

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027930.D
 Acq On : 24 Nov 2020 01:15
 Operator : JU/CG
 Sample : L4711-18DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B01DL

Quant Time: Nov 24 03:02:58 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

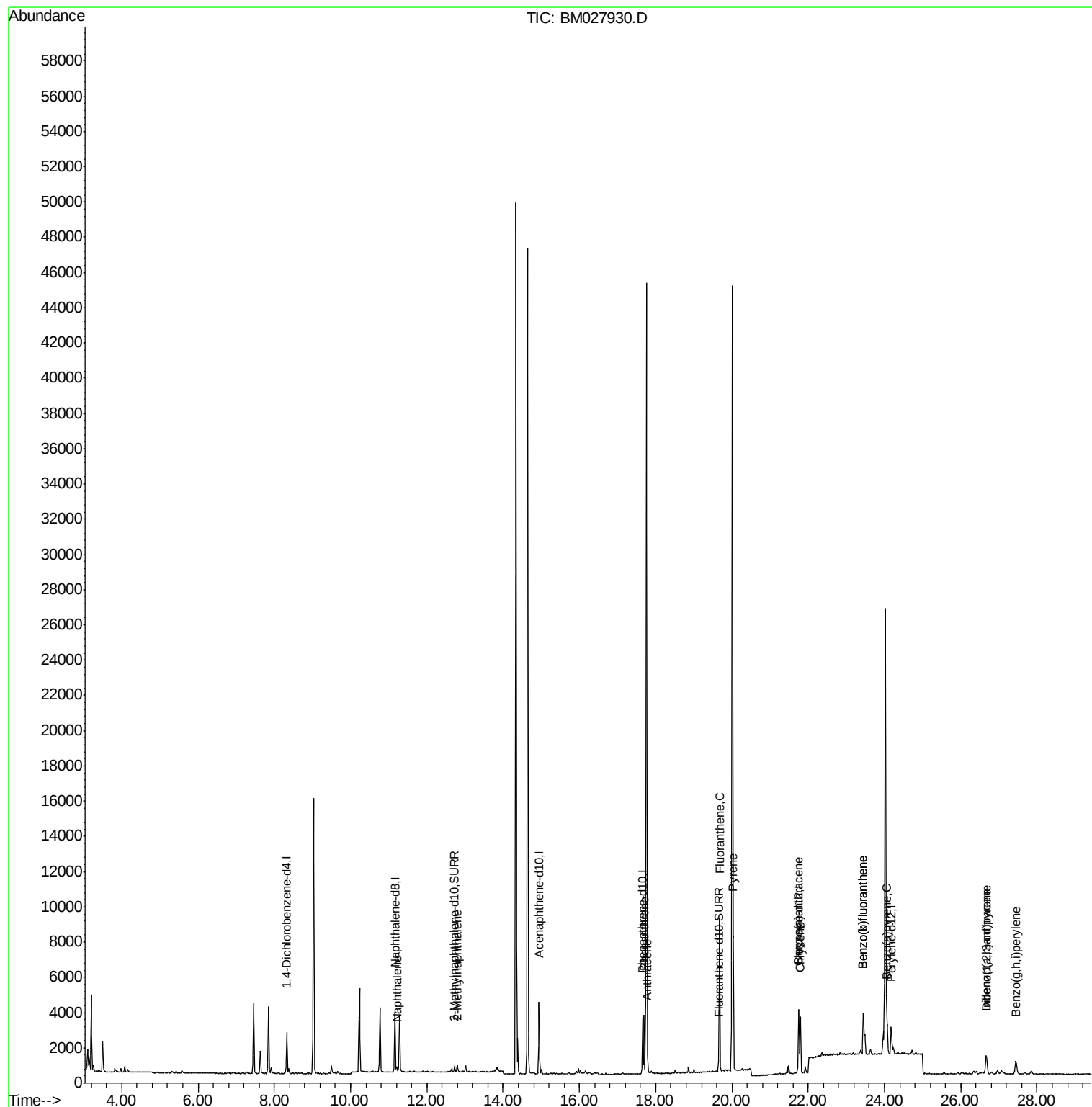
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1141	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4362	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2283	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3731	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2272	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2132	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	410	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	529	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	392	0.030	ng/ul#	63
5) 2-Methylnaphthalene	12.80	142	266	0.030	ng/ul	100
12) Phenanthrene	17.70	178	3461	0.294	ng/ul	99
13) Anthracene	17.79	178	692	0.061	ng/ul#	79
15) Fluoranthene	19.68	202	7218	0.552	ng/ul	97
17) Pyrene	20.03	202	6103	0.529	ng/ul#	95
18) Benzo(a)anthracene	21.74	228	2850	0.311	ng/ul	97
19) Chrysene	21.80	228	3111	0.348	ng/ul	94
21) Benzo(b)fluoranthene	23.44	252	5138	0.573	ng/ul#	84
22) Benzo(k)fluoranthene	23.44	252	5154	0.587	ng/ul#	83
23) Benzo(a)pyrene	24.07	252	2491	0.318	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.67	276	1778	0.210	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.68	278	471	0.067	ng/ul#	2
26) Benzo(g,h,i)perylene	27.44	276	1680	0.236	ng/ul#	85

