

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027883.D
 Acq On : 21 Nov 2020 16:10
 Operator : JU/CG
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.436

Quant Time: Nov 23 03:00:26 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 02:58:43 2020
 Response via : Initial Calibration

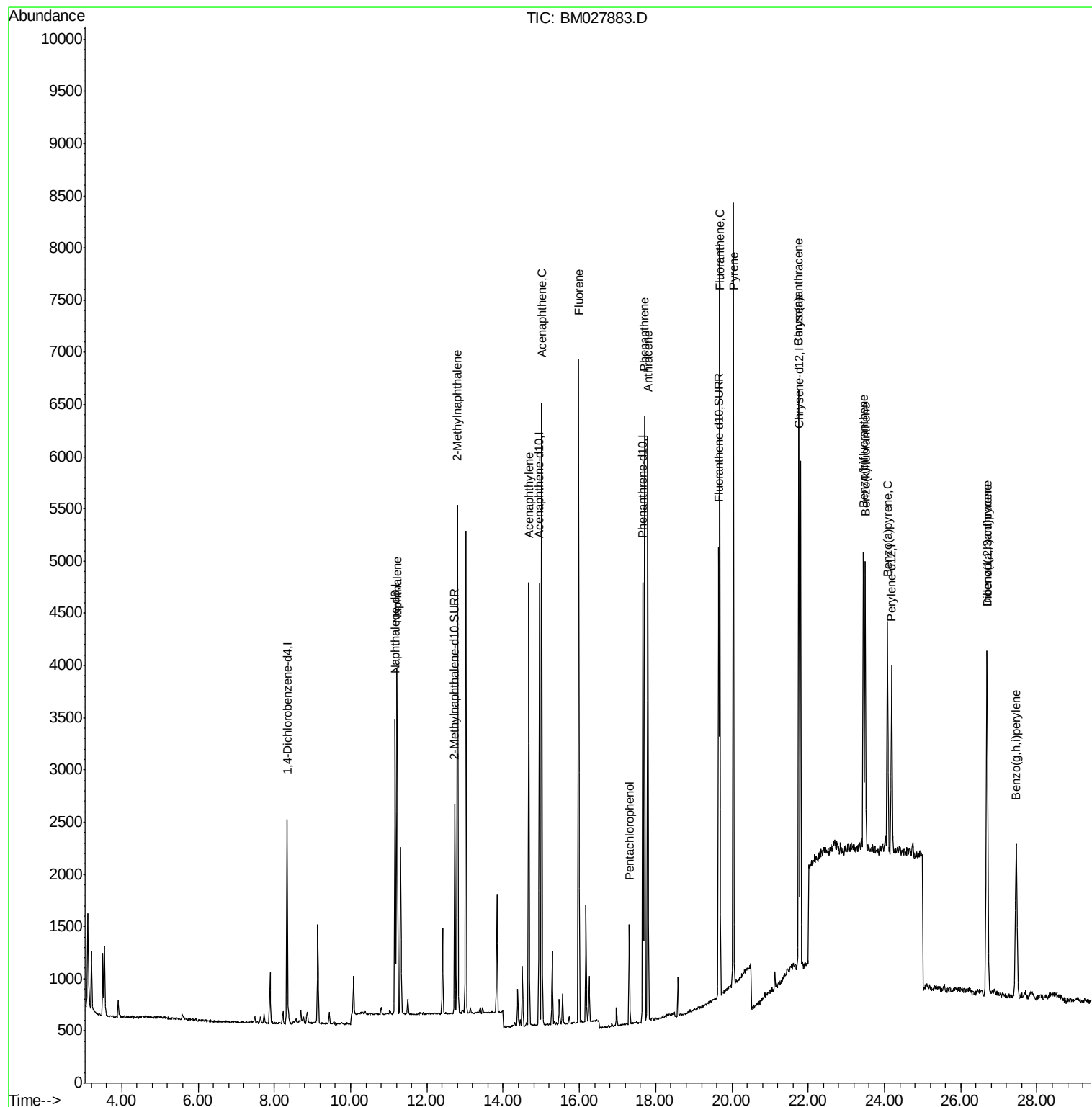
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	952	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3800	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2315	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4725	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2710	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2360	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2481	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	4628	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	4527	0.397	ng/ul	99
5) 2-Methylnaphthalene	12.80	142	3207	0.414	ng/ul	99
7) Acenaphthylene	14.67	152	4721	0.418	ng/ul	99
8) Acenaphthene	15.01	153	3384	0.400	ng/ul	100
9) Fluorene	15.98	166	3916	0.399	ng/ul	100
11) Pentachlorophenol	17.31	266	611	0.380	ng/ul	98
12) Phenanthrene	17.70	178	5965	0.400	ng/ul	99
13) Anthracene	17.79	178	5891	0.409	ng/ul	98
15) Fluoranthene	19.68	202	6165	0.373	ng/ul	96
17) Pyrene	20.04	202	6042	0.439	ng/ul#	95
18) Benzo(a)anthracene	21.75	228	4324	0.395	ng/ul#	93
19) Chrysene	21.75	228	4324	0.406	ng/ul	96
21) Benzo(b)fluoranthene	23.45	252	3739	0.377	ng/ul	86
22) Benzo(k)fluoranthene	23.50	252	3622	0.373	ng/ul#	85
23) Benzo(a)pyrene	24.08	252	3273	0.377	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.68	276	3900	0.415	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.69	278	3269	0.418	ng/ul#	86
26) Benzo(g,h,i)perylene	27.45	276	3354	0.426	ng/ul	92

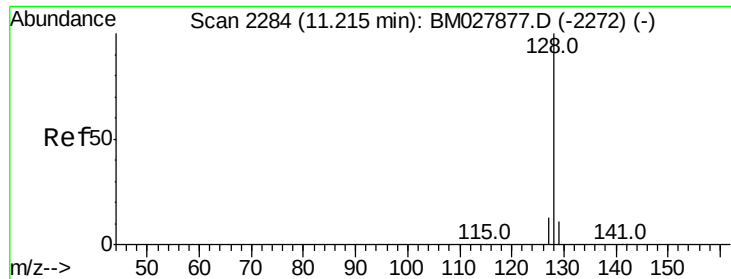
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.397 ng/ul

