

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027892.D
 Acq On : 21 Nov 2020 21:44
 Operator : JU/CG
 Sample : L4711-13
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B65

Quant Time: Nov 23 04:07:16 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 04:04:52 2020
 Response via : Initial Calibration

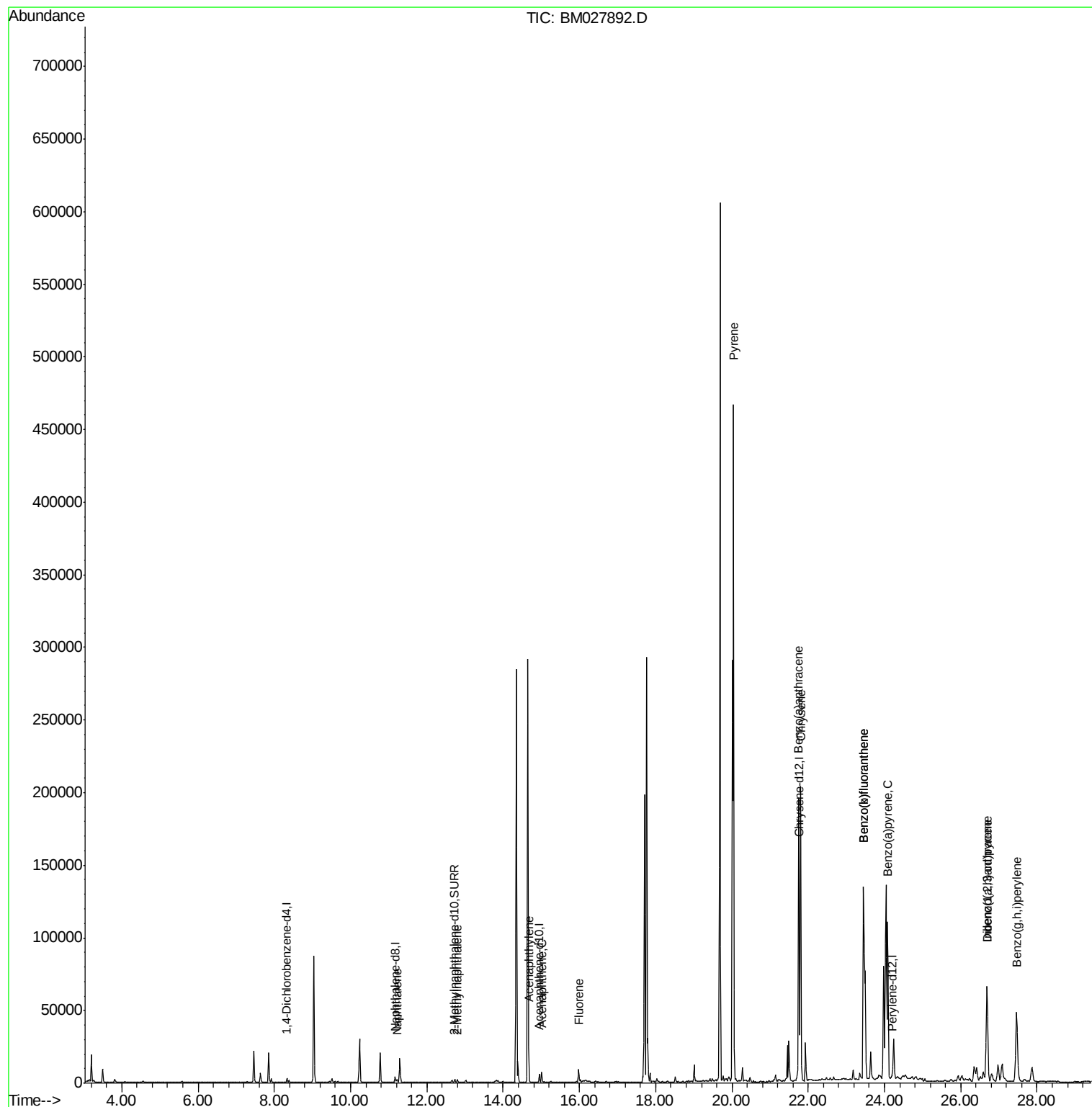
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1307	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	5211	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	3134	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.67
16) Chrysene-d12	21.77	240	2688	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2744	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2301	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3213	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.22	128	2307	0.148	ng/ul	96
5) 2-Methylnaphthalene	12.80	142	1113	0.105	ng/ul	99
7) Acenaphthylene	14.68	152	1702	0.111	ng/ul#	92
8) Acenaphthene	15.01	153	3923	0.342	ng/ul	99
9) Fluorene	15.98	166	5444	0.410	ng/ul	99
17) Pyrene	20.04	202	391355	28.668	ng/ul	99
18) Benzo(a)anthracene	21.75	228	172877	15.940	ng/ul	100
19) Chrysene	21.81	228	196954	18.644	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	321113	27.845	ng/ul	90
22) Benzo(k)fluoranthene	23.45	252	321095	28.433	ng/ul#	91
23) Benzo(a)pyrene	24.08	252	160199	15.888	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.69	276	113074	10.358	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.69	278	27977	3.078	ng/ul	92
26) Benzo(g,h,i)perylene	27.46	276	109850	11.994	ng/ul	92

