

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027902.D
 Acq On : 22 Nov 2020 05:01
 Operator : JU/CG
 Sample : L4711-14
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B66

Quant Time: Nov 23 05:40:43 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 : Mon Nov 23 05:39:07 2020
 Response via : Initial Calibration

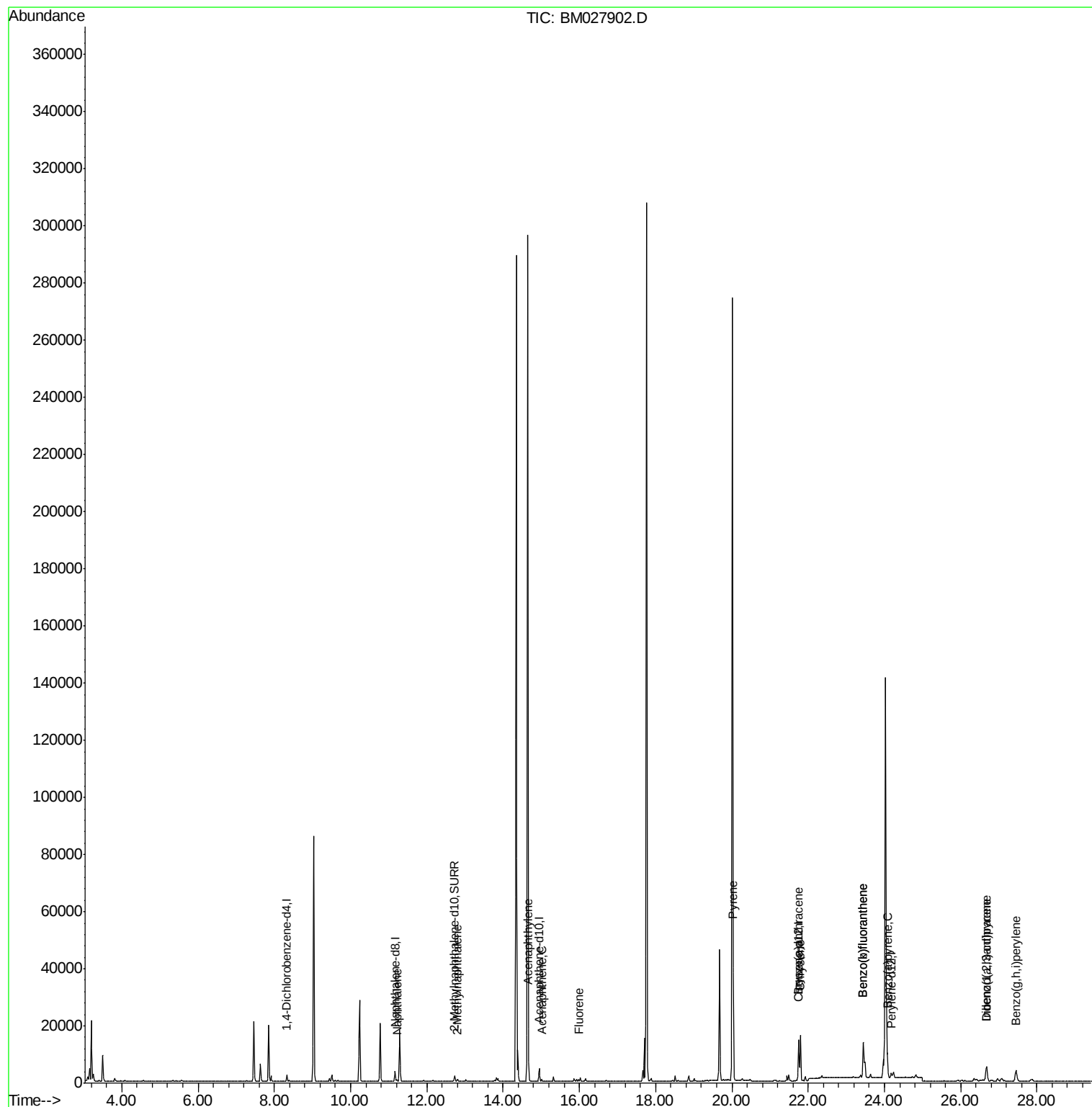
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1106	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4362	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2638	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.67
16) Chrysene-d12	21.76	240	2349	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2093	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2269	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3367	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.22	128	560	0.043	ng/ul#	76
5) 2-Methylnaphthalene	12.80	142	373	0.042	ng/ul	98
7) Acenaphthylene	14.67	152	435	0.034	ng/ul#	65
8) Acenaphthene	15.01	153	458	0.047	ng/ul#	92
9) Fluorene	15.98	166	472	0.042	ng/ul#	96
17) Pyrene	20.04	202	30656	2.570	ng/ul	99
18) Benzo(a)anthracene	21.74	228	12450	1.314	ng/ul	99
19) Chrysene	21.80	228	16207	1.756	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	25892	2.944	ng/ul#	83
22) Benzo(k)fluoranthene	23.45	252	25892	3.006	ng/ul#	84
23) Benzo(a)pyrene	24.07	252	11991	1.559	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.68	276	8906	1.070	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.68	278	2214	0.319	ng/ul#	67
26) Benzo(g,h,i)perylene	27.45	276	8599	1.231	ng/ul	98

