

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027931.D
 Acq On : 24 Nov 2020 01:52
 Operator : JU/CG
 Sample : L4711-20DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B05DL

Quant Time: Nov 24 03:03:04 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 00:42:23 2020
 Response via : Initial Calibration

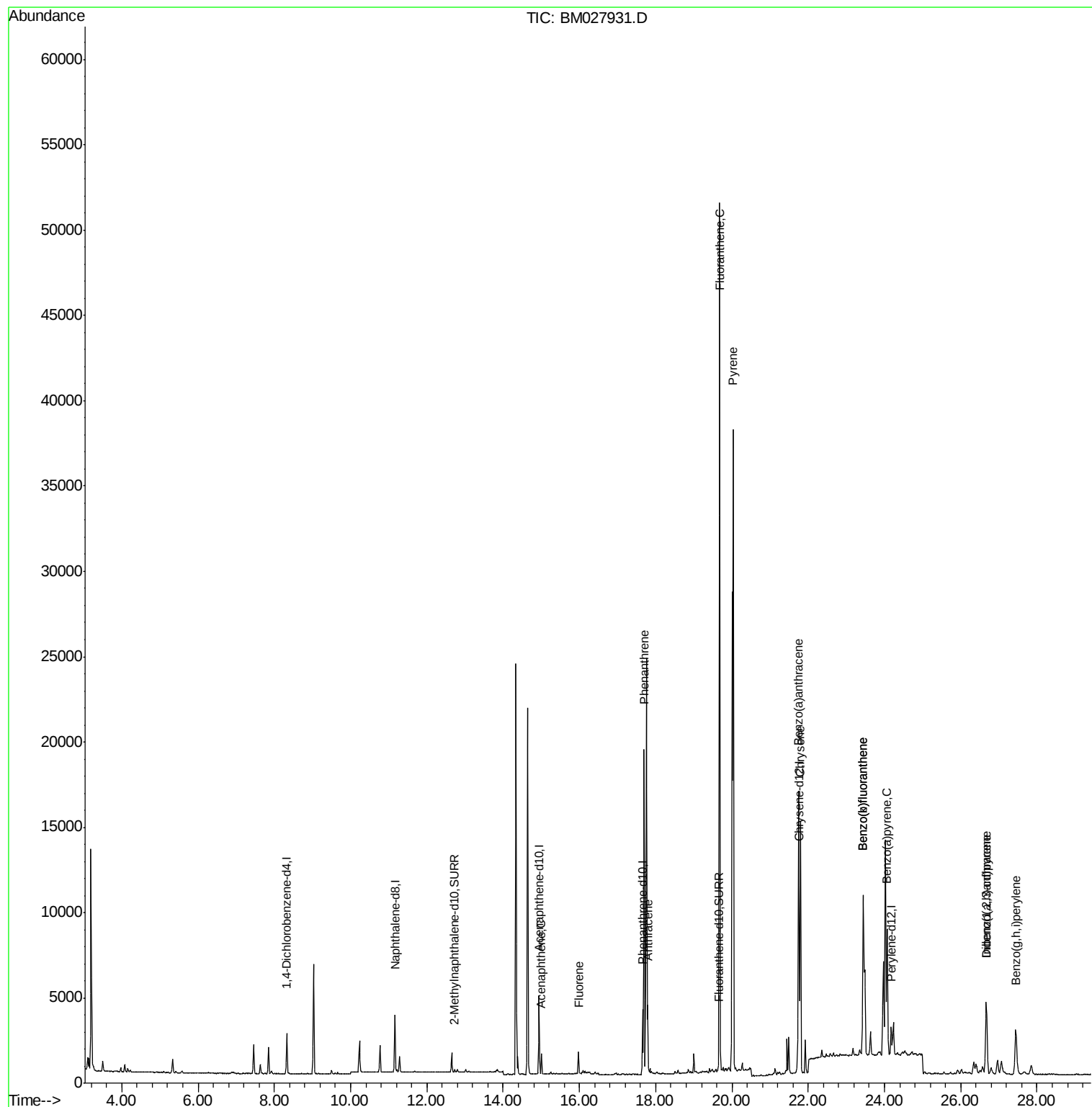
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1169	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4538	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2493	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4448	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2478	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2291	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	186	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	300	0.03	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	15.00	153	683	0.075	ng/ul	94
9) Fluorene	15.98	166	828	0.078	ng/ul#	96
12) Phenanthrene	17.70	178	19564	1.392	ng/ul	97
13) Anthracene	17.79	178	4028	0.297	ng/ul	98
15) Fluoranthene	19.68	202	41028	2.633	ng/ul	100
17) Pyrene	20.03	202	32118	2.552	ng/ul	99
18) Benzo(a)anthracene	21.74	228	14148	1.415	ng/ul	100
19) Chrysene	21.80	228	14788	1.519	ng/ul	98
21) Benzo(b)fluoranthene	23.44	252	22424	2.329	ng/ul	93
22) Benzo(k)fluoranthene	23.44	252	22404	2.376	ng/ul	94
23) Benzo(a)pyrene	24.07	252	10926	1.298	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.67	276	7164	0.786	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	1871	0.247	ng/ul#	83
26) Benzo(g,h,i)perylene	27.44	276	6018	0.787	ng/ul	99