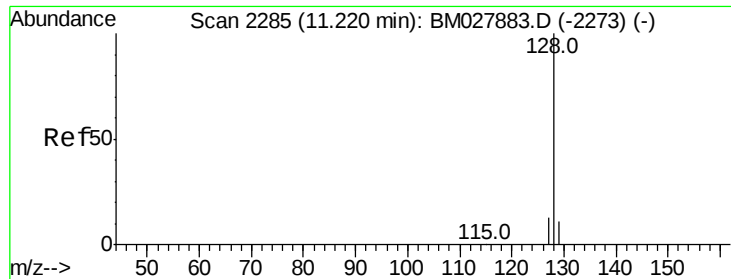
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027892.D
Acq On : 21 Nov 2020 21:44
Operator : JU/CG
Sample : L4711-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B65

Quant Time: Nov 23 04:07:16 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 04:04:52 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.148 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Instrument :

BNA_M

ClientSampleId :

C0B65

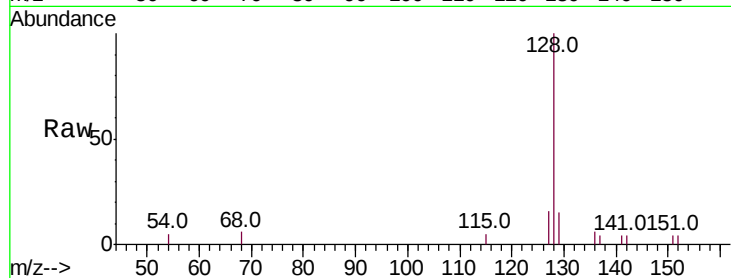
Tot Ion:128 Resp: 2307

Ion Ratio Lower Upper

128 100

129 14.7 10.4 15.6

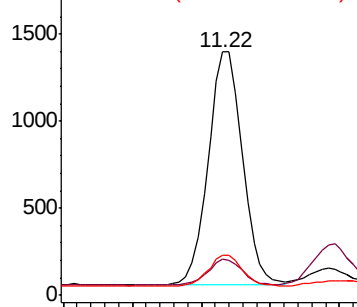
127 16.4 12.0 18.0



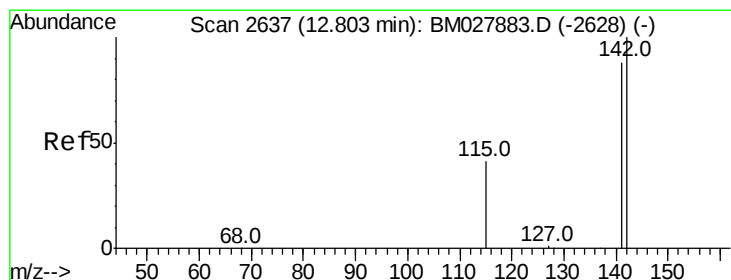
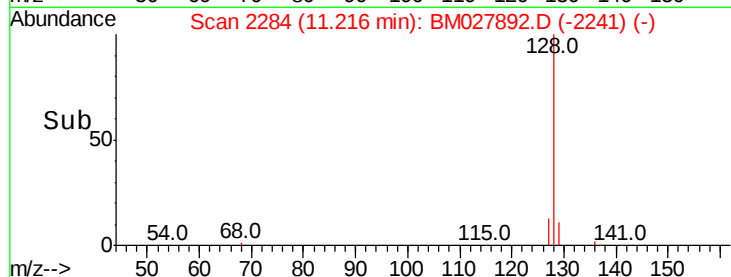
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time--> 11.10 11.15 11.20 11.25



#5

2-Methylnaphthalene

Concen: 0.105 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027892.D

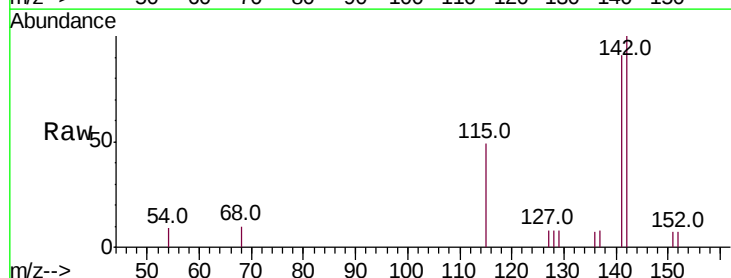
Acq: 21 Nov 2020 21:44

Tgt Ion:142 Resp: 1113

Ion Ratio Lower Upper

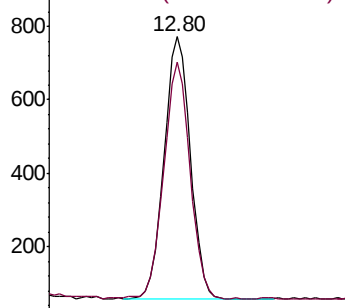
142 100

141 88.7 71.6 107.4

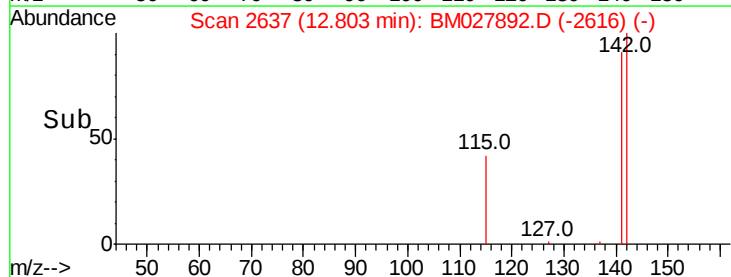


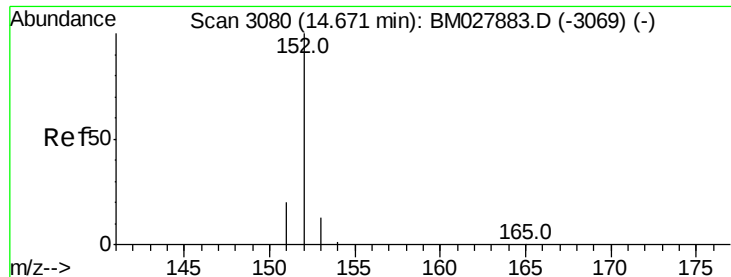
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 12.70 12.80 12.90