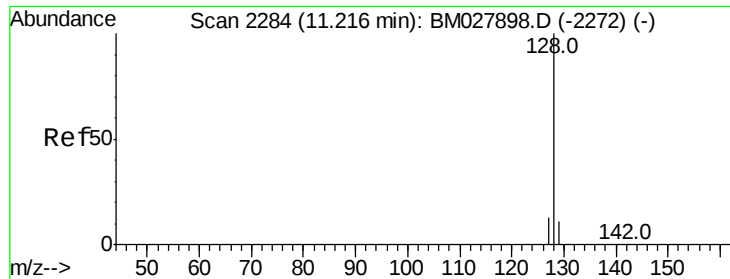
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
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#3

Naphthalene

Concen: 0.043 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027902.D

Acq: 22 Nov 2020 05:01

Instrument :

BNA_M

ClientSampleId :

C0B66

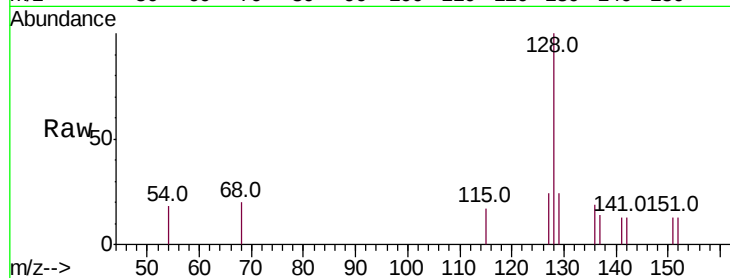
Tot Ion:128 Resp: 560

Ion Ratio Lower Upper

128 100

129 24.3 10.4 15.6#

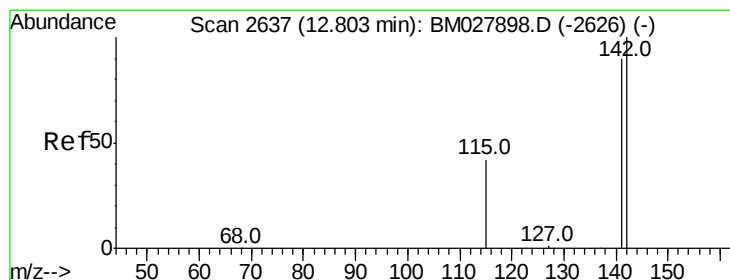
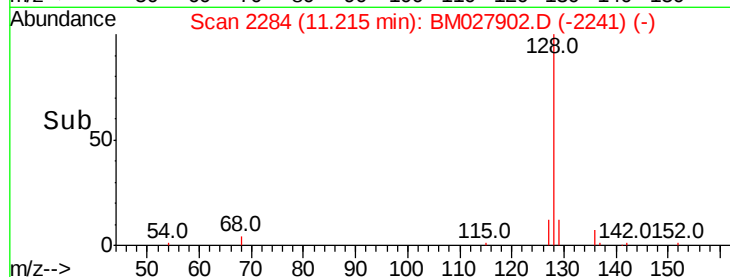
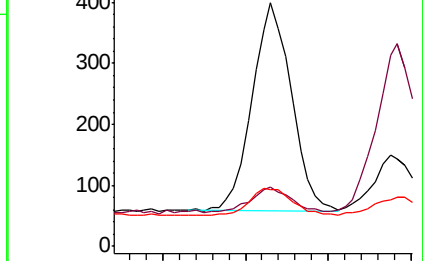
127 23.6 12.0 18.0#



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



#5

2-Methylnaphthalene

Concen: 0.042 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027902.D

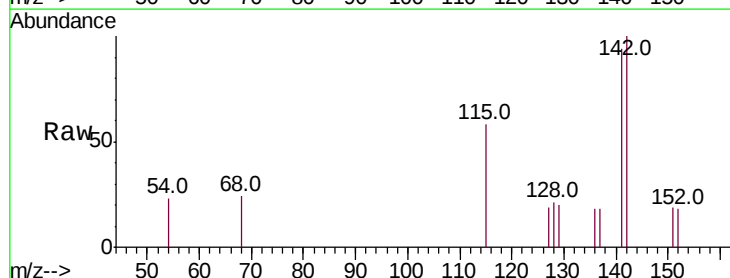
Acq: 22 Nov 2020 05:01

Tgt Ion:142 Resp: 373

Ion Ratio Lower Upper

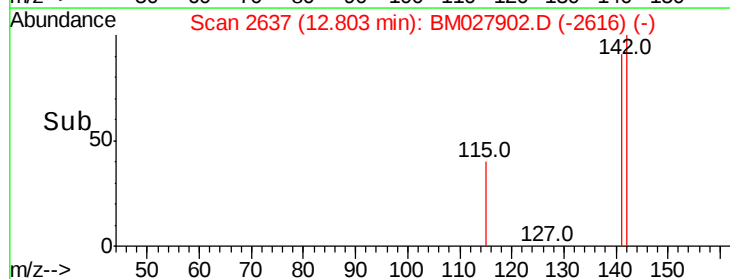
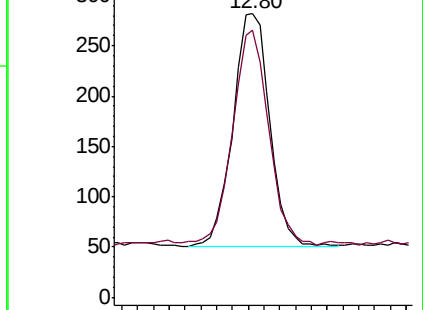
142 100