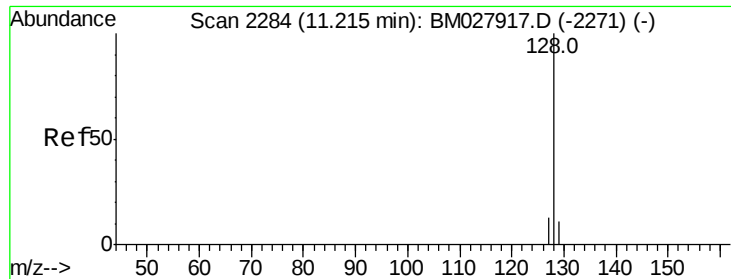
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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QLast Update : Tue Nov 24 00:42:23 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.030 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027930.D

Acq: 24 Nov 2020 01:15

Instrument :

BNA_M

ClientSampleId :

C0B01DL

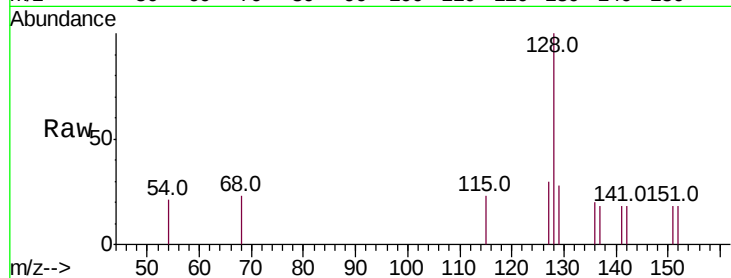
Tot Ion:128 Resp: 392

Ion Ratio Lower Upper

128 100

129 27.5 10.4 15.6#

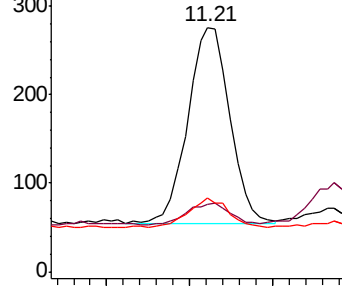
127 30.4 12.0 18.0#



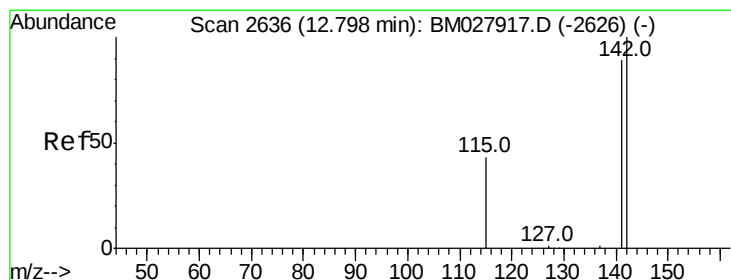
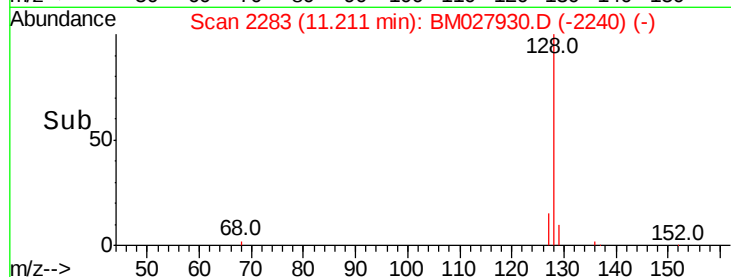
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.80 min Scan# 2636

Delta R.T. 0.00 min

Lab File: BM027930.D

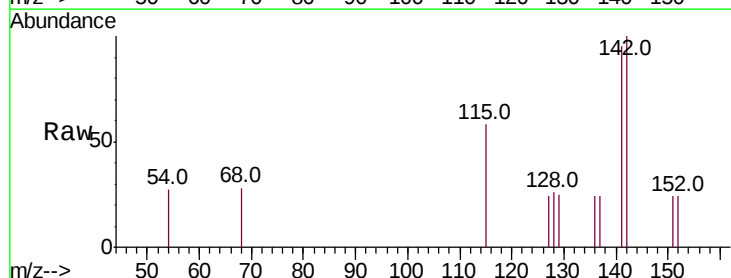
Acq: 24 Nov 2020 01:15

Tgt Ion:142 Resp: 266

Ion Ratio Lower Upper

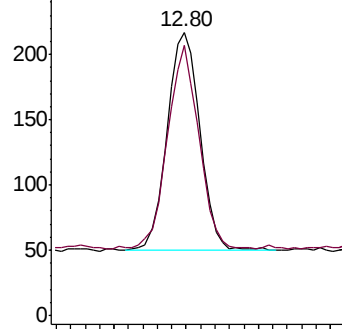
142 100

141 89.5 71.6 107.4

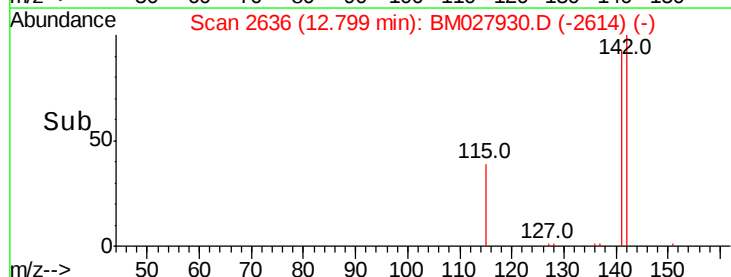


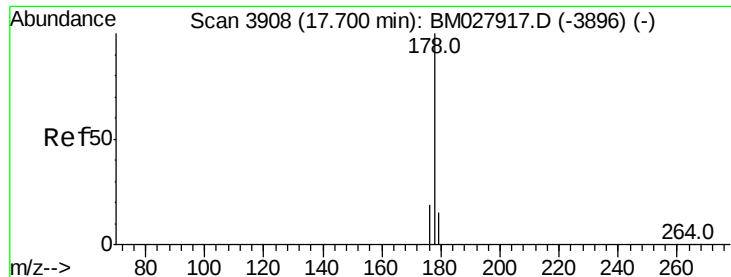
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#12