#7

Acenaphthylene

Concen: 0.111 ng/ul

RT: 14.68 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Instrument :

BNA_M

ClientSampleId :

C0B65

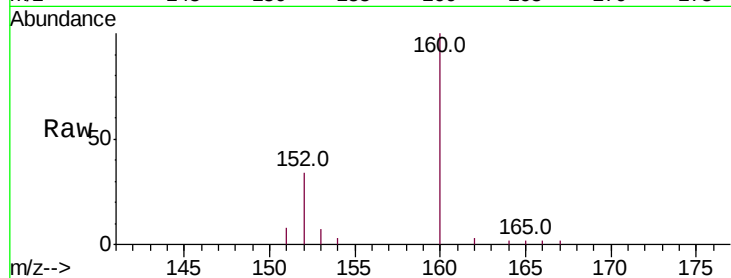
Tot Ion:152 Resp: 1702

Ion Ratio Lower Upper

152 100

151 24.2 17.1 25.7

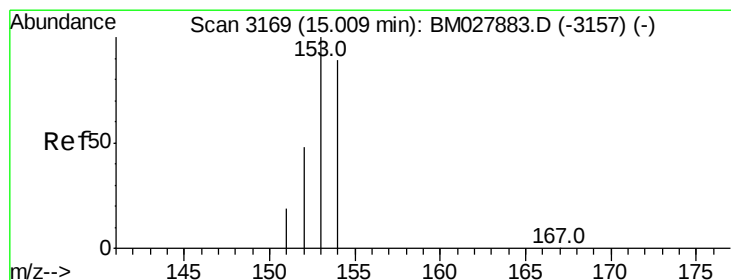
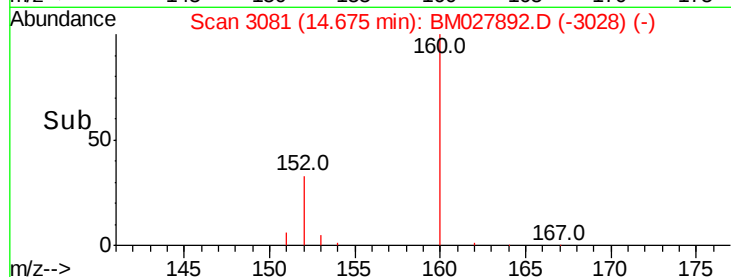
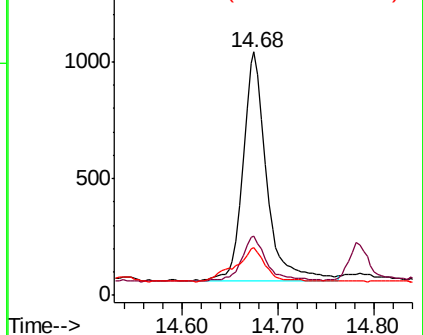
153 19.5 12.0 18.0#



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: 0.342 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

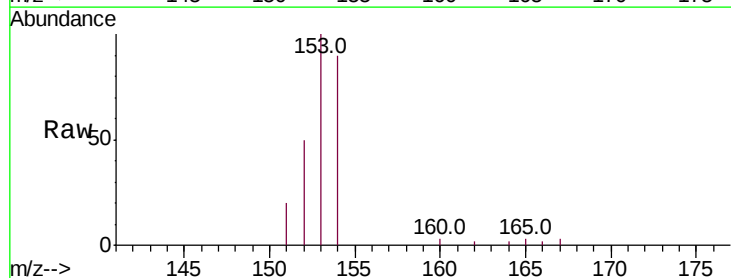
Tgt Ion:153 Resp: 3923

Ion Ratio Lower Upper

153 100

152 49.8 39.0 58.6

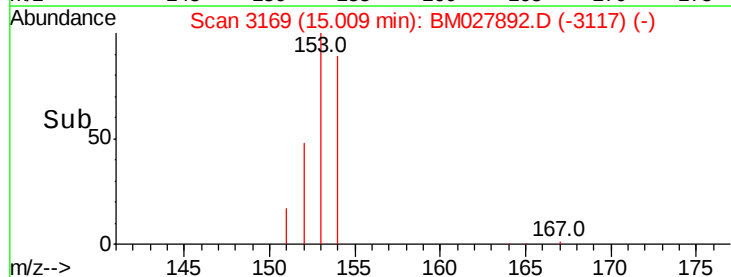
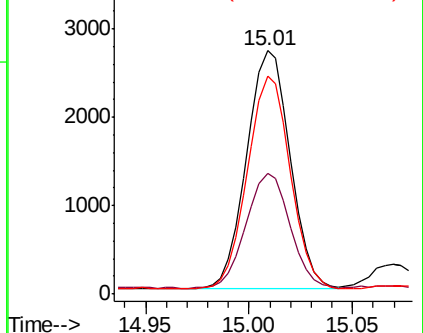
154 89.5 71.6 107.4