RT: 11.22 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BM027883.D

Acq: 21 Nov 2020 16:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

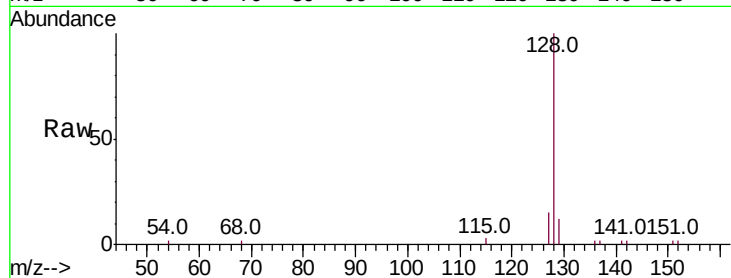
Tot Ion:128 Resp: 4527

Ion Ratio Lower Upper

128 100

129 12.5 10.4 15.6

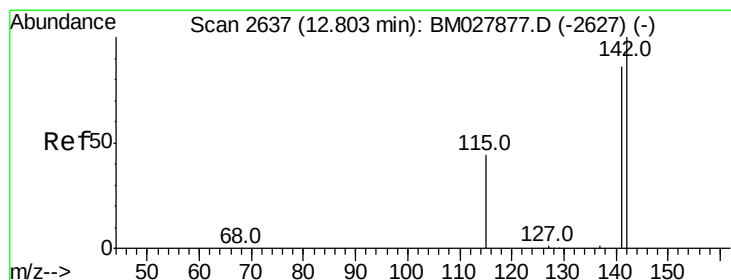
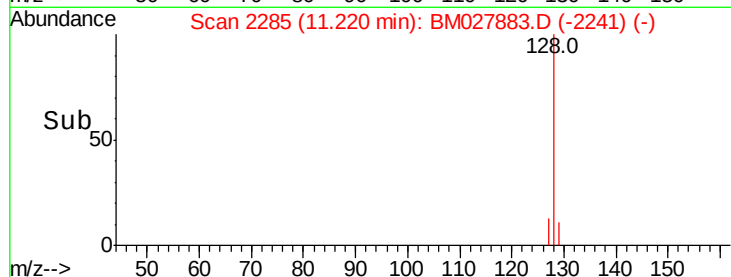
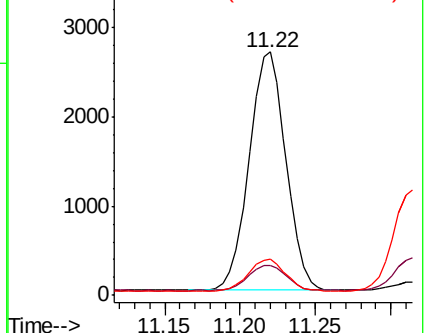
127 14.8 12.0 18.0



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: 0.414 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027883.D

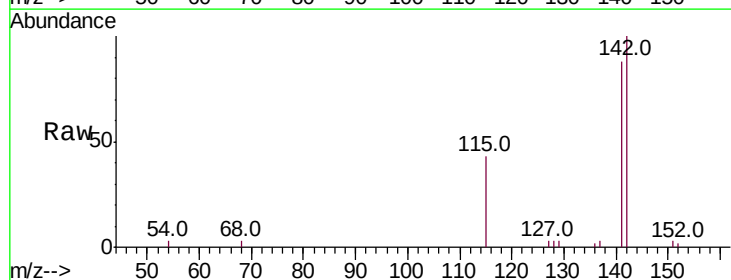
Acq: 21 Nov 2020 16:10

Tgt Ion:142 Resp: 3207

Ion Ratio Lower Upper

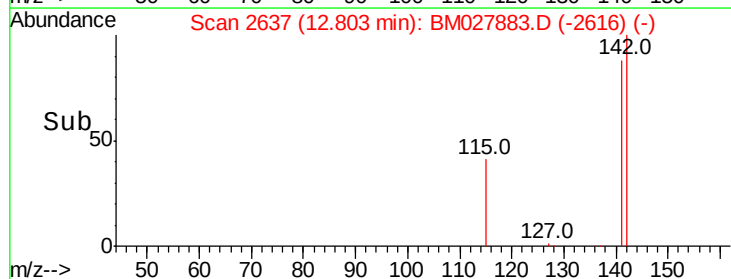
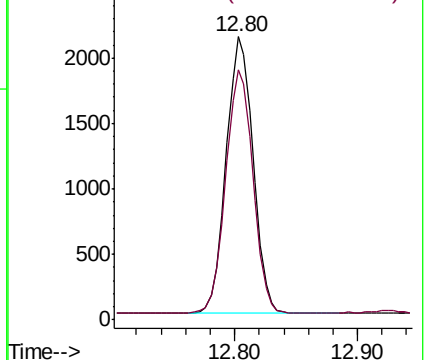
142 100

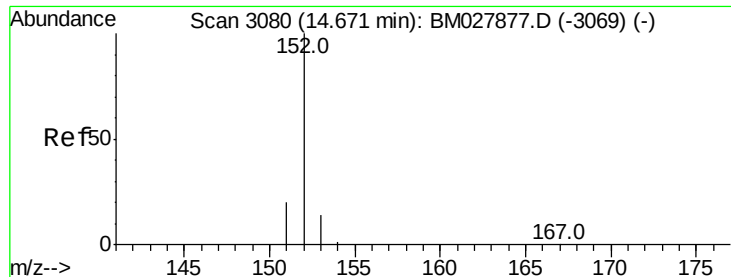
141 88.7 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.418 ng/ul