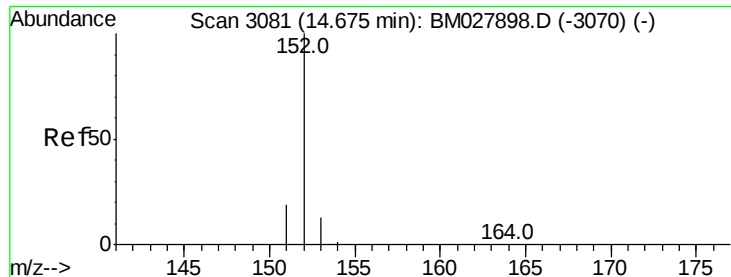
141 91.2 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 14.67 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM027902.D

Acq: 22 Nov 2020 05:01

Instrument :

BNA_M

ClientSampleId :

C0B66

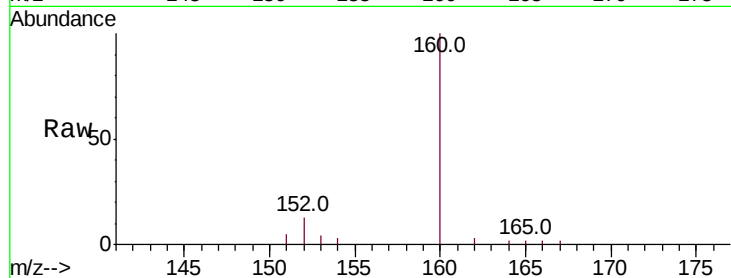
Tot Ion:152 Resp: 435

Ion Ratio Lower Upper

152 100

151 36.2 17.1 25.7#

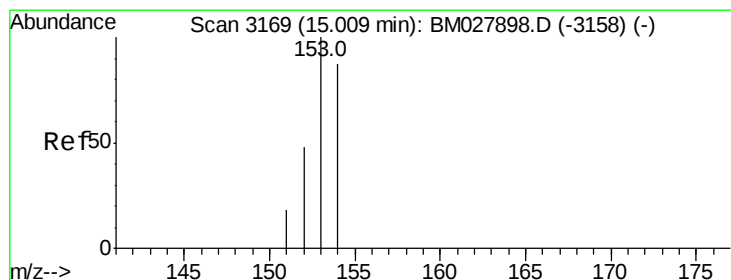
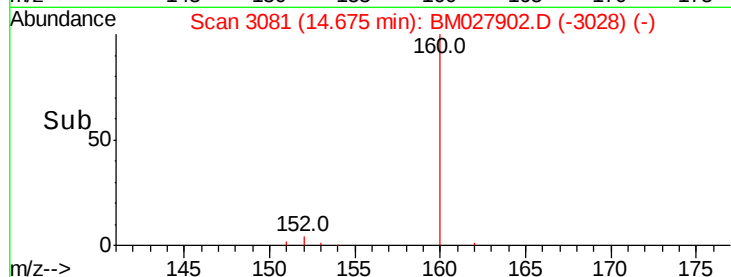
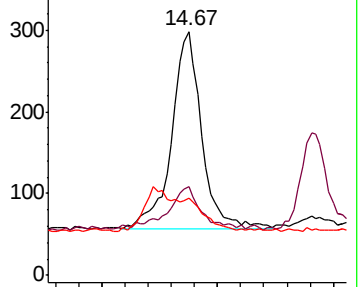
153 31.5 12.0 18.0#



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: 0.047 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM027902.D

Acq: 22 Nov 2020 05:01

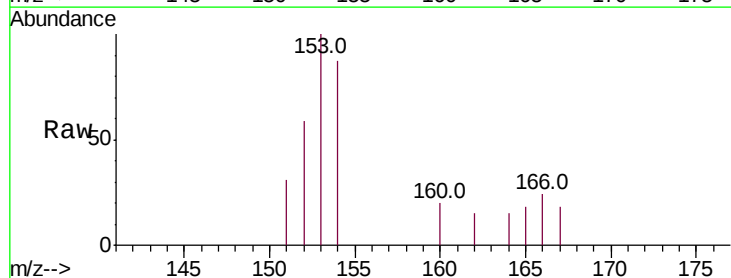
Tgt Ion:153 Resp: 458

Ion Ratio Lower Upper

153 100

152 59.3 39.0 58.6#

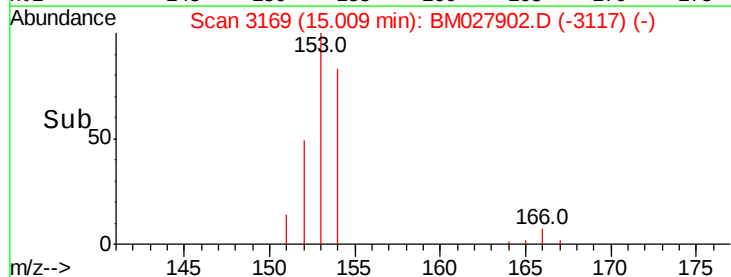
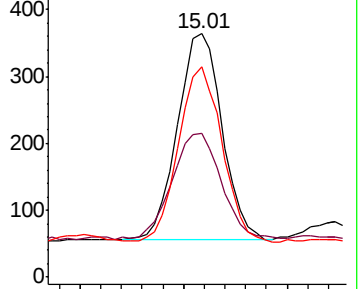
154 86.5 71.6 107.4