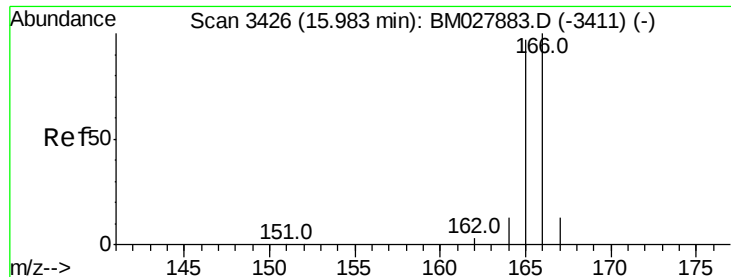


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.410 ng/ul

RT: 15.98 min Scan# 3426

Delta R.T. 0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Instrument :

BNA_M

ClientSampleId :

C0B65

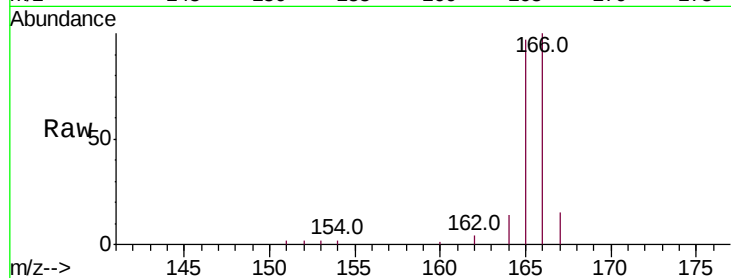
Tot Ion:166 Resp: 5444

Ion Ratio Lower Upper

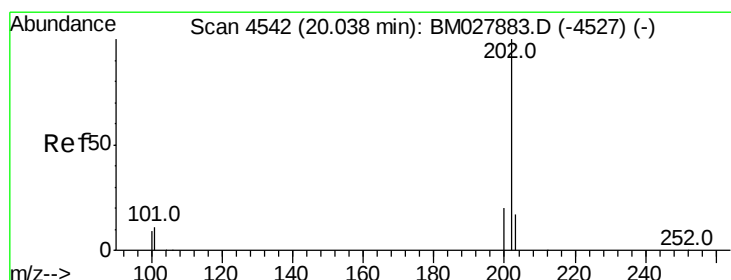
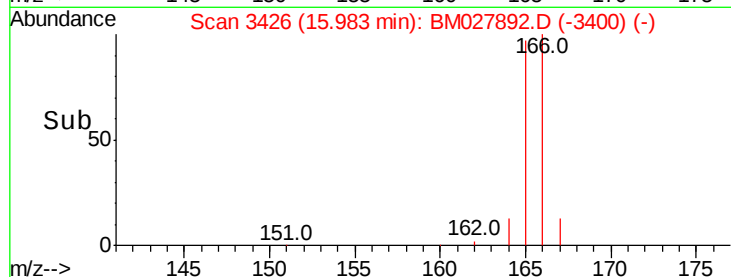
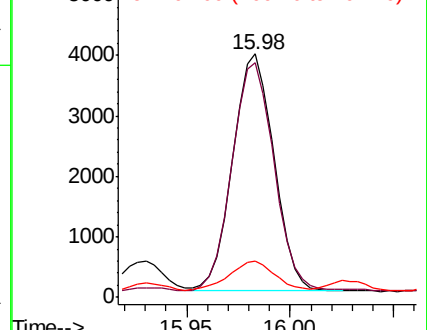
166 100

165 96.5 78.1 117.1

167 15.0 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



#17

Pyrene

Concen: 28.668 ng/ul

RT: 20.04 min Scan# 4543

Delta R.T. 0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

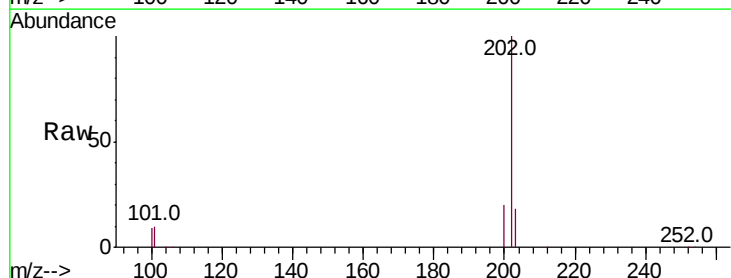
Tgt Ion:202 Resp: 391355

Ion Ratio Lower Upper

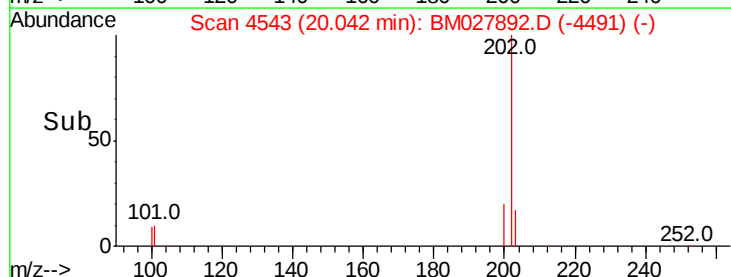
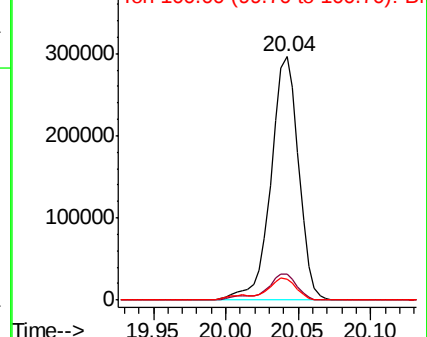
202 100