RT: 14.67 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM027883.D

Acq: 21 Nov 2020 16:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

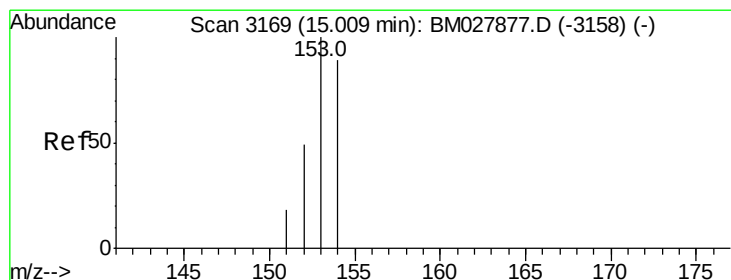
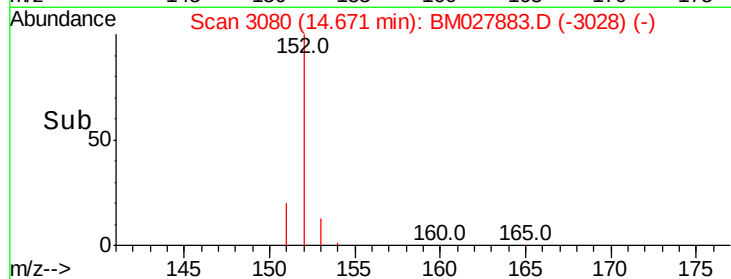
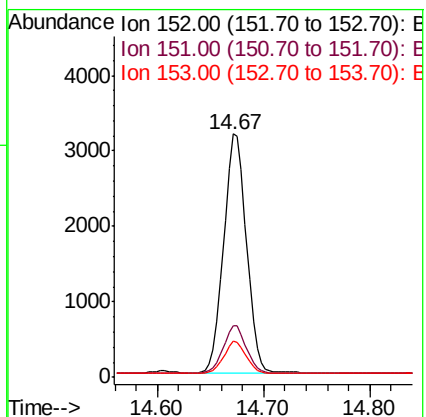
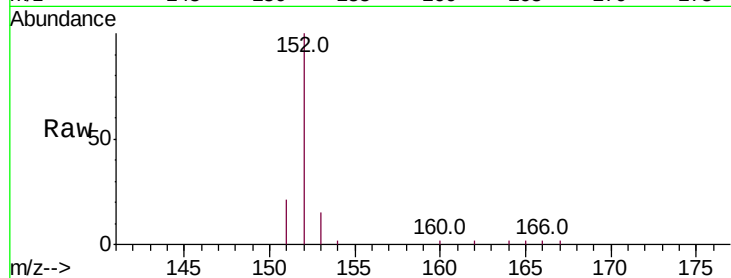
Tot Ion:152 Resp: 4721

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

153 14.7 12.0 18.0



#8

Acenaphthene

Concen: 0.400 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM027883.D

Acq: 21 Nov 2020 16:10

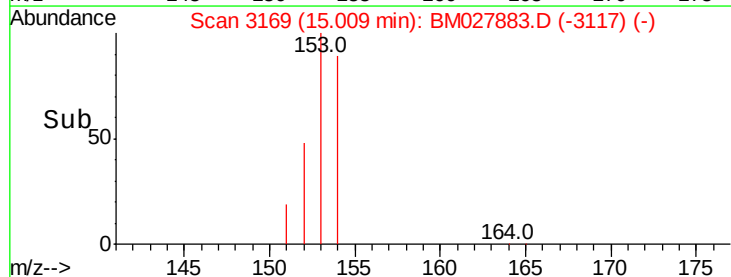
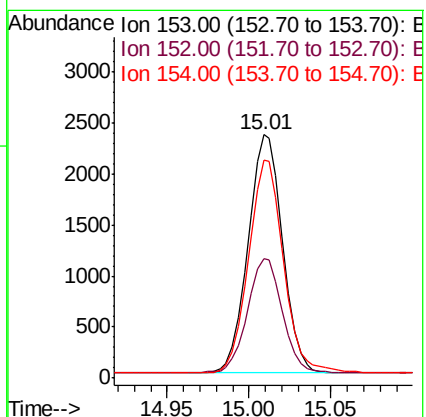
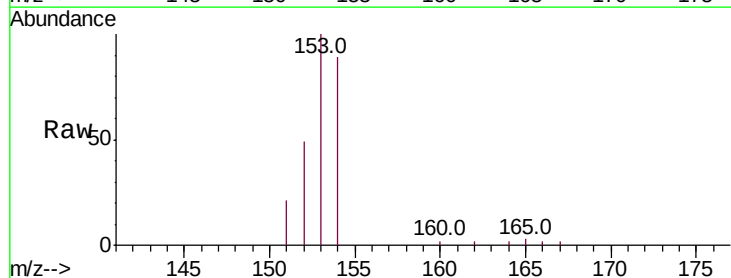
Tgt Ion:153 Resp: 3384