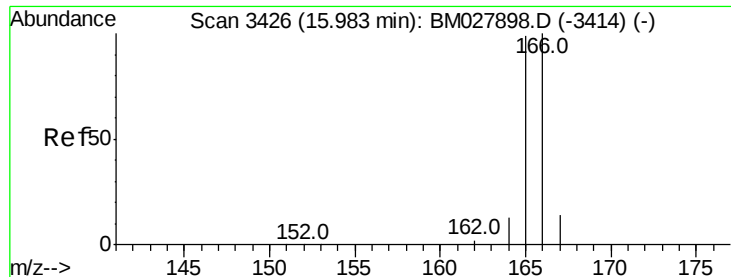


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.042 ng/ul

RT: 15.98 min Scan# 3426

Delta R.T. -0.00 min

Lab File: BM027902.D

Acq: 22 Nov 2020 05:01

Instrument :

BNA_M

ClientSampleId :

C0B66

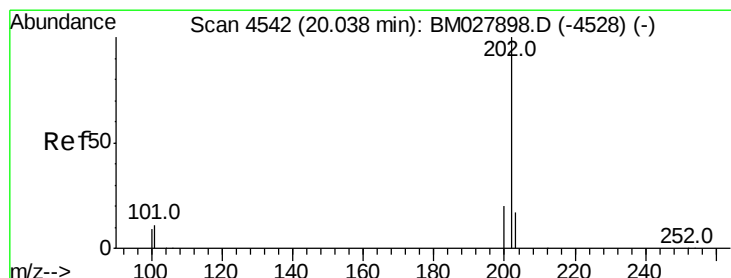
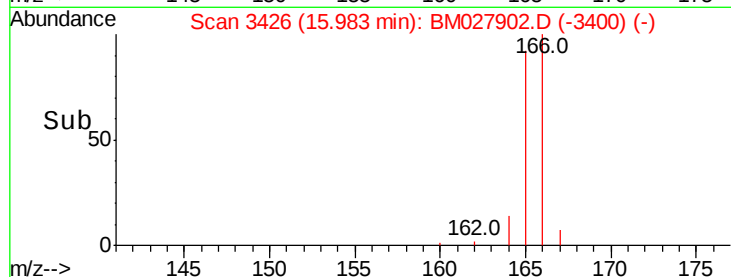
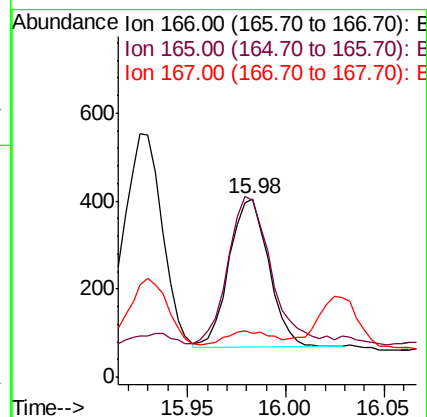
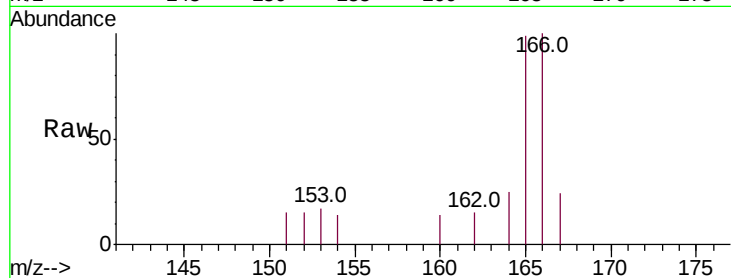
Tot Ion:166 Resp: 472

Ion Ratio Lower Upper

166 100

165 98.8 78.1 117.1

167 24.4 11.8 17.8#



#17

Pyrene

Concen: 2.570 ng/ul

RT: 20.04 min Scan# 4542

Delta R.T. -0.00 min

Lab File: BM027902.D

Acq: 22 Nov 2020 05:01

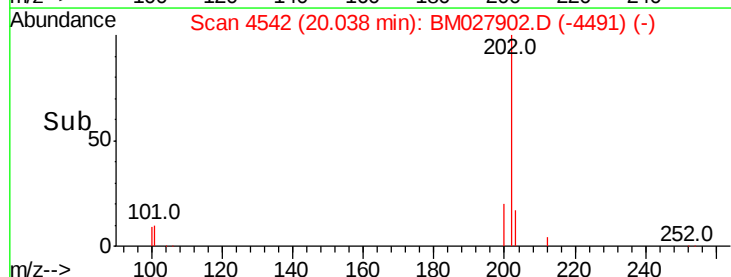
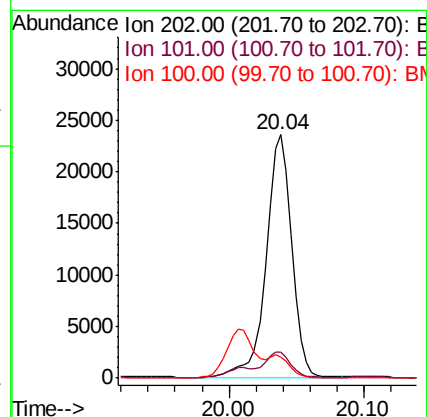
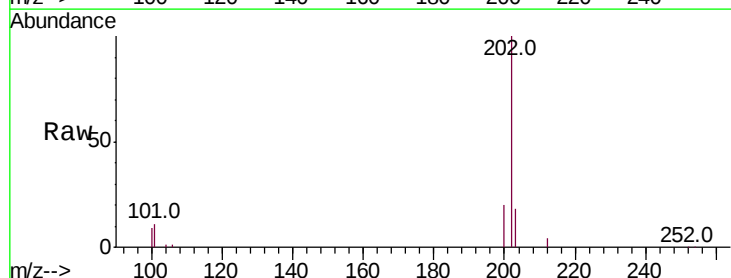
Tgt Ion:202 Resp: 30656