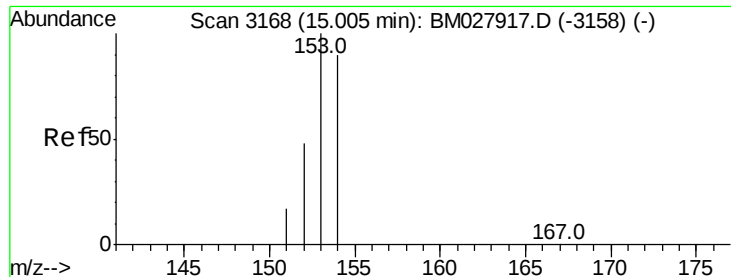
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 00:42:23 2020
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.075 ng/ul

RT: 15.00 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Instrument :

BNA_M

ClientSampleId :

C0B05DL

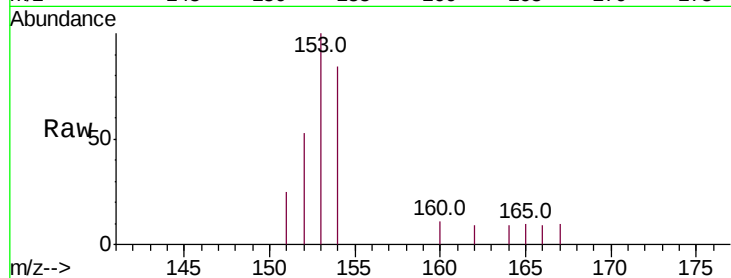
Tot Ion:153 Resp: 683

Ion Ratio Lower Upper

153 100

152 52.9 39.0 58.6

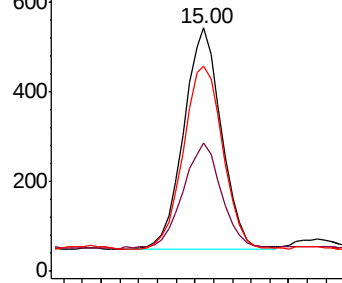
154 84.2 71.6 107.4



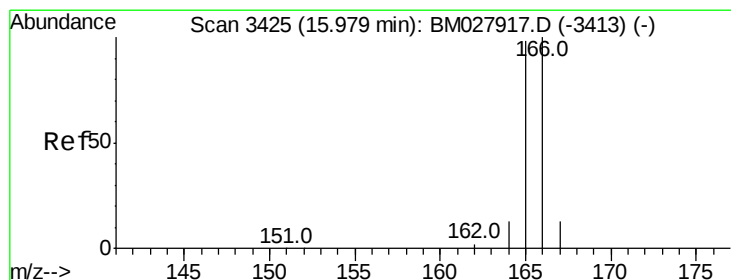
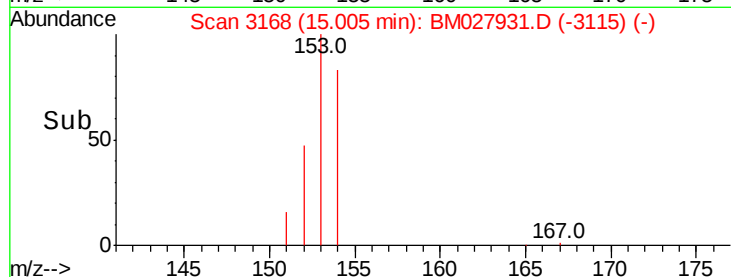
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.078 ng/ul

RT: 15.98 min Scan# 3424

Delta R.T. -0.00 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

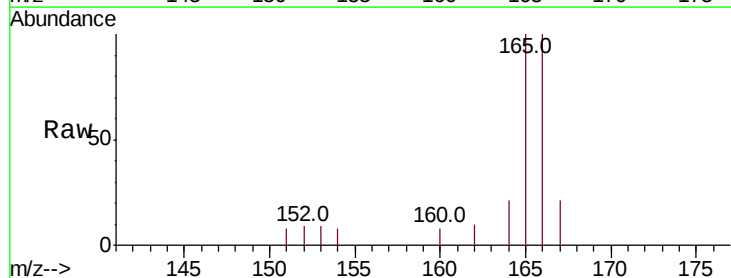
Tgt Ion:166 Resp: 828

Ion Ratio Lower Upper

166 100

165 100.2 78.1 117.1

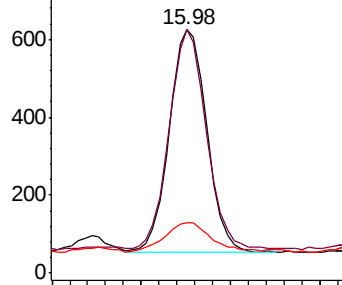
167 20.8 11.8 17.8#



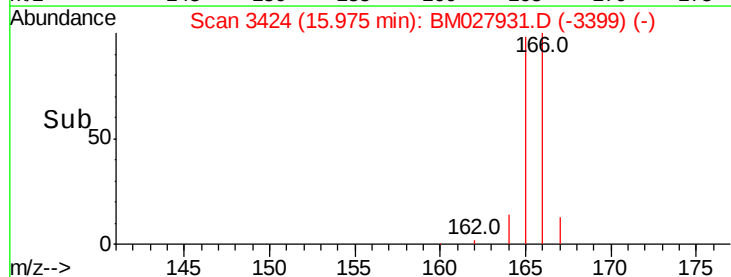
Abundance Ion 166.00 (165.70 to 166.70): E