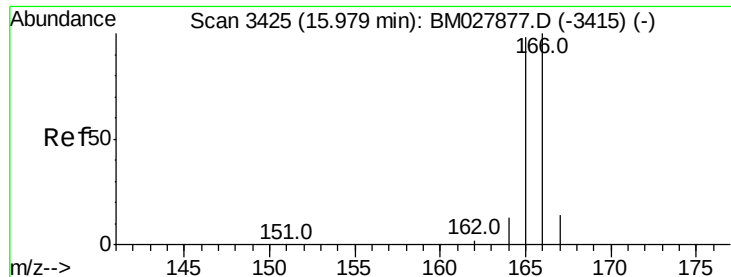
Ion Ratio Lower Upper

153 100

152 49.3 39.0 58.6

154 89.4 71.6 107.4





#9

Fluorene

Concen: 0.399 ng/ul

RT: 15.98 min Scan# 3426

Delta R.T. 0.00 min

Lab File: BM027883.D

Acq: 21 Nov 2020 16:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

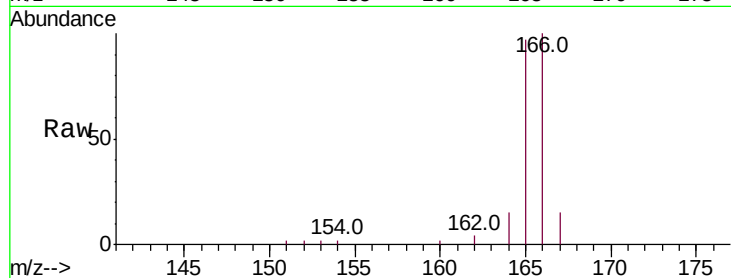
Tot Ion:166 Resp: 3916

Ion Ratio Lower Upper

166 100

165 97.5 78.1 117.1

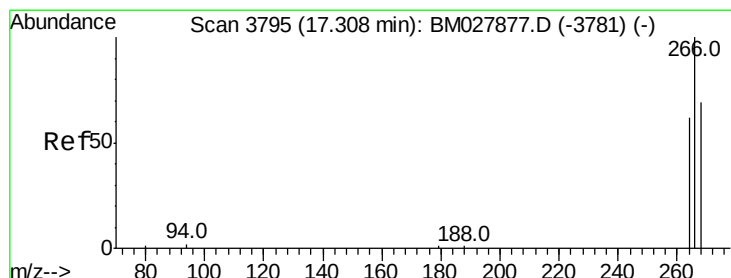
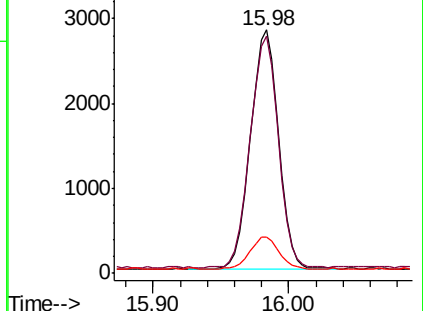
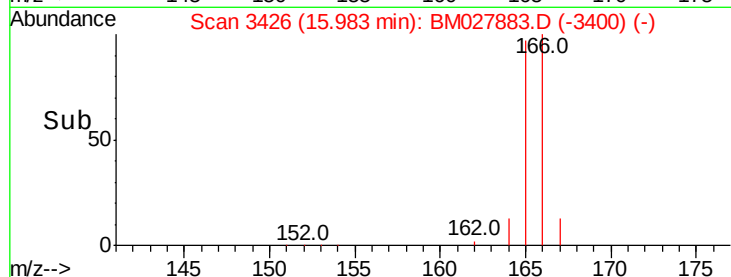
167 14.9 11.8 17.8



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



#11

Pentachlorophenol

Concen: 0.380 ng/ul

RT: 17.31 min Scan# 3796

Delta R.T. 0.00 min

Lab File: BM027883.D

Acq: 21 Nov 2020 16:10

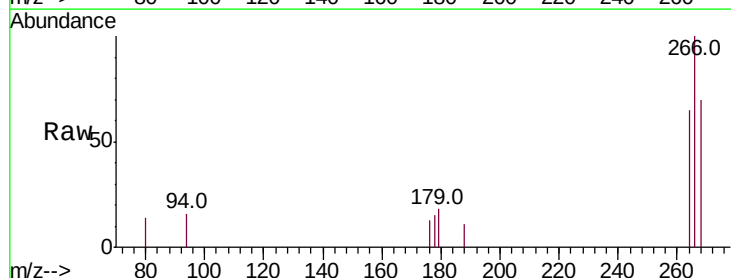
Tgt Ion:266 Resp: 611

Ion Ratio Lower Upper

266 100

264 64.6 49.6 74.4

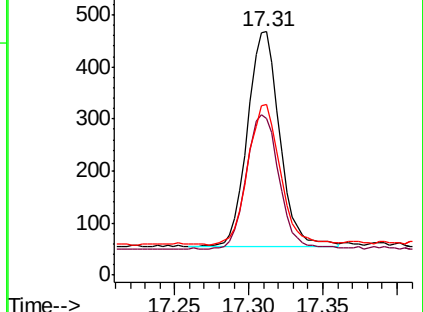
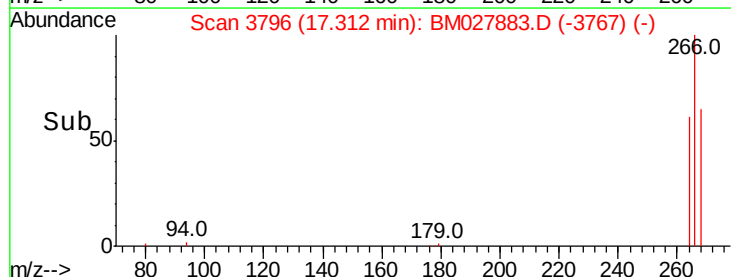
268 66.3 52.1 78.1

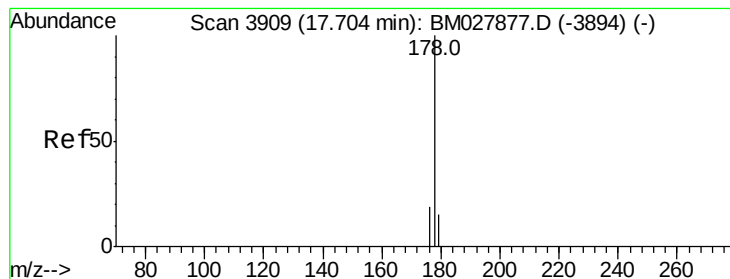


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

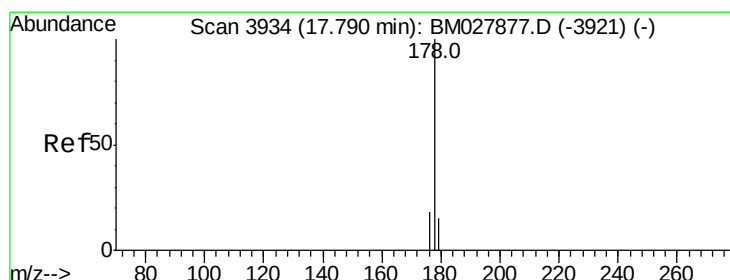
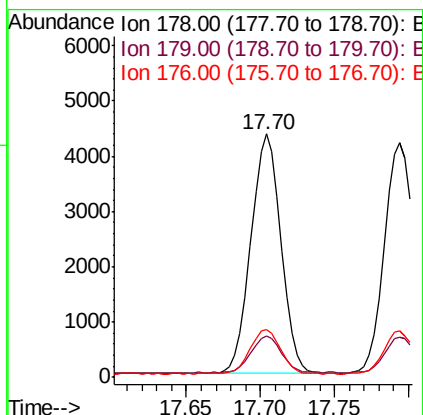
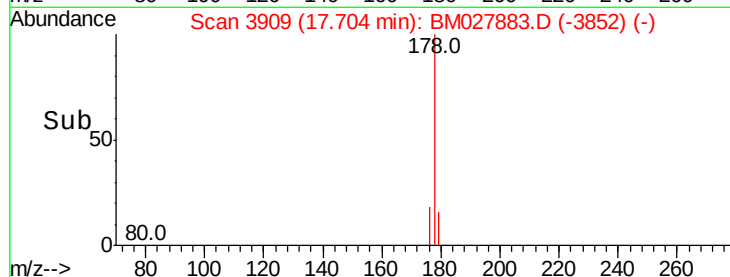
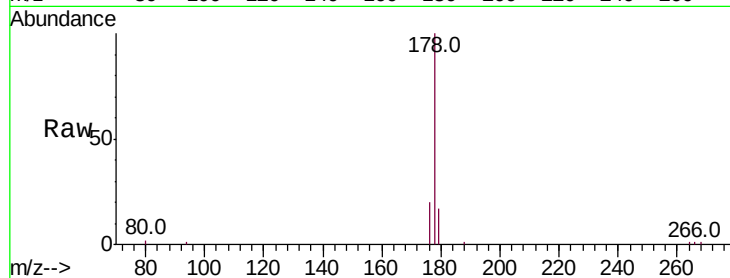