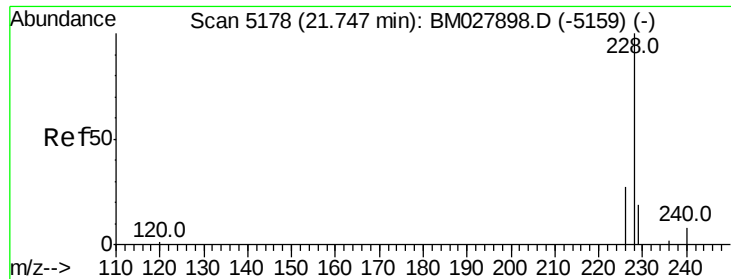
Ion Ratio Lower Upper

202 100

101 10.6 8.2 12.2

100 8.8 6.9 10.3





#18

Benzo(a)anthracene

Concen: 1.314 ng/ul

RT: 21.74 min Scan# 5177

Delta R.T. -0.01 min

Lab File: BM027902.D

Acq: 22 Nov 2020 05:01

Instrument :

BNA_M

ClientSampleId :

C0B66

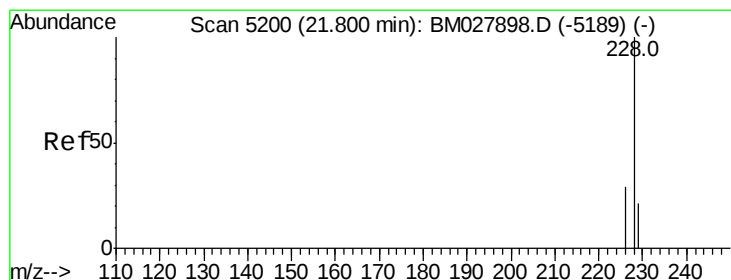
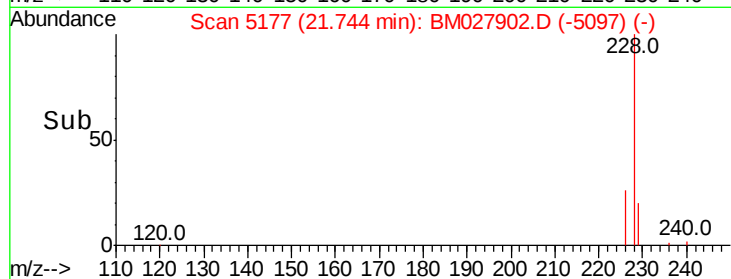
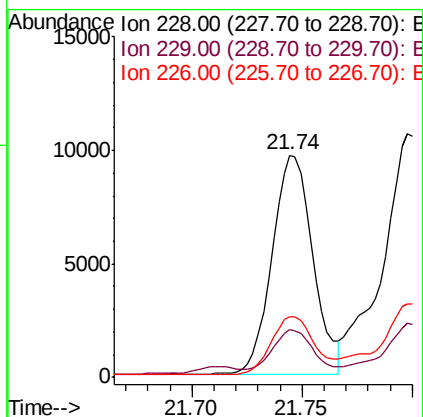
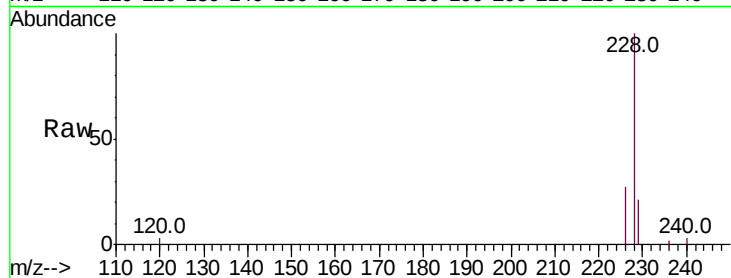
Tot Ion:228 Resp: 12450

Ion Ratio Lower Upper

228 100

229 21.2 16.2 24.4

226 27.3 21.5 32.3



#19

Chrysene

Concen: 1.756 ng/ul

RT: 21.80 min Scan# 5199

Delta R.T. -0.01 min

Lab File: BM027902.D

Acq: 22 Nov 2020 05:01

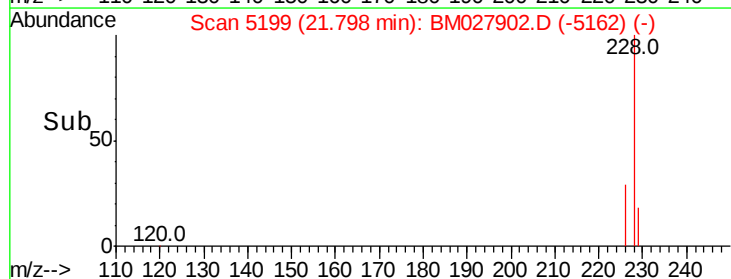
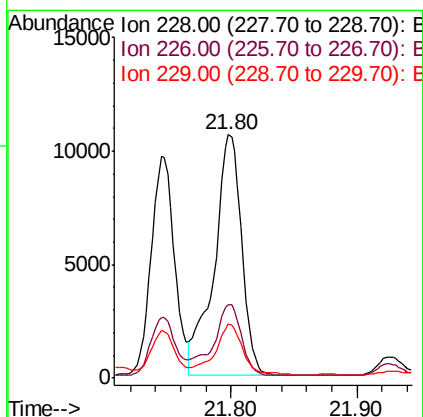
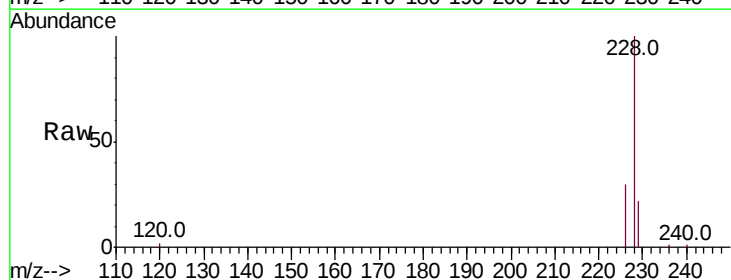
Tgt Ion:228 Resp: 16207