Phenanthrene

Concen: 0.294 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. 0.00 min

Lab File: BM027930.D

Acq: 24 Nov 2020 01:15

Instrument :

BNA_M

ClientSampleId :

C0B01DL

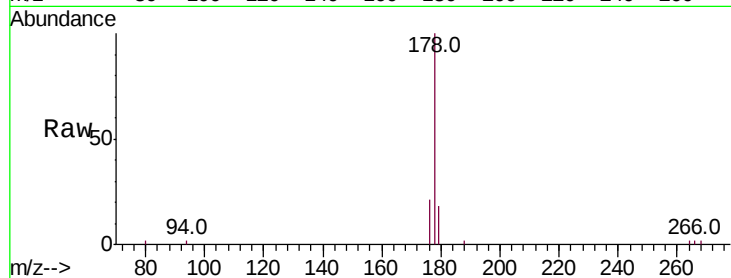
Tot Ion:178 Resp: 3461

Ion Ratio Lower Upper

178 100

179 17.5 13.6 20.4

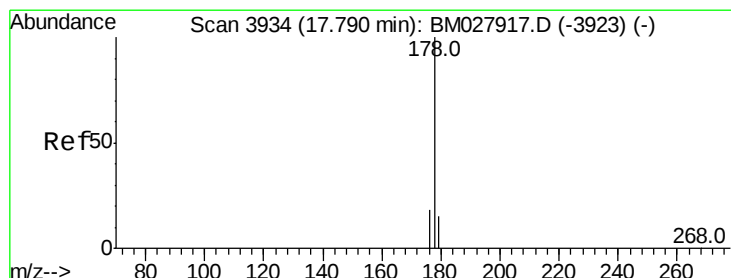
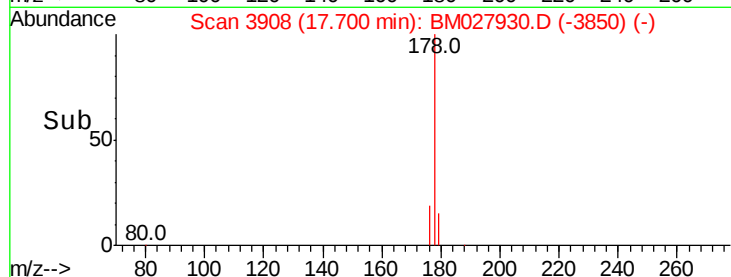
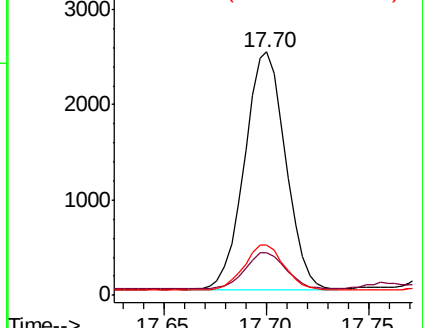
176 20.5 16.1 24.1



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: 0.061 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027930.D

Acq: 24 Nov 2020 01:15

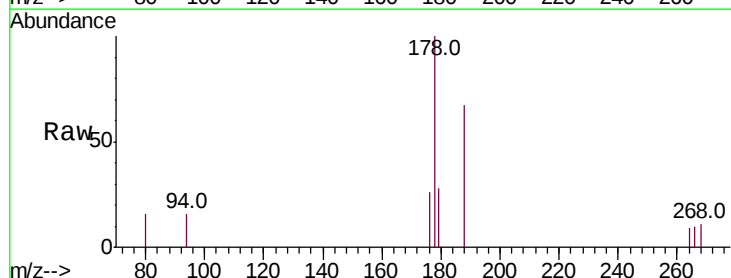
Tgt Ion:178 Resp: 692

Ion Ratio Lower Upper

178 100

179 27.8 13.4 20.2#

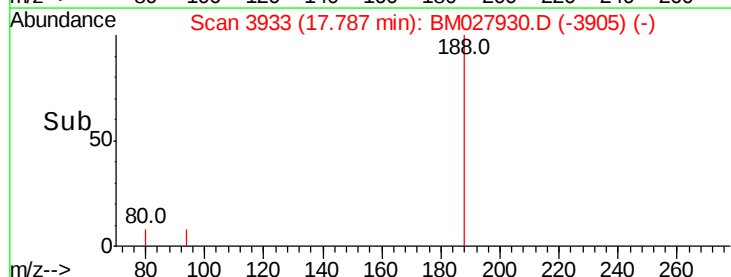
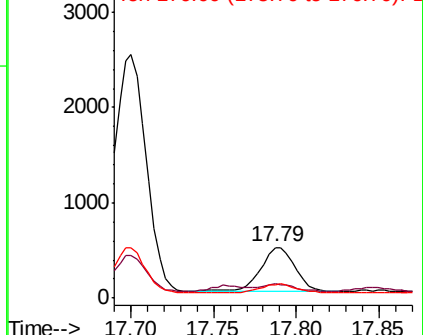
176 26.3 15.0 22.6#