#12
Phenanthrene
Concen: 0.400 ng/ul
RT: 17.70 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BM027883.D
Acq: 21 Nov 2020 16:10

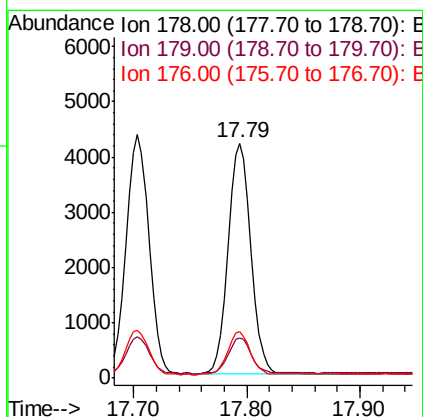
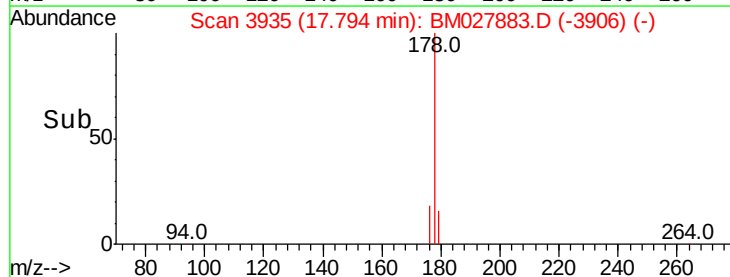
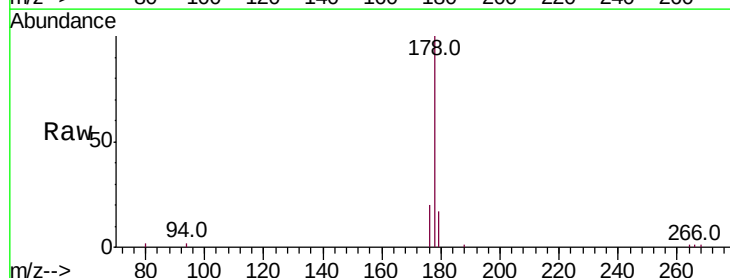
Instrument :
BNA_M
ClientSampleId :
SSTD0.436

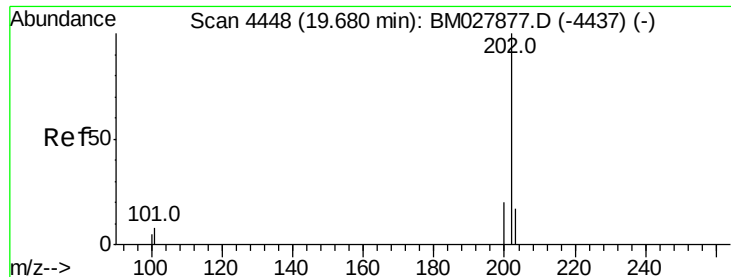
Tot Ion:178 Resp: 5965
Ion Ratio Lower Upper
178 100
179 17.3 13.6 20.4
176 19.6 16.1 24.1



#13
Anthracene
Concen: 0.409 ng/ul
RT: 17.79 min Scan# 3935
Delta R.T. 0.00 min
Lab File: BM027883.D
Acq: 21 Nov 2020 16:10

Tgt Ion:178 Resp: 5891
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.2
176 20.0 15.0 22.6

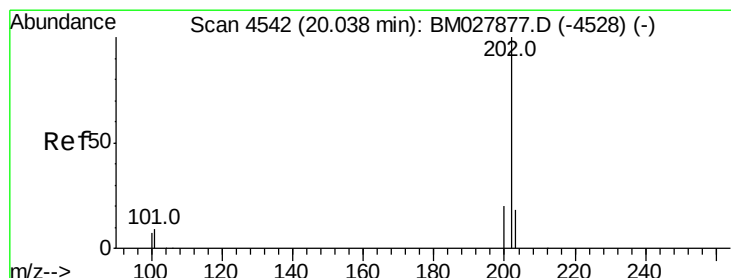
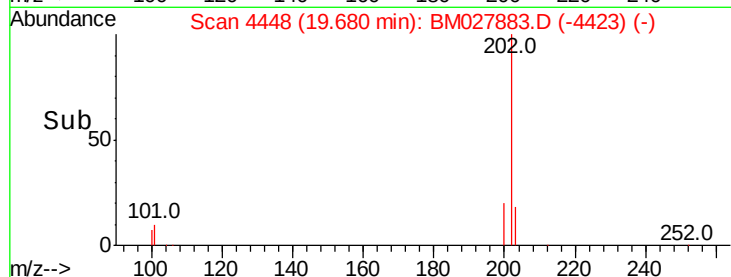
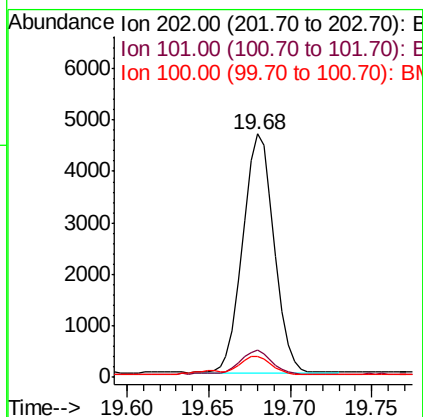
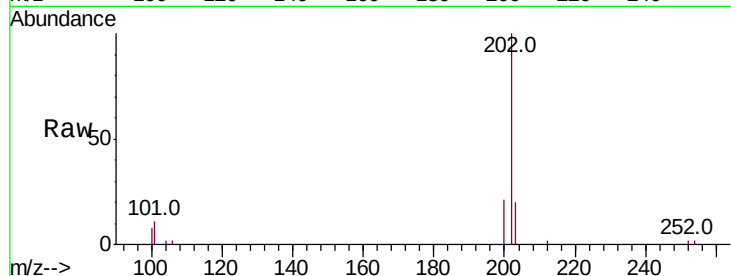