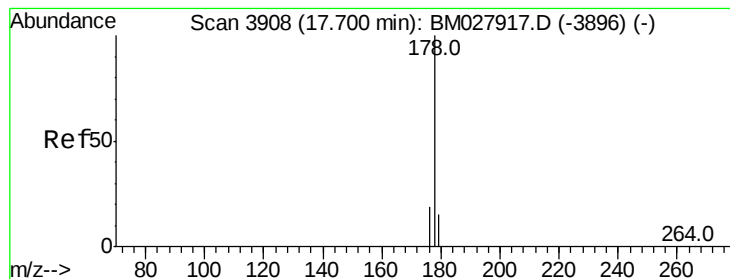
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 1.392 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. -0.00 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Instrument :

BNA_M

ClientSampleId :

C0B05DL

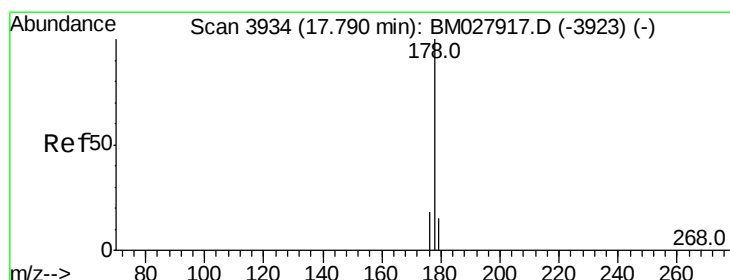
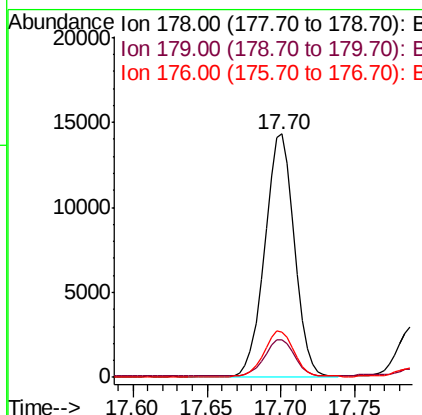
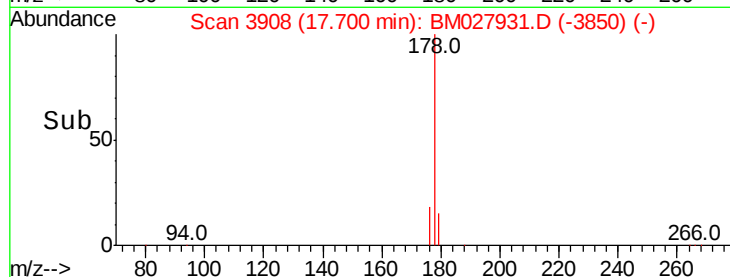
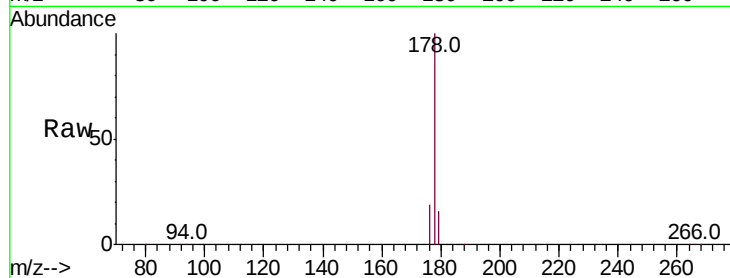
Tot Ion:178 Resp: 19564

Ion Ratio Lower Upper

178 100

179 15.7 13.6 20.4

176 18.7 16.1 24.1



#13

Anthracene

Concen: 0.297 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

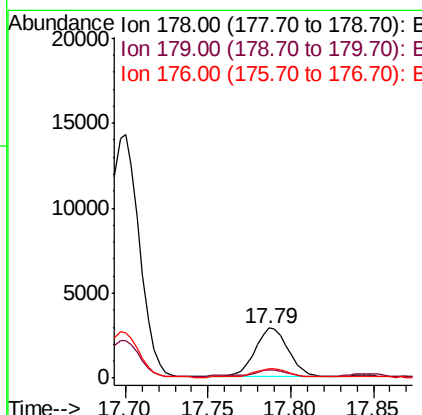
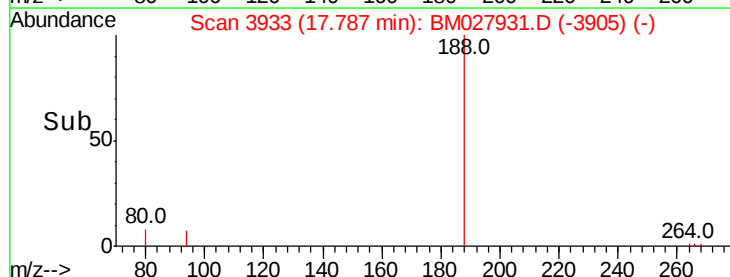
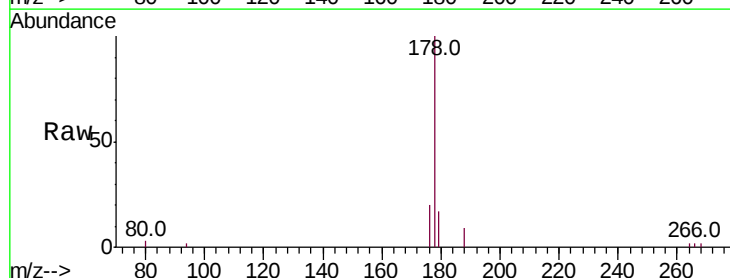
Tgt Ion:178 Resp: 4028