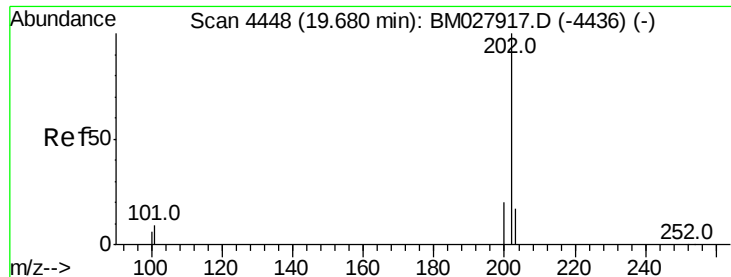


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.552 ng/ul

RT: 19.68 min Scan# 4447

Delta R.T. -0.00 min

Lab File: BM027930.D

Acq: 24 Nov 2020 01:15

Instrument :

BNA_M

ClientSampleId :

C0B01DL

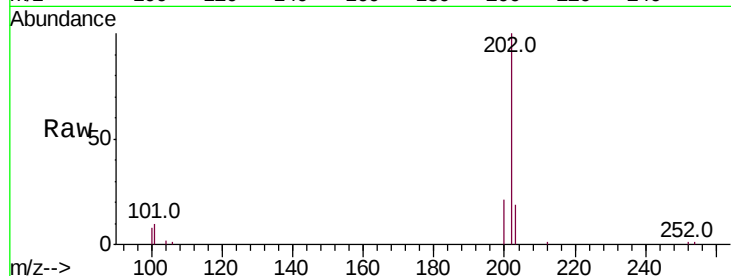
Tot Ion:202 Resp: 7218

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.3

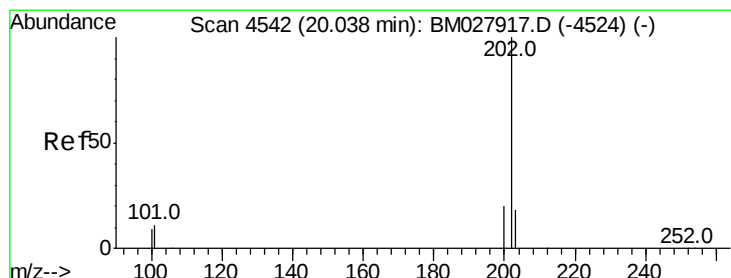
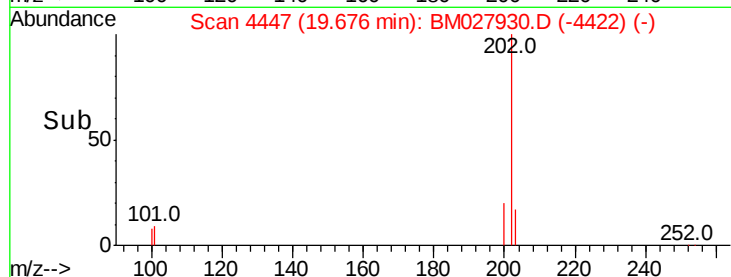
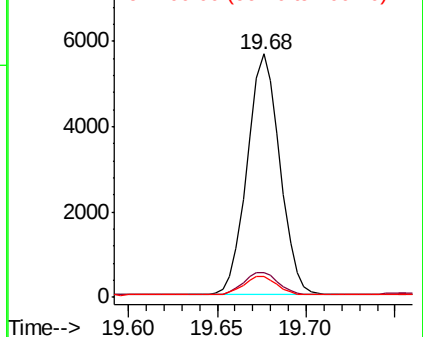
100 8.5 0.0 27.4



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: 0.529 ng/ul

RT: 20.03 min Scan# 4541

Delta R.T. -0.00 min

Lab File: BM027930.D

Acq: 24 Nov 2020 01:15

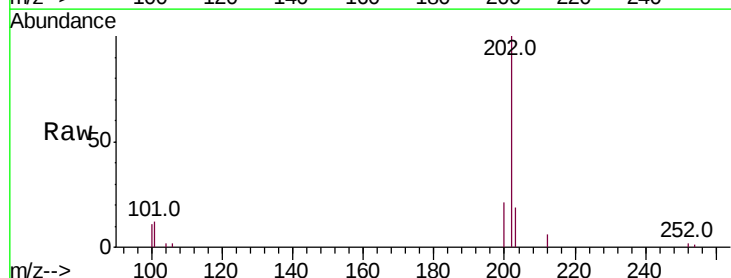
Tgt Ion:202 Resp: 6103

Ion Ratio Lower Upper

202 100

101 12.2 8.2 12.2

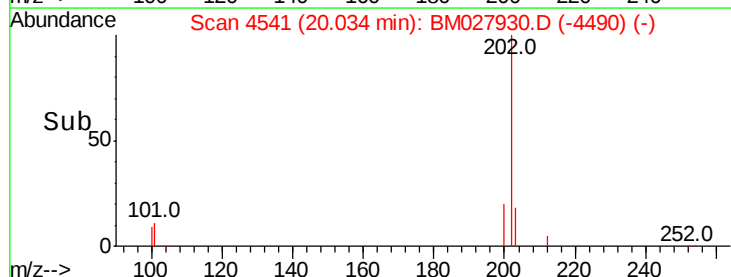
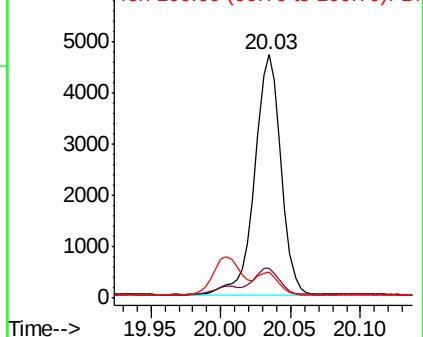
100 10.5 6.9 10.3#