#15
Fluoranthene
 Concen: 0.373 ng/ul
 RT: 19.68 min Scan# 4448
 Delta R.T. -0.00 min
 Lab File: BM027883.D
 Acq: 21 Nov 2020 16:10

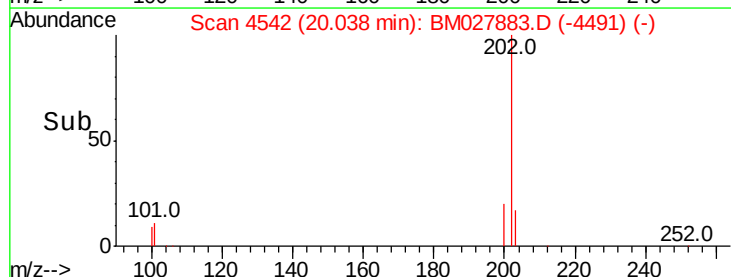
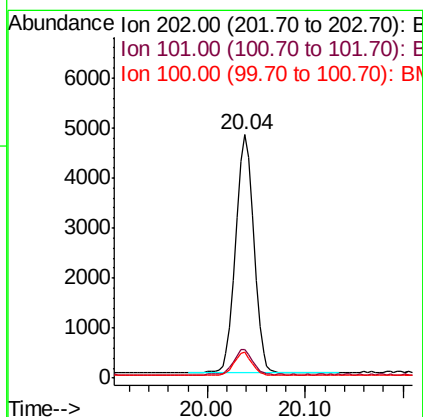
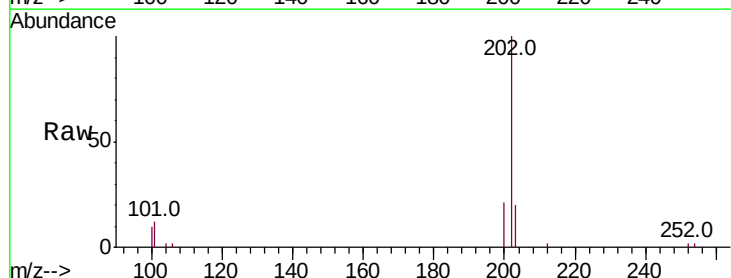
Instrument :
 BNA_M
 ClientSampleId :
 SST0.436

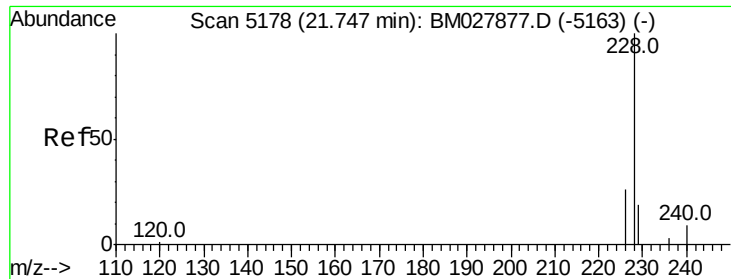
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	29.3
100	8.3	0.0	27.4



#17
Pyrene
 Concen: 0.439 ng/ul
 RT: 20.04 min Scan# 4542
 Delta R.T. -0.00 min
 Lab File: BM027883.D
 Acq: 21 Nov 2020 16:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.2	12.2
100	10.4	6.9	10.3#

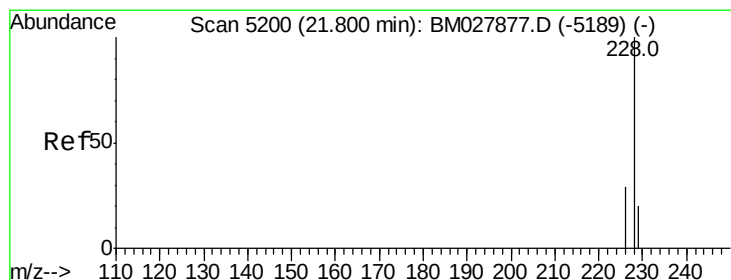
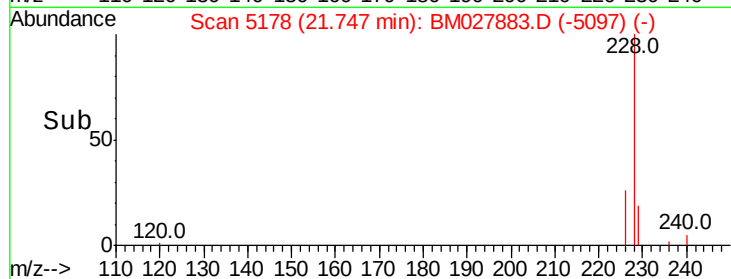
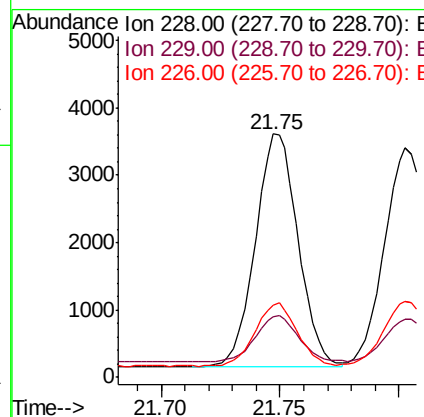
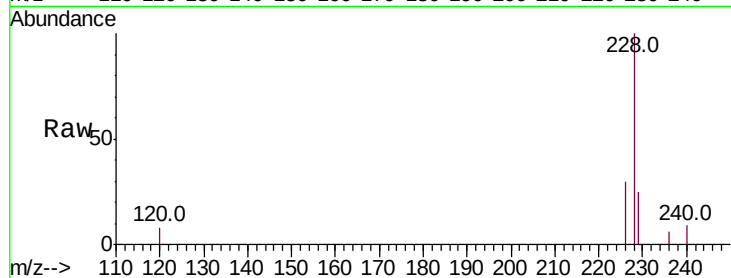




#18
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027883.D
Acq: 21 Nov 2020 16:10