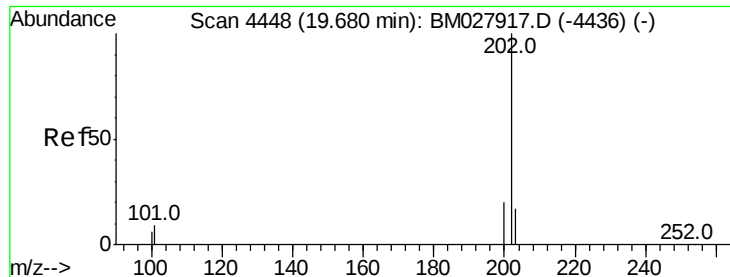
Ion Ratio Lower Upper

178 100

179 17.4 13.4 20.2

176 19.6 15.0 22.6





#15

Fluoranthene

Concen: 2.633 ng/ul

RT: 19.68 min Scan# 4447

Delta R.T. -0.00 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Instrument :

BNA_M

ClientSampleId :

C0B05DL

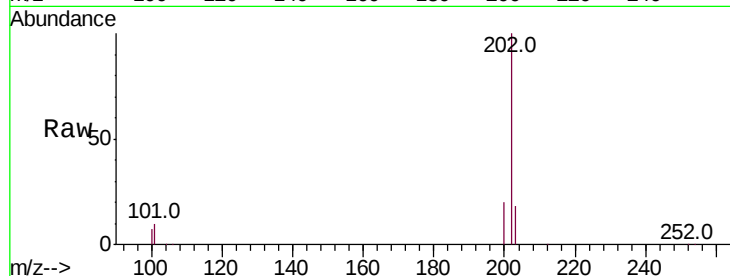
Tot Ion:202 Resp: 41028

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.3

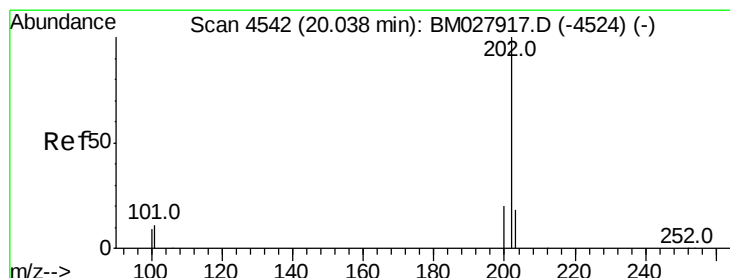
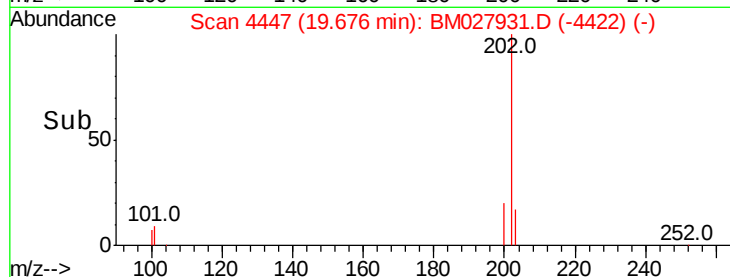
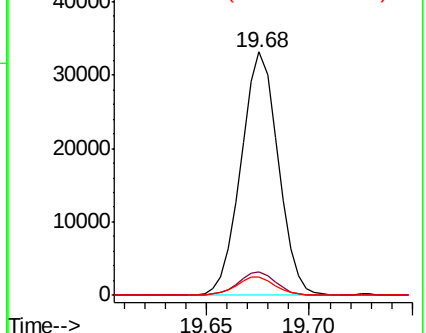
100 7.4 0.0 27.4



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: 2.552 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. -0.00 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

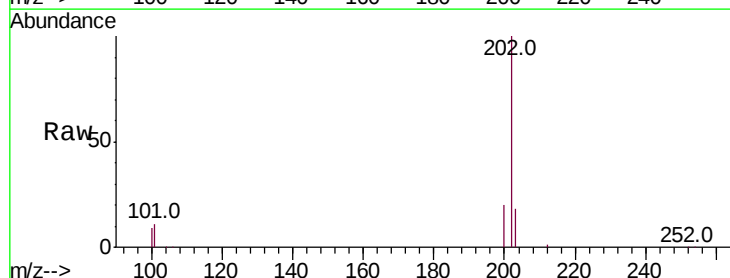
Tgt Ion:202 Resp: 32118

Ion Ratio Lower Upper

202 100

101 10.9 8.2 12.2

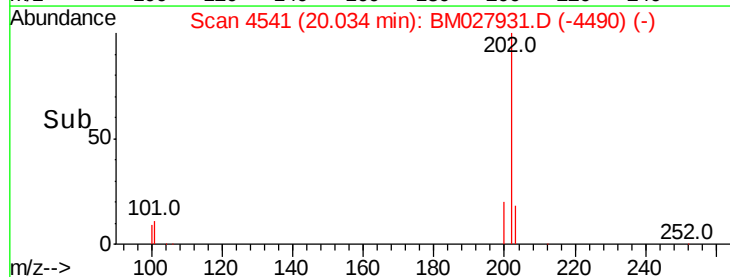
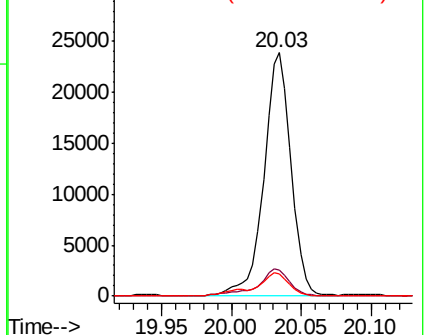
100 8.9 6.9 10.3