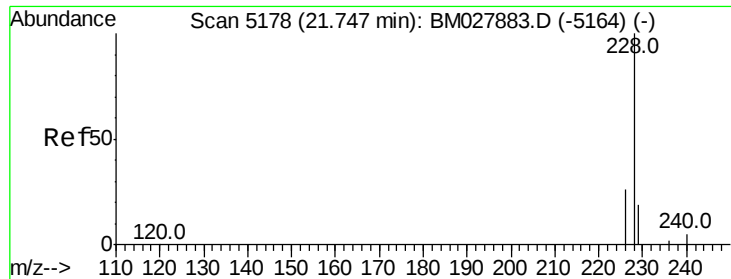
101 10.5 8.2 12.2

100 8.7 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: 15.940 ng/ul

RT: 21.75 min Scan# 5179

Delta R.T. -0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Instrument :

BNA_M

ClientSampleId :

C0B65

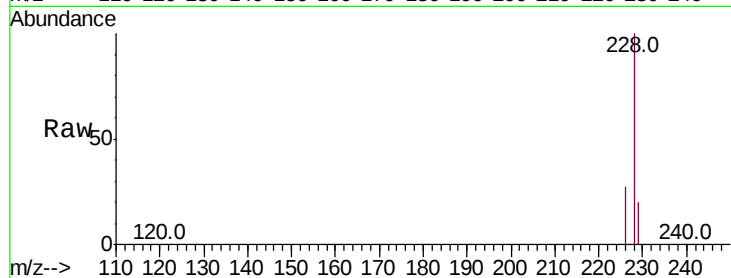
Tot Ion:228 Resp: 172877

Ion Ratio Lower Upper

228 100

229 20.2 16.2 24.4

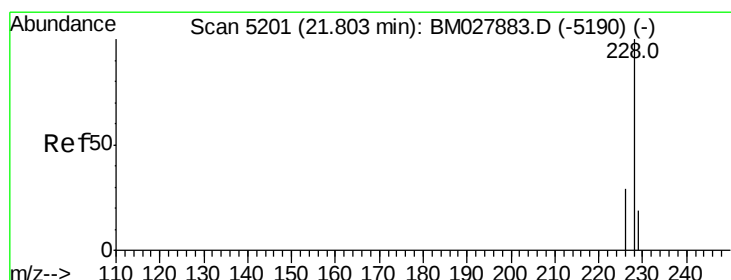
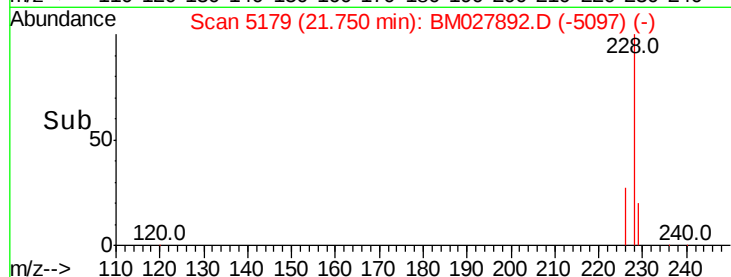
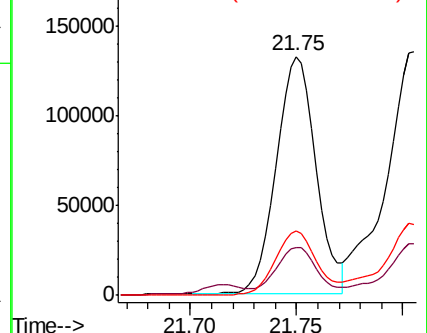
226 26.8 21.5 32.3



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: 18.644 ng/ul

RT: 21.81 min Scan# 5202

Delta R.T. -0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

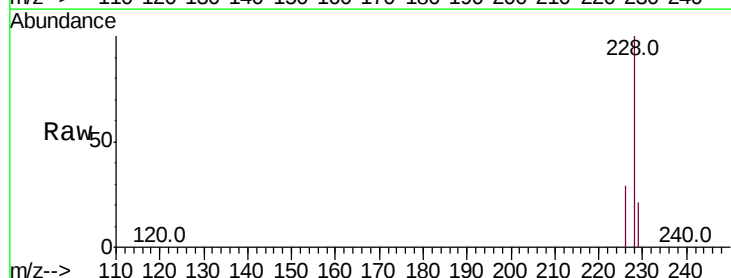
Tgt Ion:228 Resp: 196954

Ion Ratio Lower Upper

228 100

226 29.3 24.1 36.1

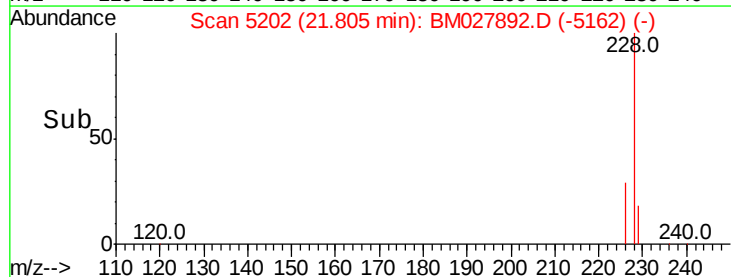
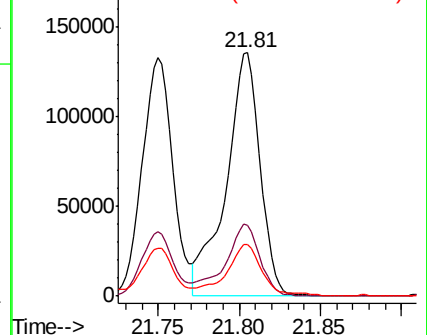
229 21.3 16.6 24.8