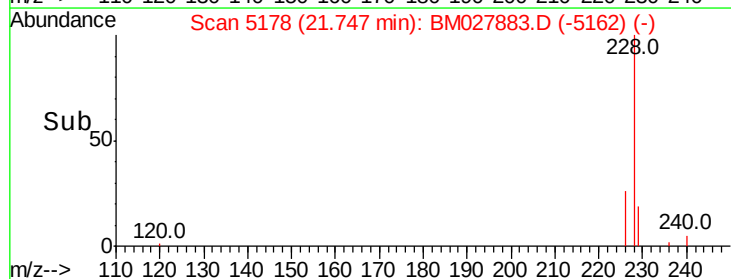
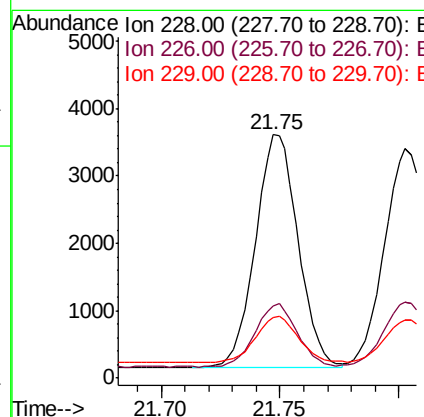
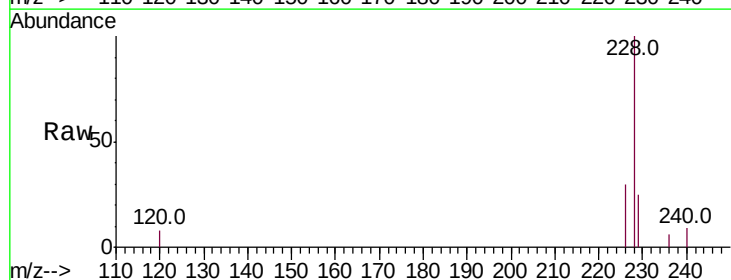
Instrument :
BNA_M
ClientSampleId :
SSTD0.436

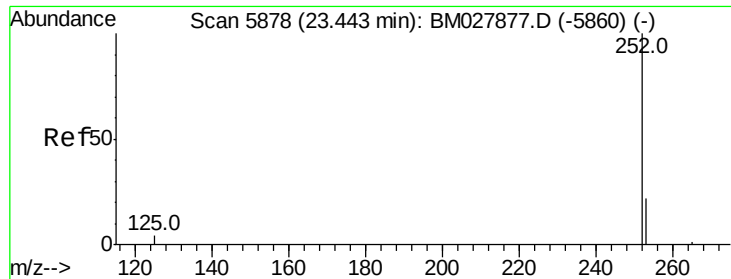
Tot Ion:228 Resp: 4324
Ion Ratio Lower Upper
228 100
229 24.7 16.2 24.4#
226 29.7 21.5 32.3



#19
Chrysene
Concen: 0.406 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.06 min
Lab File: BM027883.D
Acq: 21 Nov 2020 16:10

Tgt Ion:228 Resp: 4324
Ion Ratio Lower Upper
228 100
226 29.7 24.1 36.1
229 24.7 16.6 24.8





#21

Benzo(b)fluoranthene

Concen: 0.377 ng/ul

RT: 23.45 min Scan# 5880

Delta R.T. -0.00 min

Lab File: BM027883.D

Acq: 21 Nov 2020 16:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

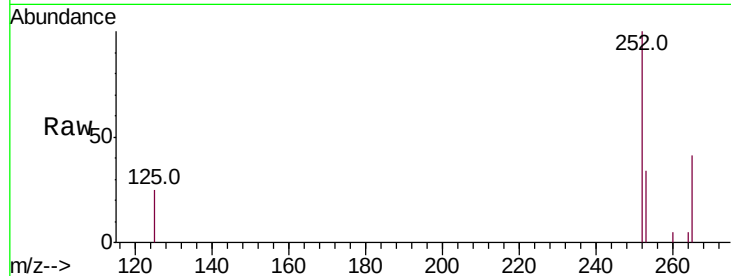
Tot Ion:252 Resp: 3739

Ion Ratio Lower Upper

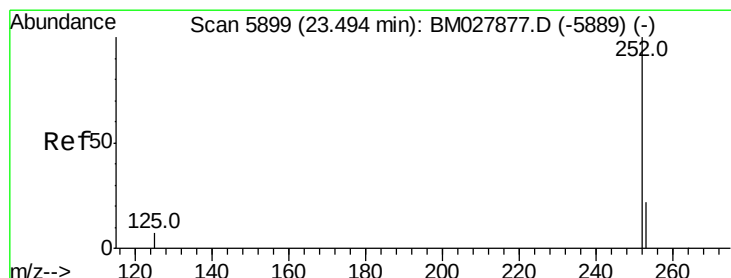
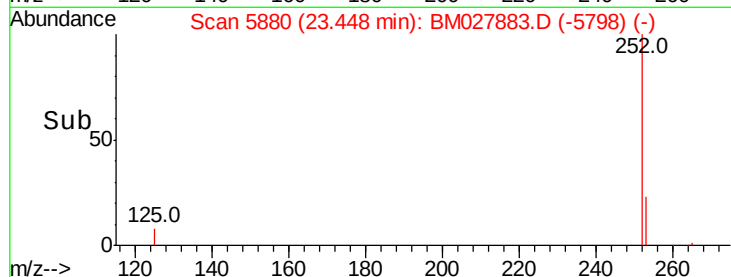
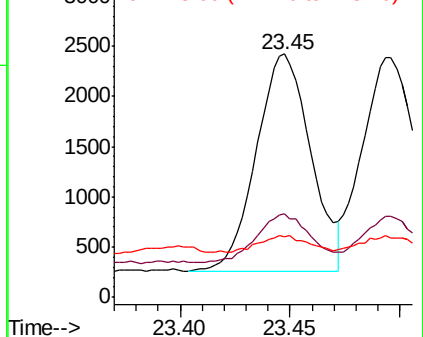
252 100