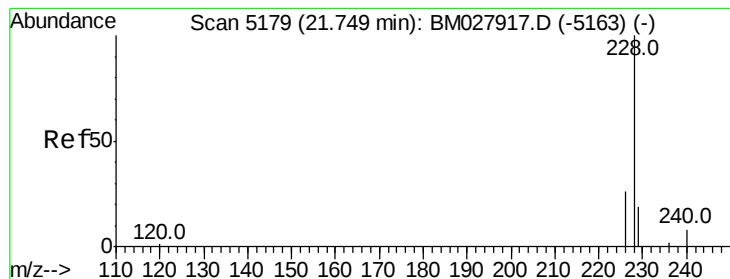


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 1.415 ng/ul

RT: 21.74 min Scan# 5176

Delta R.T. -0.01 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Instrument :

BNA_M

ClientSampleId :

C0B05DL

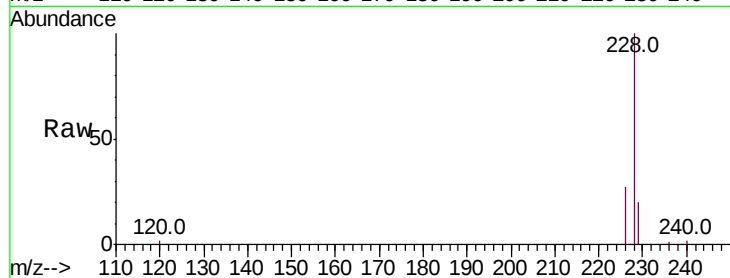
Tot Ion:228 Resp: 14148

Ion Ratio Lower Upper

228 100

229 20.4 16.2 24.4

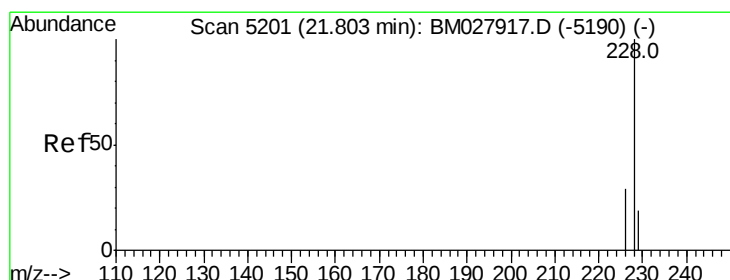
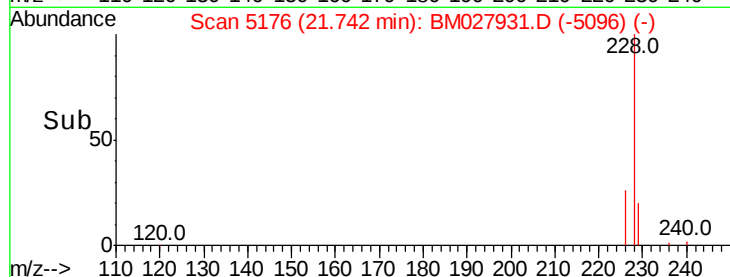
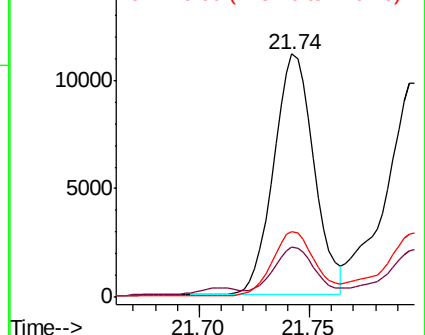
226 26.9 21.5 32.3



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: 1.519 ng/ul

RT: 21.80 min Scan# 5199

Delta R.T. -0.00 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

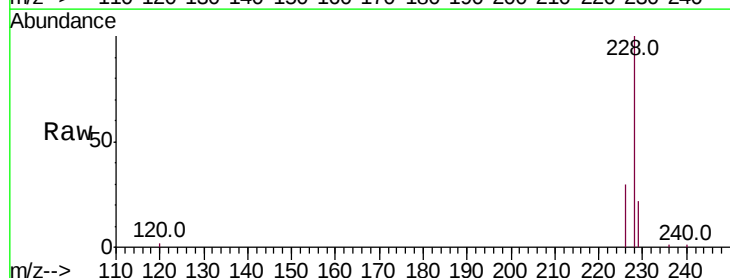
Tgt Ion:228 Resp: 14788

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

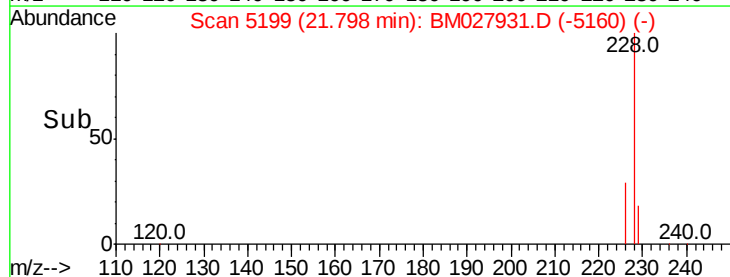
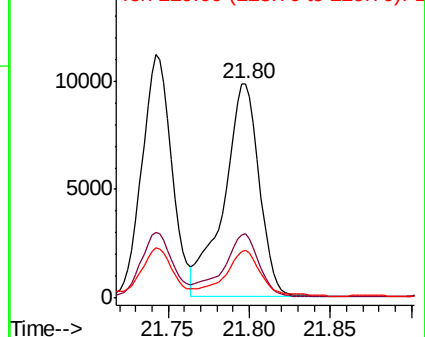
229 22.1 16.6 24.8