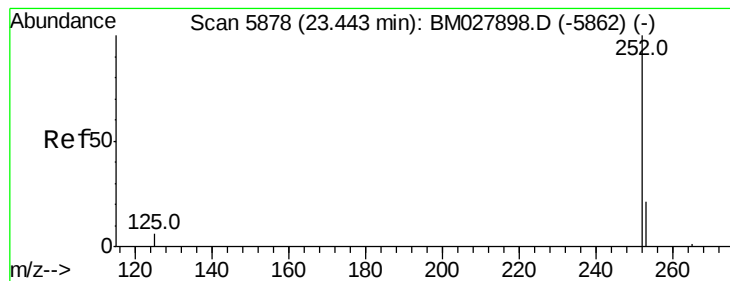
Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 22.0 16.6 24.8





#21

Benzo(b)fluoranthene

Concen: 2.944 ng/u1

RT: 23.45 min Scan# 5879

Delta R.T. -0.00 min

Lab File: BM027902.D

Acq: 22 Nov 2020 05:01

Instrument :

BNA_M

ClientSampleId :

C0B66

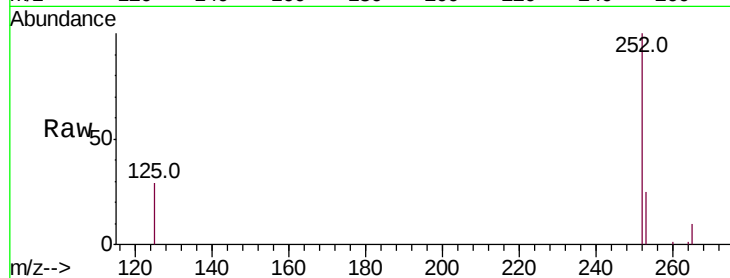
Tot Ion:252 Resp: 25892

Ion Ratio Lower Upper

252 100

253 25.2 0.0 59.6

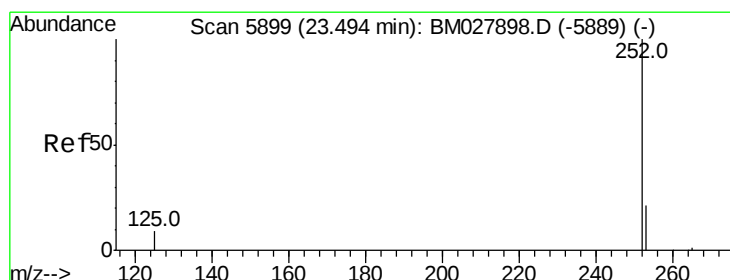
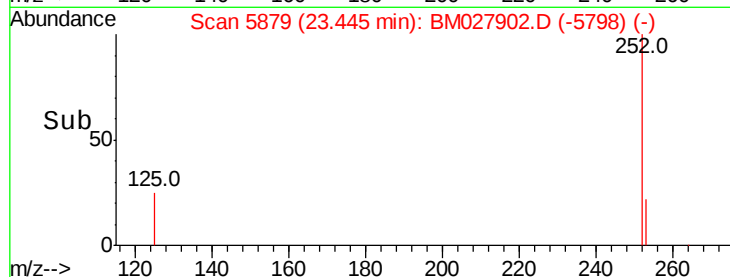
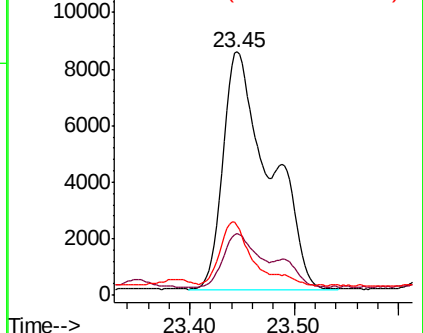
125 28.6 0.0 28.4#