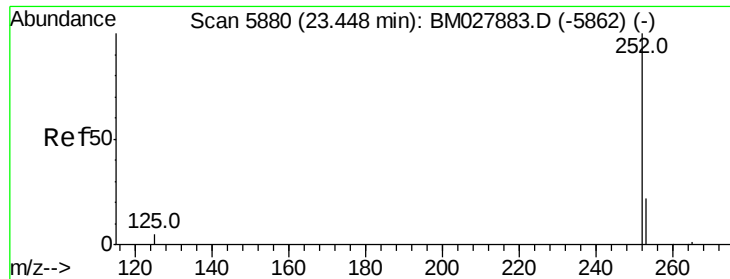


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 27.845 ng/ul

RT: 23.45 min Scan# 5882

Delta R.T. 0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Instrument :

BNA_M

ClientSampleId :

C0B65

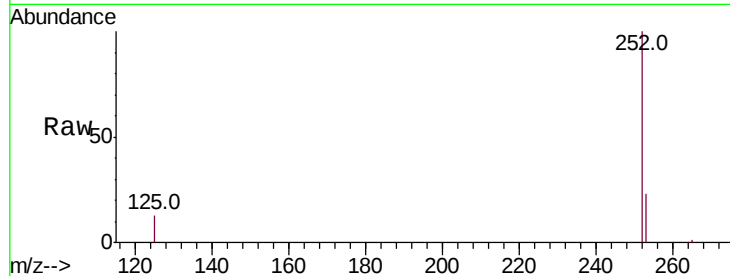
Tot Ion:252 Resp: 321113

Ion Ratio Lower Upper

252 100

253 22.9 0.0 59.6

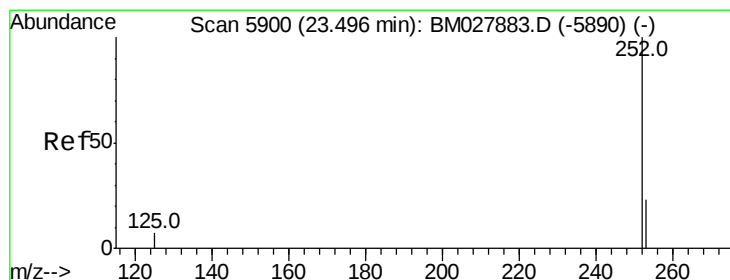
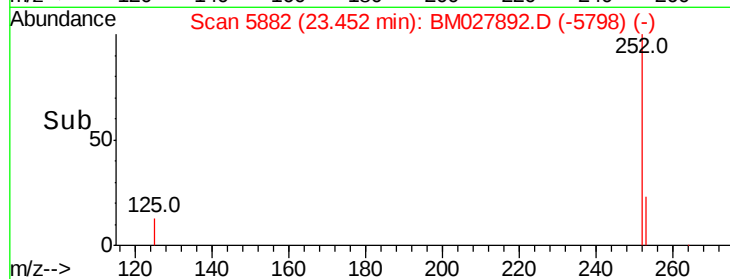
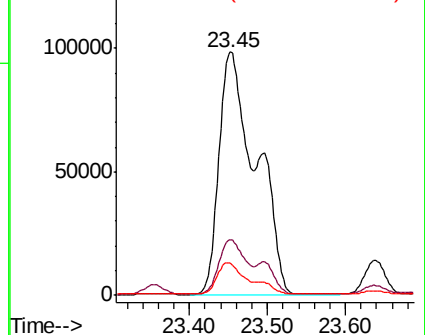
125 13.1 0.0 28.4