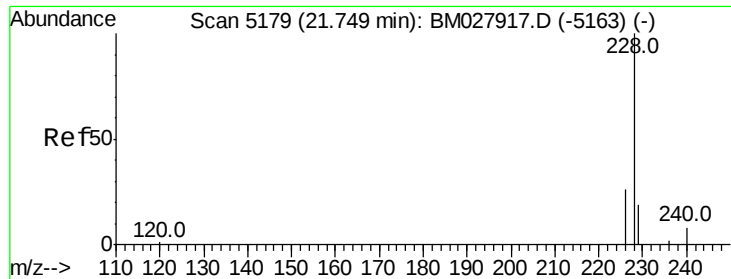


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.311 ng/ul

RT: 21.74 min Scan# 5176

Delta R.T. -0.01 min

Lab File: BM027930.D

Acq: 24 Nov 2020 01:15

Instrument :

BNA_M

ClientSampleId :

C0B01DL

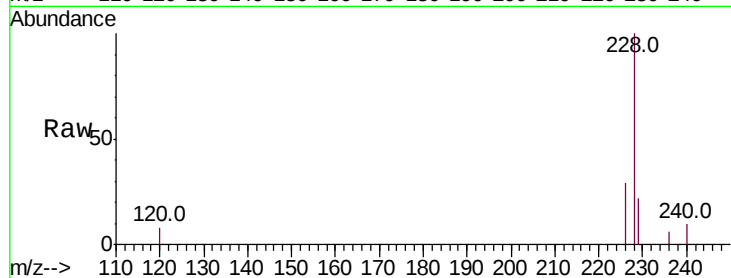
Tot Ion:228 Resp: 2850

Ion Ratio Lower Upper

228 100

229 22.1 16.2 24.4

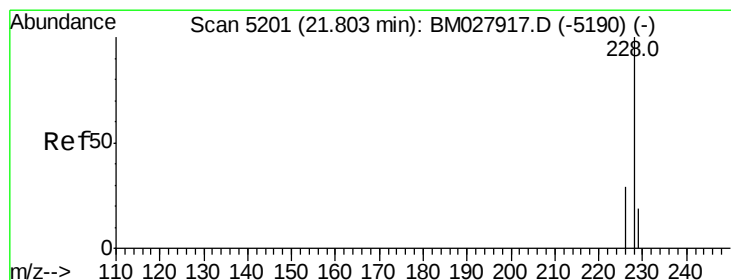
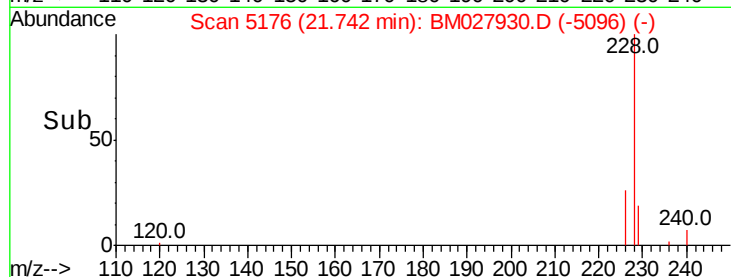
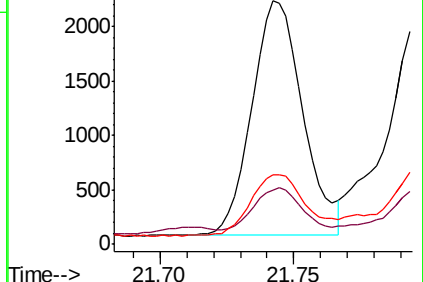
226 28.6 21.5 32.3



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: 0.348 ng/ul

RT: 21.80 min Scan# 5199

Delta R.T. -0.00 min

Lab File: BM027930.D

Acq: 24 Nov 2020 01:15

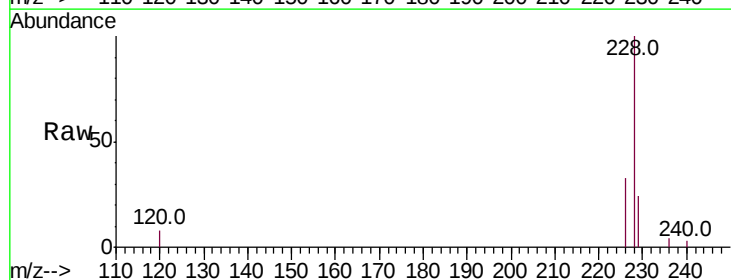
Tgt Ion:228 Resp: 3111

Ion Ratio Lower Upper

228 100

226 32.8 24.1 36.1

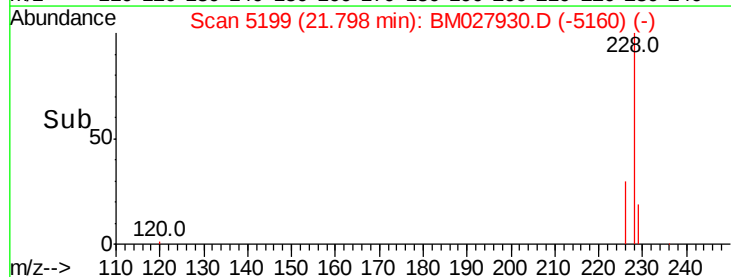
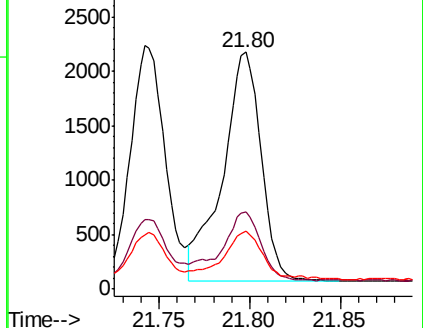
229 24.3 16.6 24.8