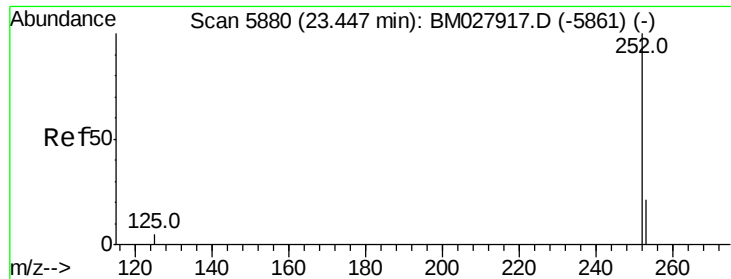


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 2.329 ng/ul

RT: 23.44 min Scan# 5877

Delta R.T. -0.01 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Instrument :

BNA_M

ClientSampleId :

C0B05DL

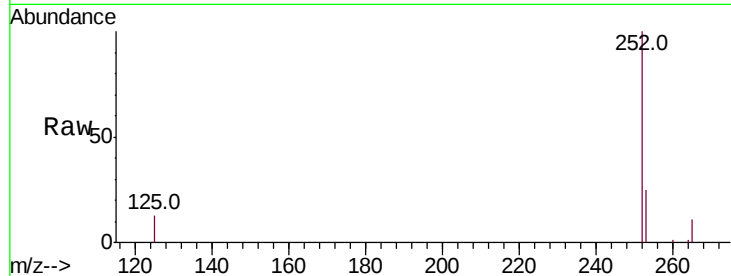
Tot Ion:252 Resp: 22424

Ion Ratio Lower Upper

252 100

253 25.2 0.0 59.6

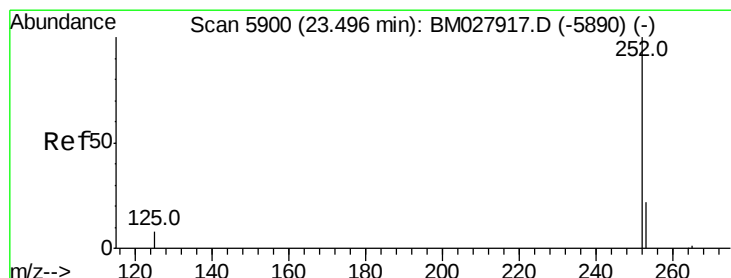
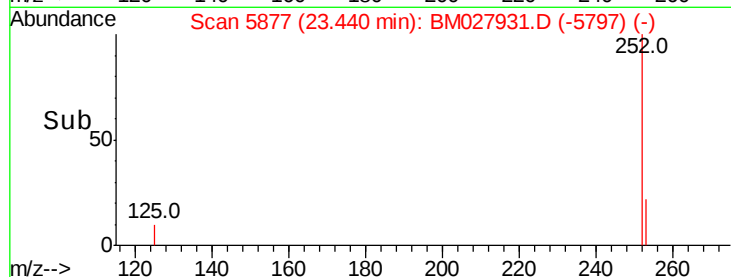
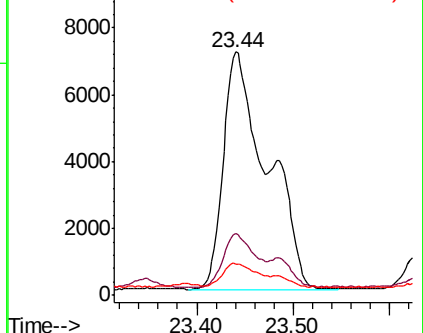
125 13.0 0.0 28.4