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: 28.433 ng/ul

RT: 23.45 min Scan# 5882

Delta R.T. -0.05 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

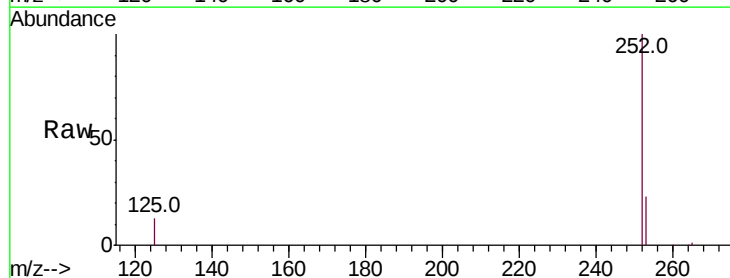
Tgt Ion:252 Resp: 321095

Ion Ratio Lower Upper

252 100

253 22.9 23.2 34.8#

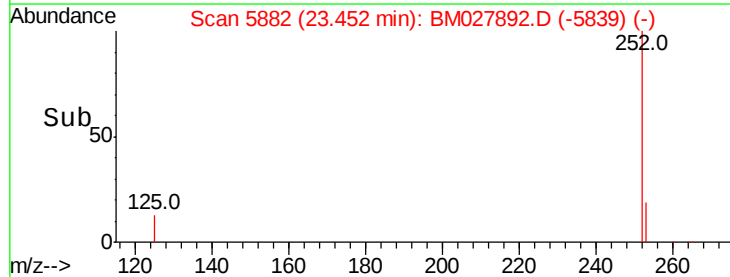
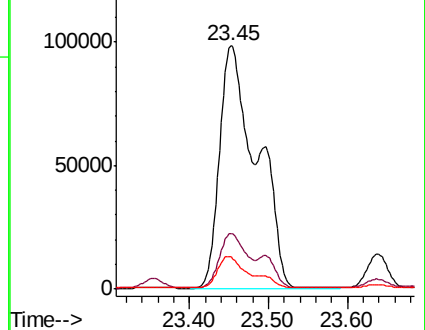
125 13.1 11.8 17.6

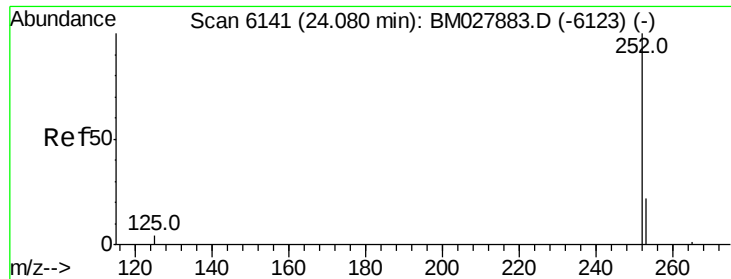


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 15.888 ng/ul

RT: 24.08 min Scan# 6142

Delta R.T. 0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

Instrument :

BNA_M

ClientSampleId :

C0B65

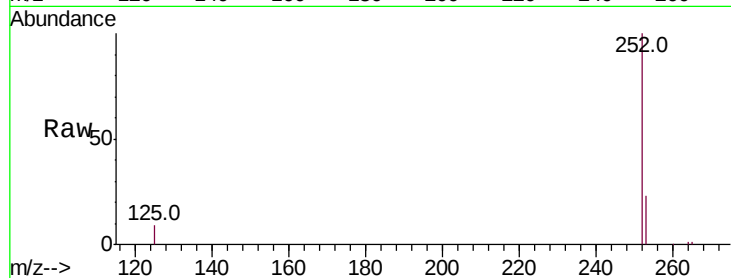
Tot Ion:252 Resp: 160199

Ion Ratio Lower Upper

252 100

253 22.5 25.2 37.8#

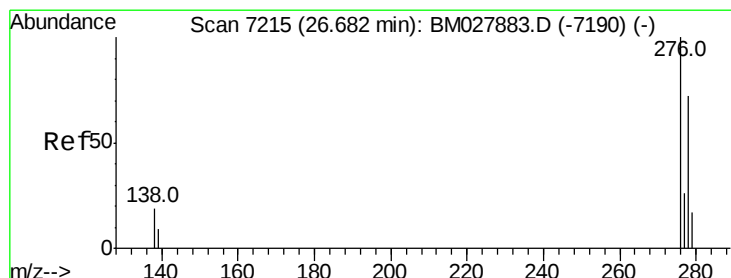
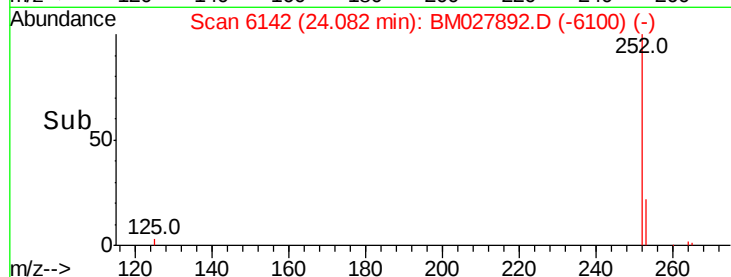
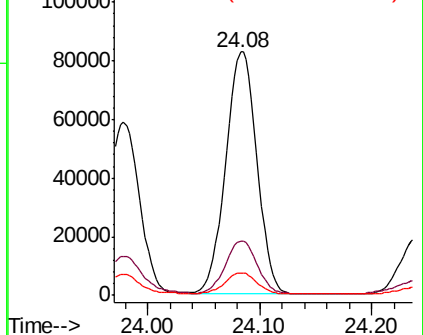
125 9.2 13.8 20.6#