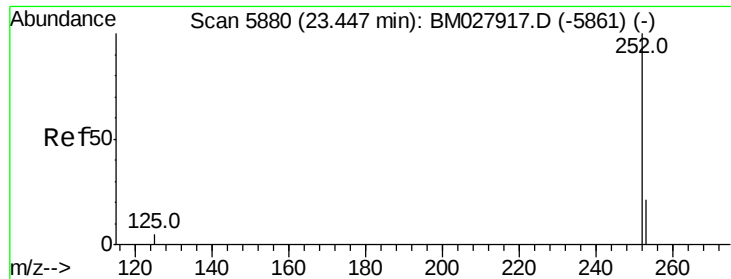


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.573 ng/ul

RT: 23.44 min Scan# 5877

Delta R.T. -0.01 min

Lab File: BM027930.D

Acq: 24 Nov 2020 01:15

Instrument :

BNA_M

ClientSampleId :

C0B01DL

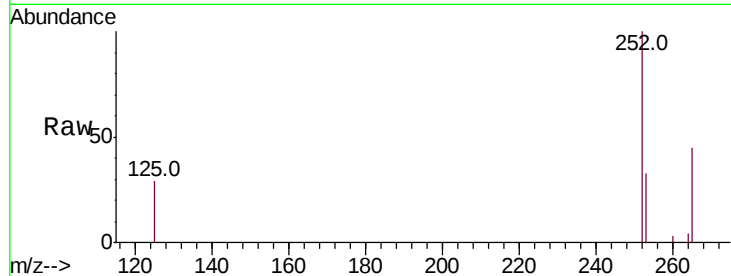
Tot Ion:252 Resp: 5138

Ion Ratio Lower Upper

252 100

253 33.0 0.0 59.6

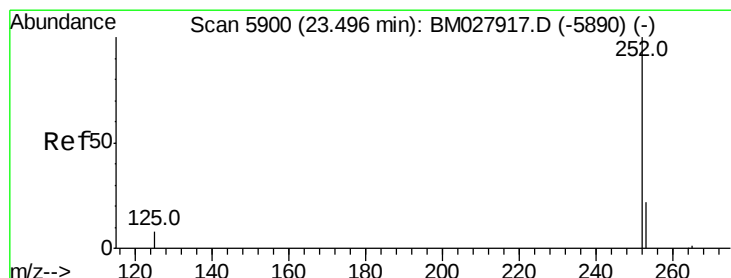
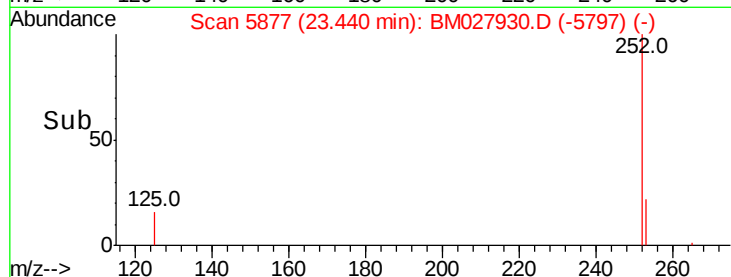
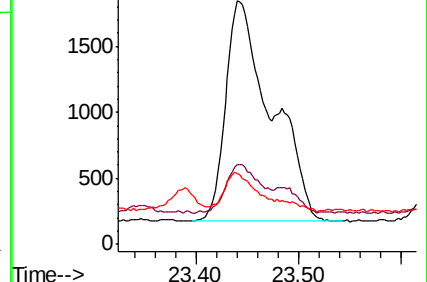
125 29.1 0.0 28.4#