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: 2.376 ng/ul

RT: 23.44 min Scan# 5877

Delta R.T. -0.05 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

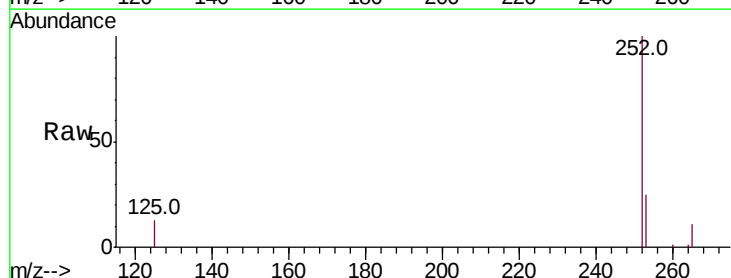
Tgt Ion:252 Resp: 22404

Ion Ratio Lower Upper

252 100

253 25.2 23.2 34.8

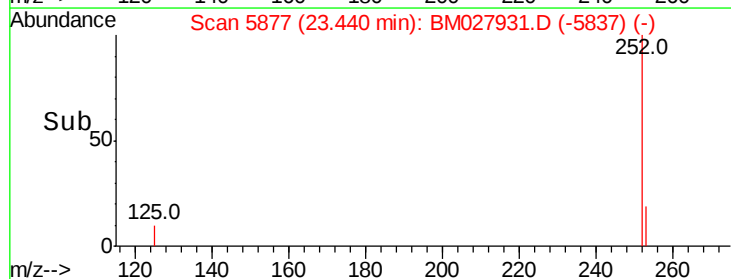
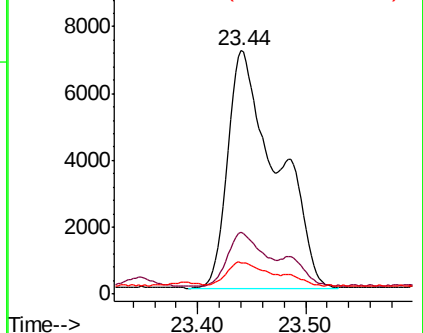
125 13.0 11.8 17.6

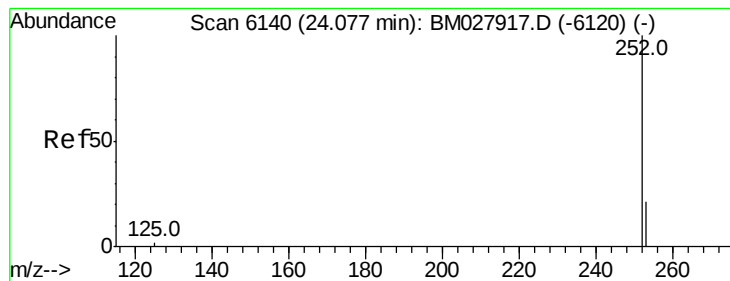


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.298 ng/ul

RT: 24.07 min Scan# 6138

Delta R.T. -0.00 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

Instrument :

BNA_M

ClientSampleId :

C0B05DL

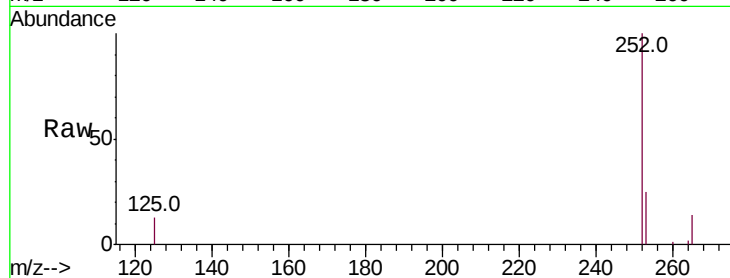
Tot Ion:252 Resp: 10926

Ion Ratio Lower Upper

252 100

253 25.2 25.2 37.8

125 13.0 13.8 20.6#

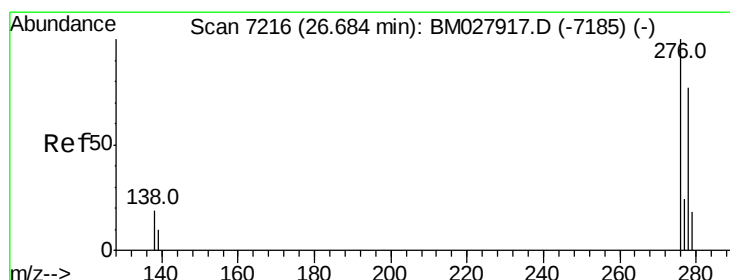
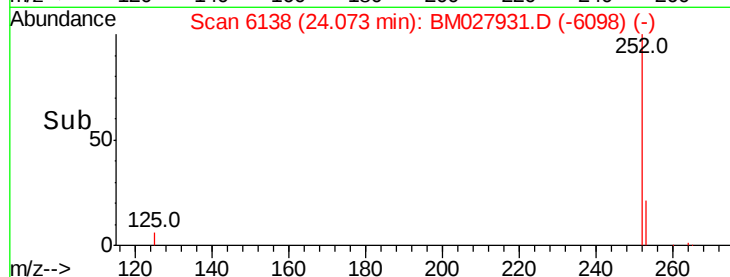
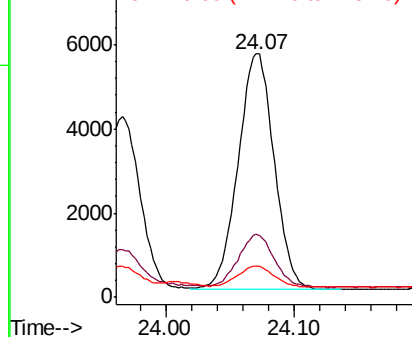