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: 3.006 ng/u1

RT: 23.45 min Scan# 5879

Delta R.T. -0.05 min

Lab File: BM027902.D

Acq: 22 Nov 2020 05:01

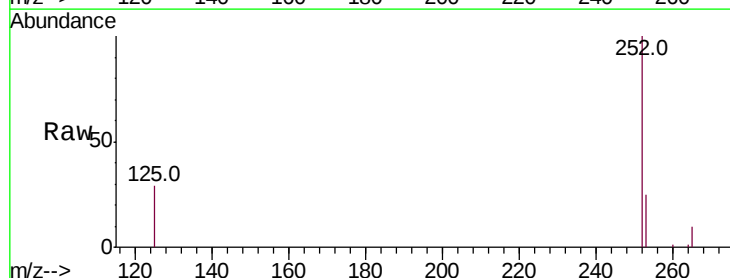
Tgt Ion:252 Resp: 25892

Ion Ratio Lower Upper

252 100

253 25.2 23.2 34.8

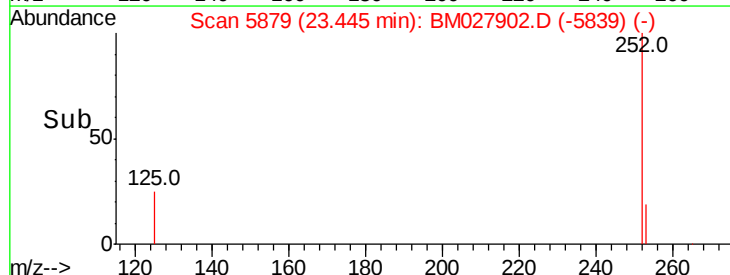
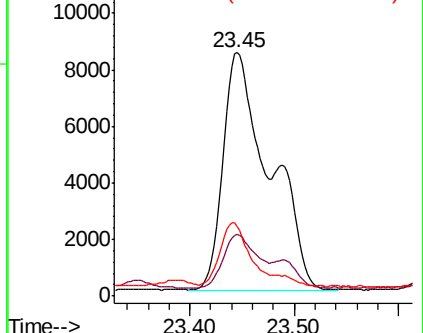
125 28.6 11.8 17.6#

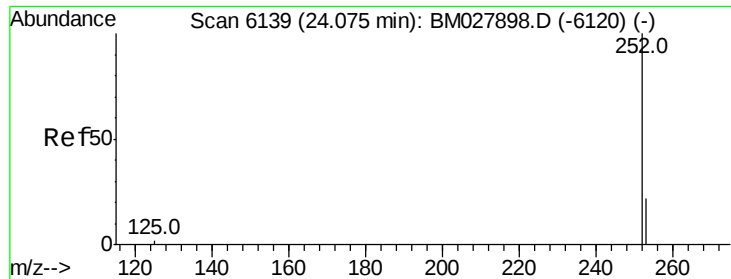


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.559 ng/ul

RT: 24.07 min Scan# 6139

Delta R.T. -0.00 min

Lab File: BM027902.D

Acq: 22 Nov 2020 05:01

Instrument :

BNA_M

ClientSampleId :

C0B66

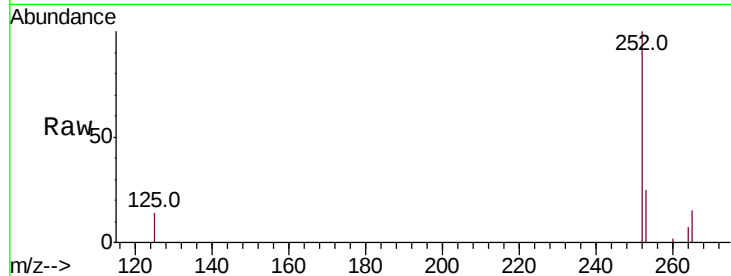
Tot Ion:252 Resp: 11991

Ion Ratio Lower Upper

252 100

253 25.0 25.2 37.8#

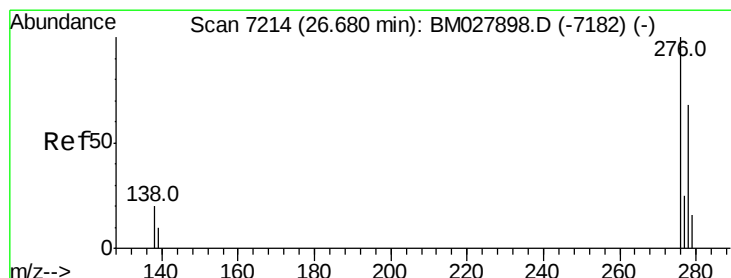
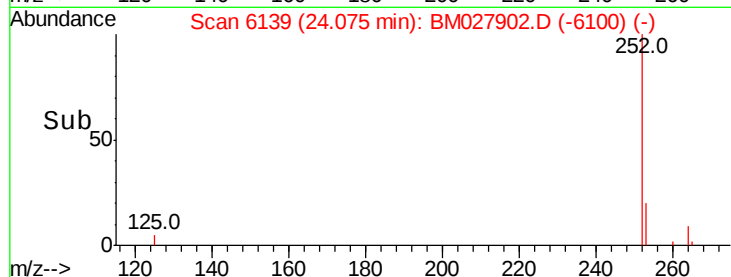
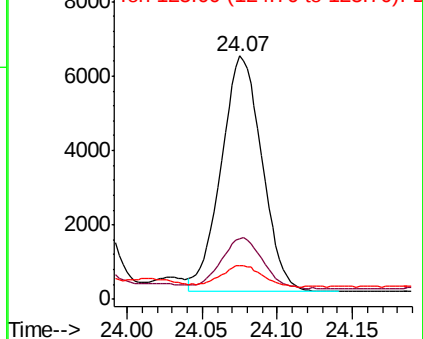
125 13.9 13.8 20.6