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: 0.587 ng/ul

RT: 23.44 min Scan# 5877

Delta R.T. -0.05 min

Lab File: BM027930.D

Acq: 24 Nov 2020 01:15

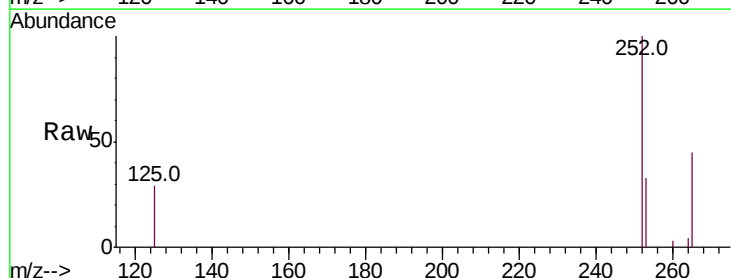
Tgt Ion:252 Resp: 5154

Ion Ratio Lower Upper

252 100

253 33.0 23.2 34.8

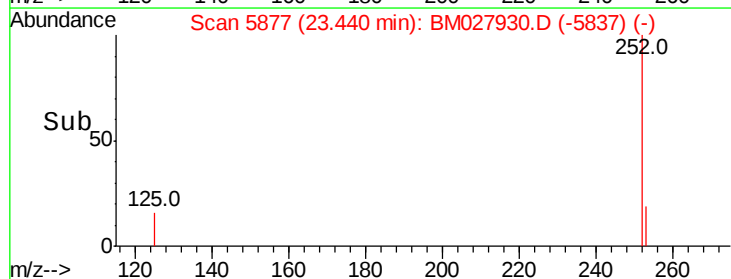
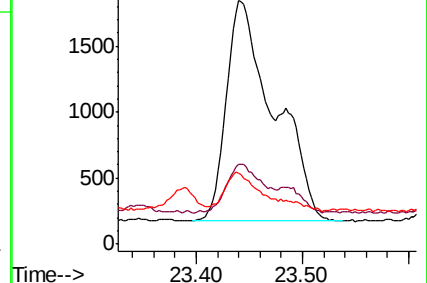
125 29.1 11.8 17.6#

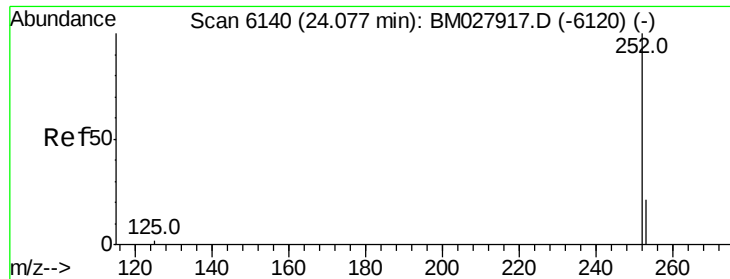


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.318 ng/ul

RT: 24.07 min Scan# 6137

Delta R.T. -0.00 min

Lab File: BM027930.D

Acq: 24 Nov 2020 01:15

Instrument :

BNA_M

ClientSampleId :

C0B01DL

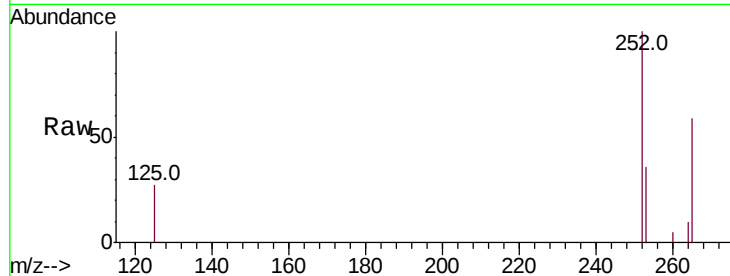
Tot Ion:252 Resp: 2491

Ion Ratio Lower Upper

252 100

253 35.9 25.2 37.8

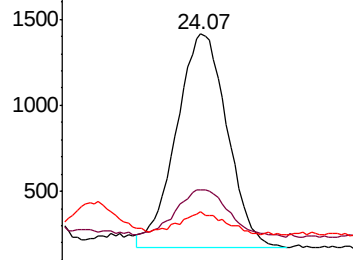
125 27.1 13.8 20.6#



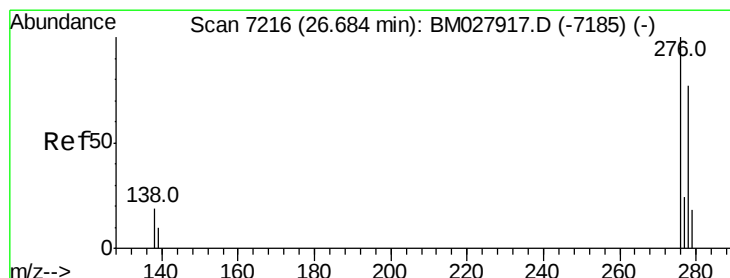
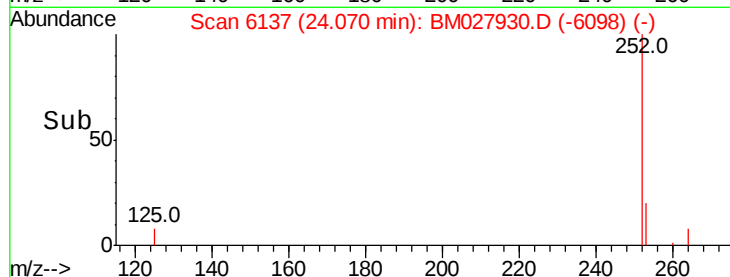
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.210 ng/ul