Abundance

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: 0.786 ng/ul

RT: 26.67 min Scan# 7210

Delta R.T. -0.01 min

Lab File: BM027931.D

Acq: 24 Nov 2020 01:52

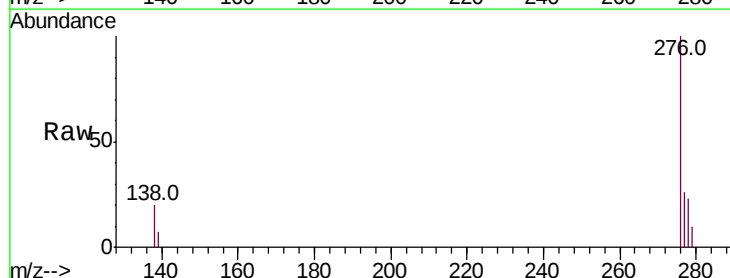
Tgt Ion:276 Resp: 7164

Ion Ratio Lower Upper

276 100

138 17.8 15.7 23.5

227 0.0 0.0 0.0

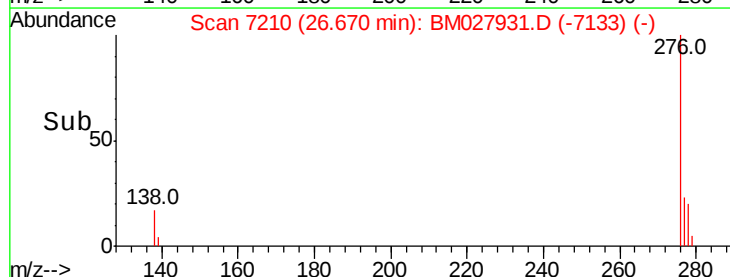
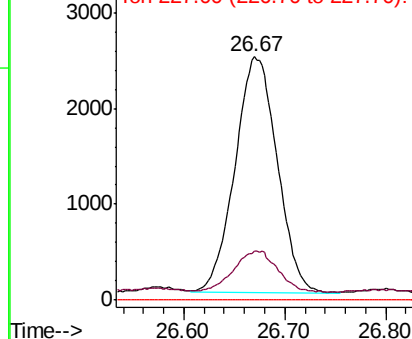


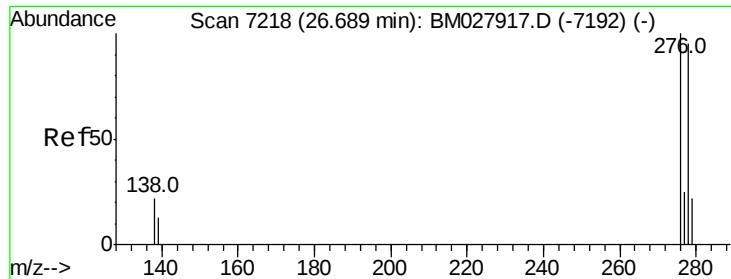
Abundance

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



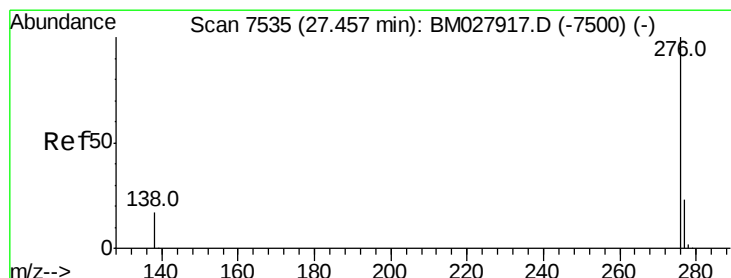
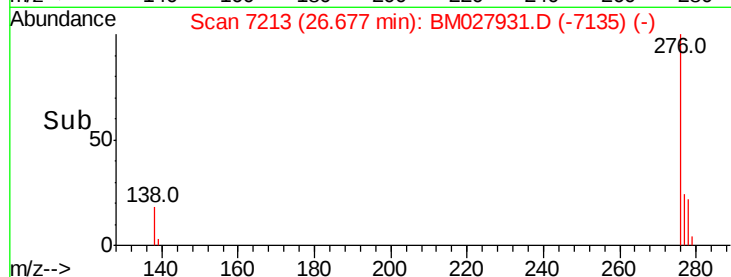
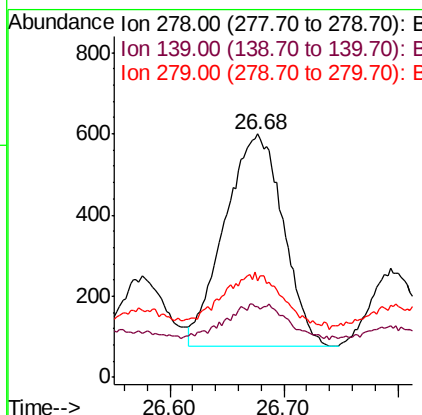
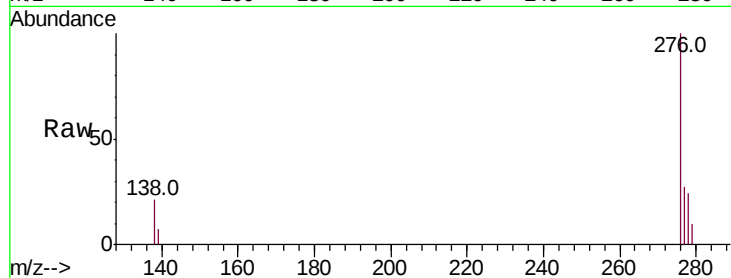


#25
Dibenzo(a,h)anthracene
Concen: 0.247 ng/ul
RT: 26.68 min Scan# 7213
Delta R.T. -0.01 min
Lab File: BM027931.D
Acq: 24 Nov 2020 01:52

Instrument :
BNA_M
ClientSampleId :
C0B05DL

Tot Ion:278 Resp: 1871

Ion	Ratio	Lower	Upper
278	100		
139	29.0	14.8	22.2#
279	39.8	25.8	38.6#



#26
Benzo(g,h,i)perylene
Concen: 0.787 ng/ul
RT: 27.44 min Scan# 7529
Delta R.T. -0.01 min
Lab File: BM027931.D
Acq: 24 Nov 2020 01:52

Tgt Ion:276 Resp: 6018

Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.4	26.2
277	27.2	22.5	33.7

