cd)pyrene
Concen: 3.079 ng/ul
RT: 26.68 min Scan# 7213
Delta R.T. 0.00 min
Lab File: BM027946.D
Acq: 24 Nov 2020 17:08

Instrument :
BNA_M
ClientSampleId :
C0B22

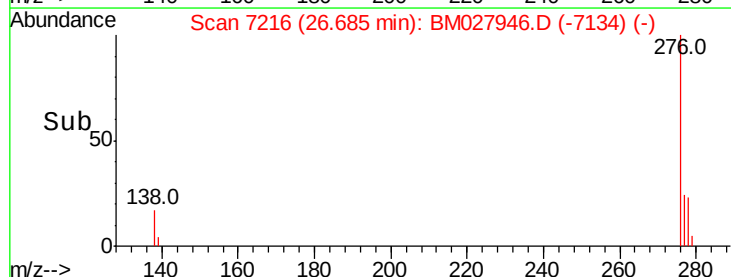
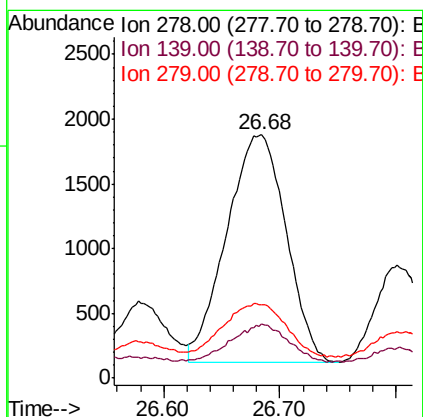
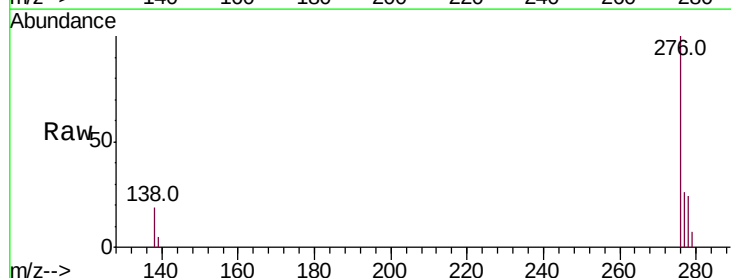
Tot Ion:276 Resp: 23595
Ion Ratio Lower Upper
276 100
138 18.2 15.7 23.5
227 0.0 0.0 0.0

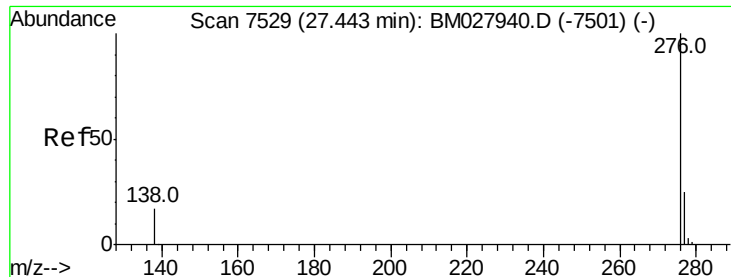


#25

Dibenzo(a,h)anthracene
Concen: 0.981 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027946.D
Acq: 24 Nov 2020 17:08

Tgt Ion:278 Resp: 6259
Ion Ratio Lower Upper
278 100
139 22.1 14.8 22.2
279 30.0 25.8 38.6





#26

Benzo(a,h,i)perylene

Concen: 3.135 ng/ul

RT: 27.45 min Scan# 7532

Delta R.T. 0.01 min

Lab File: BM027946.D

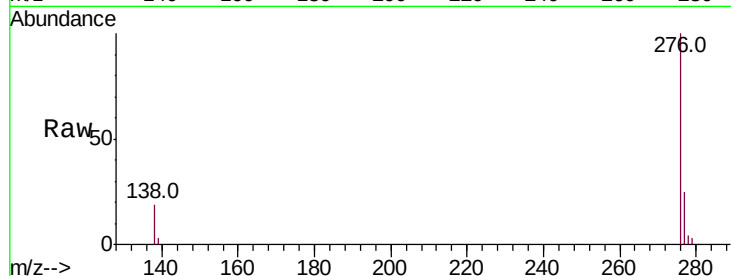
Acq: 24 Nov 2020 17:08

Instrument :

BNA_M

ClientSampleId :

C0B22



Tot Ion:276 Resp: 20153

Ion Ratio Lower Upper

276 100

138 19.2 17.4 26.2

277 24.7 22.5 33.7