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: 1.070 ng/ul

RT: 26.68 min Scan# 7214

Delta R.T. -0.01 min

Lab File: BM027902.D

Acq: 22 Nov 2020 05:01

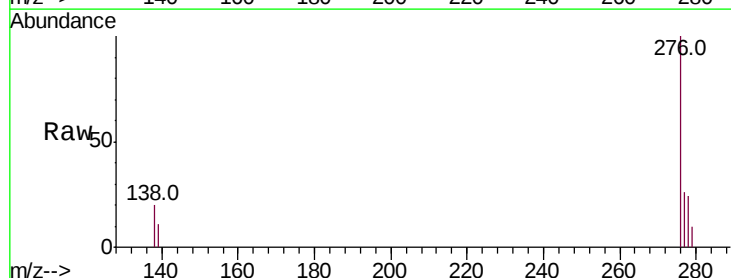
Tgt Ion:276 Resp: 8906

Ion Ratio Lower Upper

276 100

138 18.5 15.7 23.5

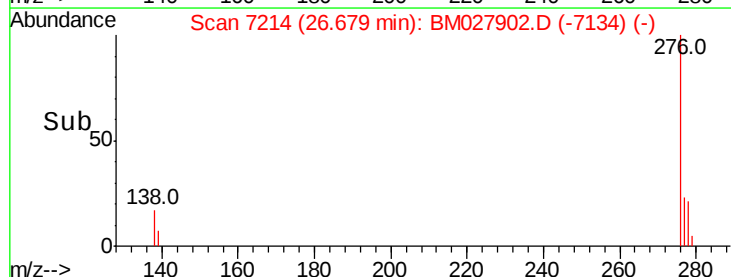
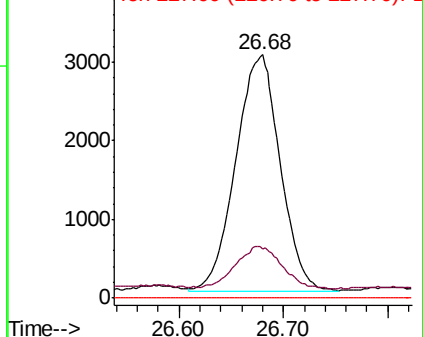
227 0.0 0.0 0.0

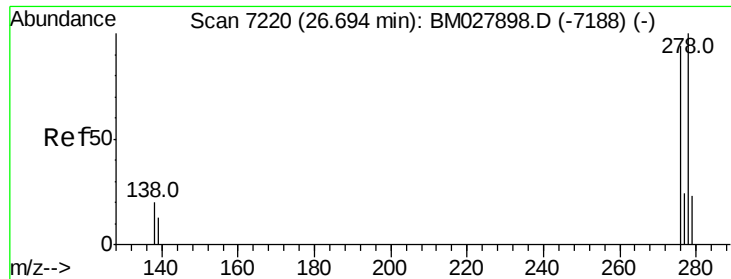


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



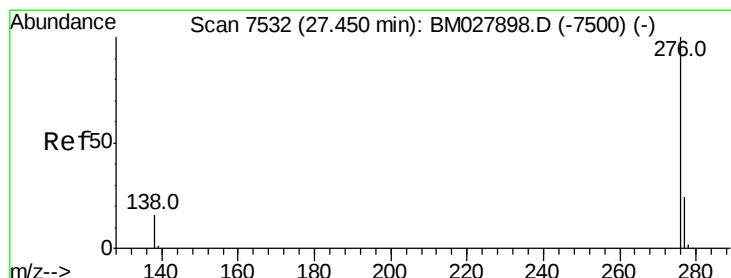
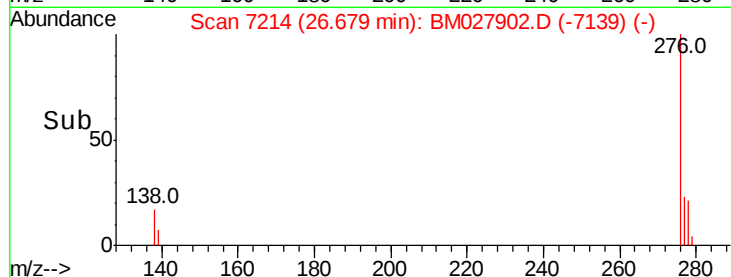
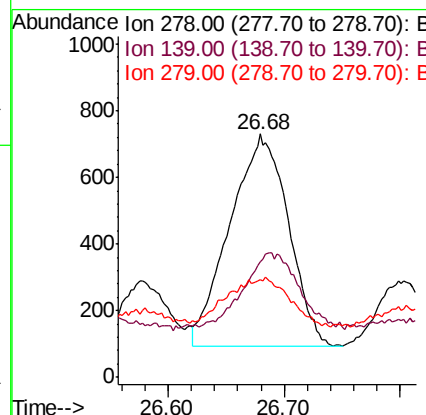
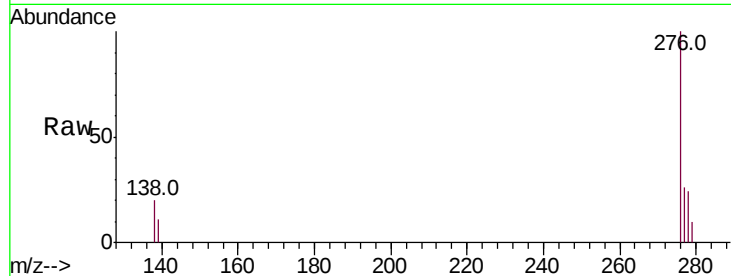


#25
Dibenzo(a,h)anthracene
Concen: 0.319 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.02 min
Lab File: BM027902.D
Acq: 22 Nov 2020 05:01

Instrument :
BNA_M
ClientSampleId :
C0B66

Tot Ion:278 Resp: 2214

Ion	Ratio	Lower	Upper
278	100		
139	47.3	14.8	22.2#
279	40.4	25.8	38.6#



#26
Benzo(g,h,i)perylene
Concen: 1.231 ng/ul
RT: 27.45 min Scan# 7531
Delta R.T. -0.01 min
Lab File: BM027902.D
Acq: 22 Nov 2020 05:01

Tgt Ion:276 Resp: 8599

Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.4	26.2
277	26.8	22.5	33.7