RT: 26.67 min Scan# 7210

Delta R.T. -0.01 min

Lab File: BM027930.D

Acq: 24 Nov 2020 01:15

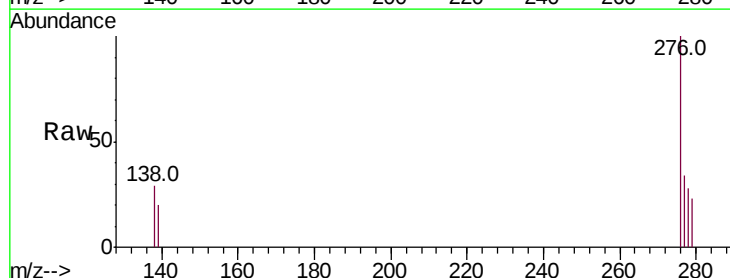
Tgt Ion:276 Resp: 1778

Ion Ratio Lower Upper

276 100

138 19.9 15.7 23.5

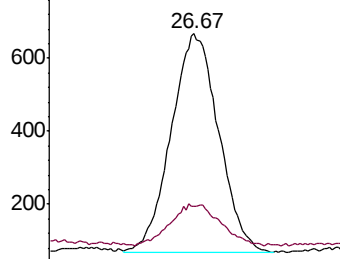
227 0.0 0.0 0.0



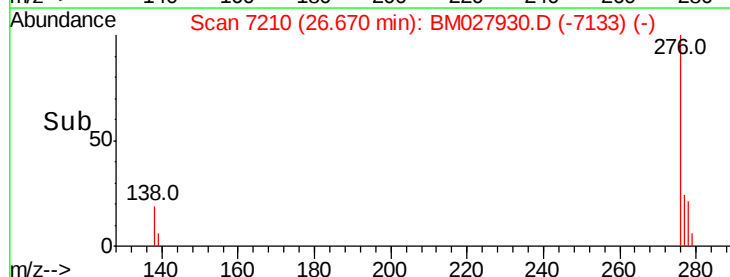
Abundance Ion 276.00 (275.70 to 276.70): E

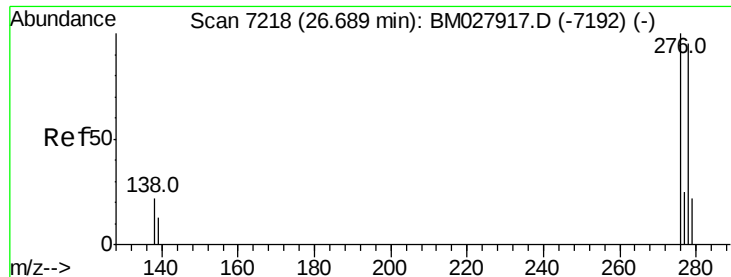
Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



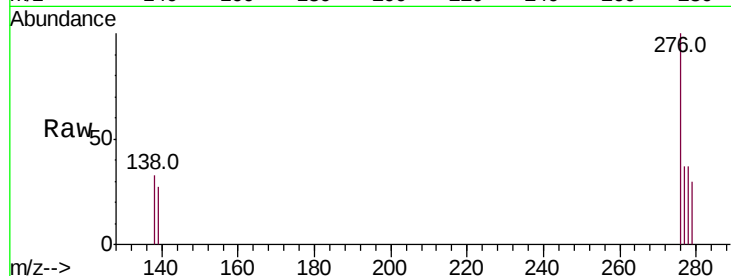


#25

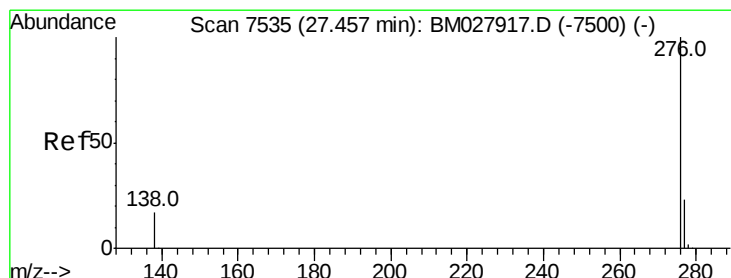
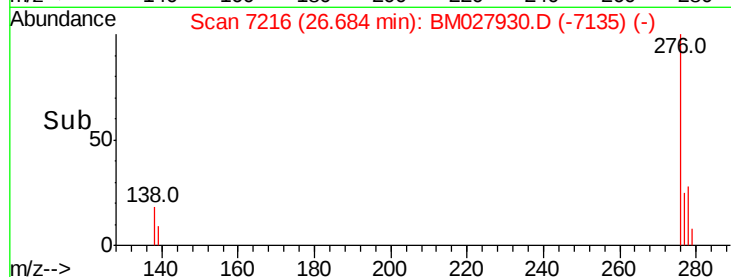
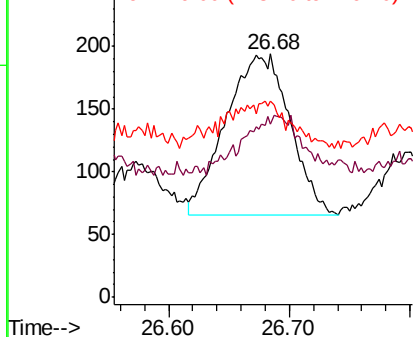
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Instrument :
BNA_M
ClientSampleId :
C0B01DL

Tot Ion:278 Resp: 471
Ion Ratio Lower Upper
278 100
139 71.1 14.8 22.2#
279 80.9 25.8 38.6#



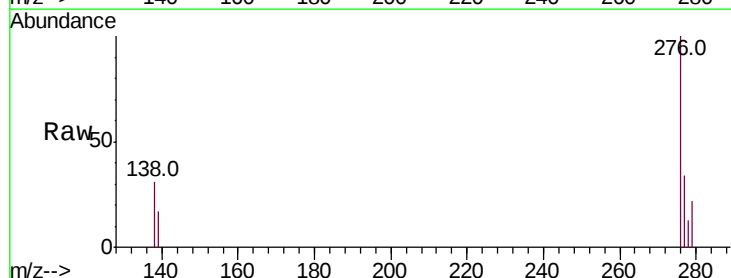
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.236 ng/ul
RT: 27.44 min Scan# 7529
Delta R.T. -0.01 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:276 Resp: 1680
Ion Ratio Lower Upper
276 100
138 31.0 17.4 26.2#
277 34.1 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