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: 10.358 ng/ul

RT: 26.69 min Scan# 7218

Delta R.T. 0.00 min

Lab File: BM027892.D

Acq: 21 Nov 2020 21:44

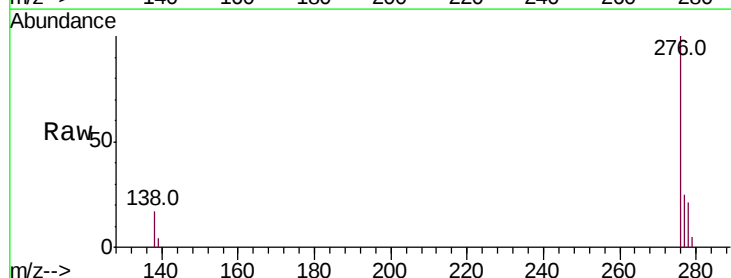
Tgt Ion:276 Resp: 113074

Ion Ratio Lower Upper

276 100

138 17.1 15.7 23.5

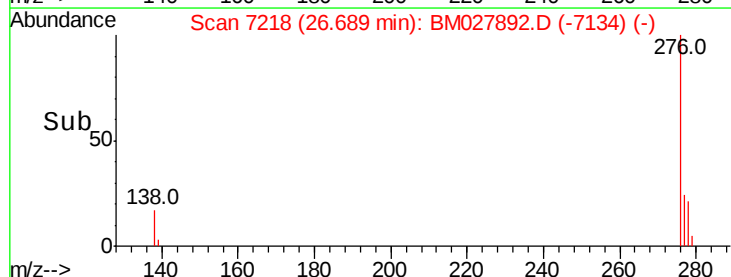
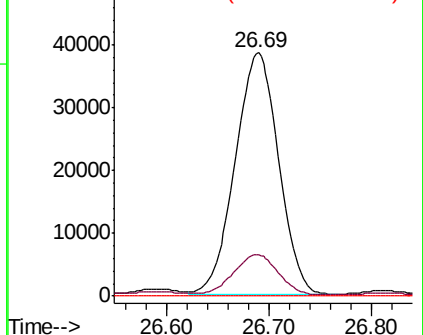
227 0.0 0.0 0.0

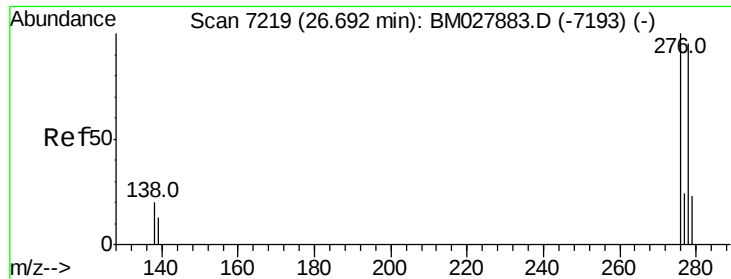


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



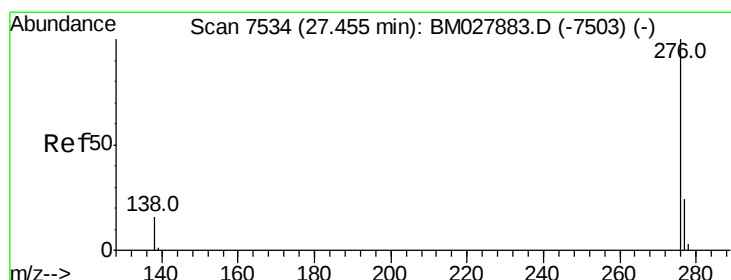
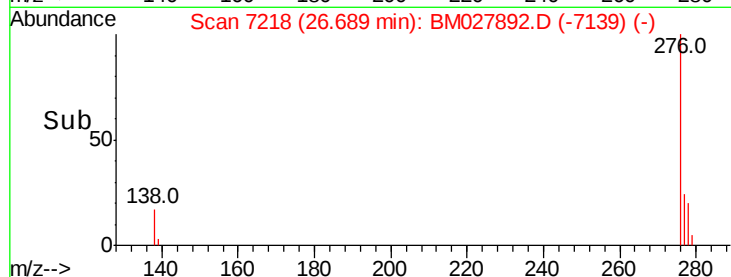
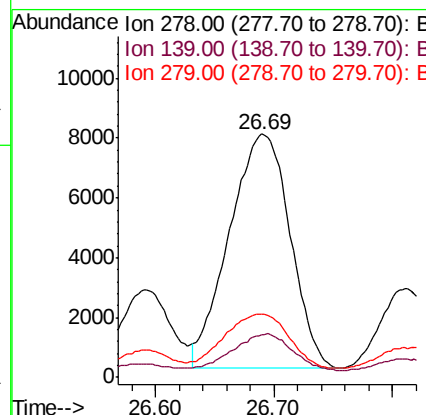
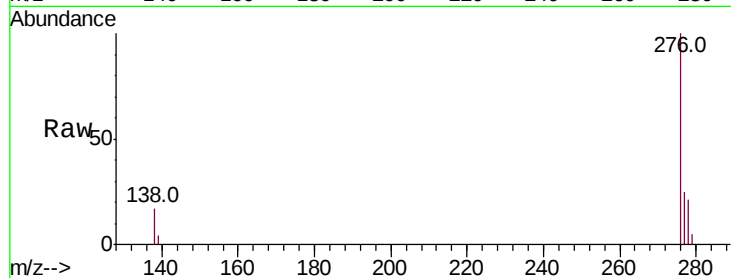


#25
Dibenzo(a,h)anthracene
Concen: 3.078 ng/ul
RT: 26.69 min Scan# 7218
Delta R.T. -0.01 min
Lab File: BM027892.D
Acq: 21 Nov 2020 21:44

Instrument :
BNA_M
ClientSampleId :
C0B65

Tot Ion:278 Resp: 27977

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.8	22.2
279	25.8	25.8	38.6



#26
Benzo(g,h,i)perylene
Concen: 11.994 ng/ul
RT: 27.46 min Scan# 7538
Delta R.T. 0.00 min
Lab File: BM027892.D
Acq: 21 Nov 2020 21:44

Tgt Ion:276 Resp: 109850

Ion	Ratio	Lower	Upper
276	100		
138	17.5	17.4	26.2
277	24.2	22.5	33.7