253 34.2 0.0 59.6

125 25.1 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: 0.373 ng/ul

RT: 23.50 min Scan# 5900

Delta R.T. -0.00 min

Lab File: BM027883.D

Acq: 21 Nov 2020 16:10

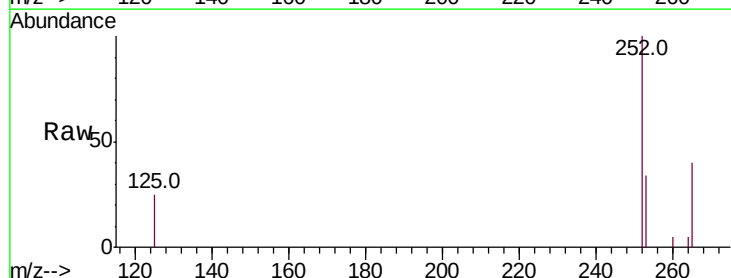
Tgt Ion:252 Resp: 3622

Ion Ratio Lower Upper

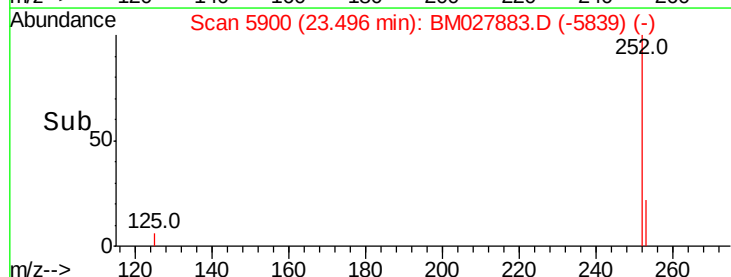
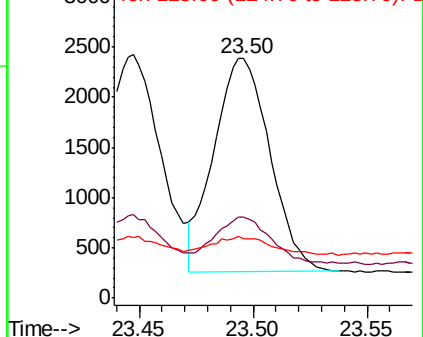
252 100

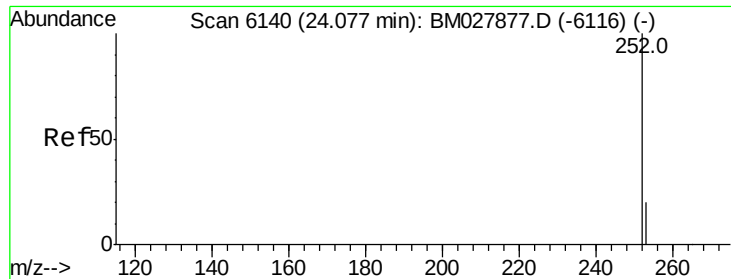
253 34.1 23.2 34.8

125 24.8 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: 0.377 ng/ul

RT: 24.08 min Scan# 6141

Delta R.T. 0.00 min

Lab File: BM027883.D

Acq: 21 Nov 2020 16:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.436

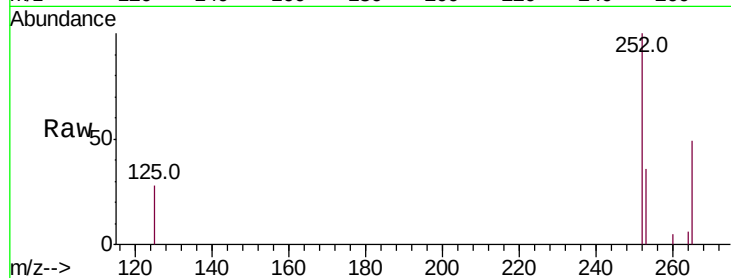
Tot Ion:252 Resp: 3273

Ion Ratio Lower Upper

252 100

253 35.6 25.2 37.8

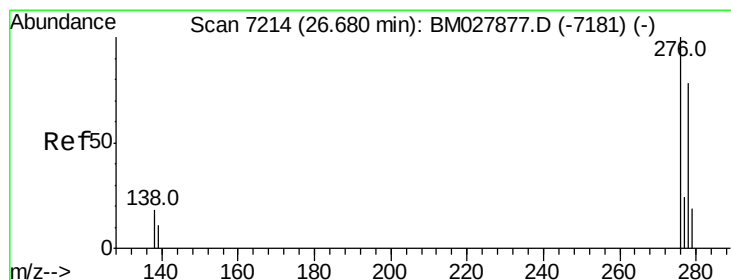
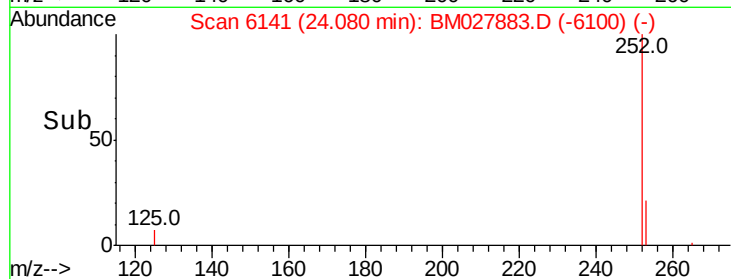
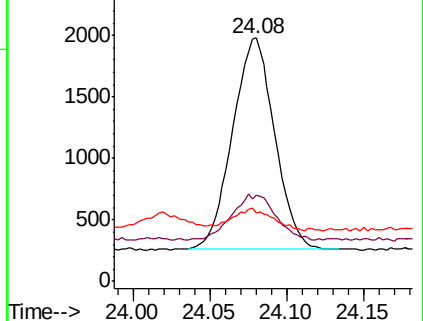
125 28.3 13.8 20.6#



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: 0.415 ng/ul

RT: 26.68 min Scan# 7215

Delta R.T. -0.00 min

Lab File: BM027883.D

Acq: 21 Nov 2020 16:10

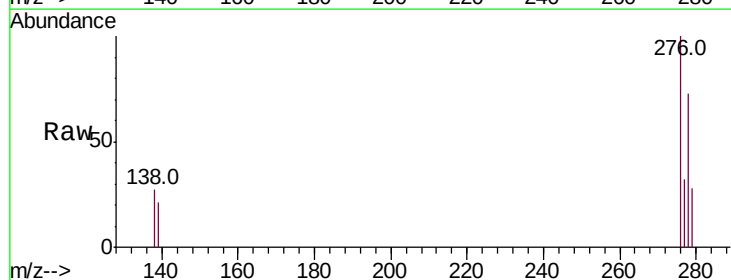
Tgt Ion:276 Resp: 3900

Ion Ratio Lower Upper

276 100

138 20.5 15.7 23.5

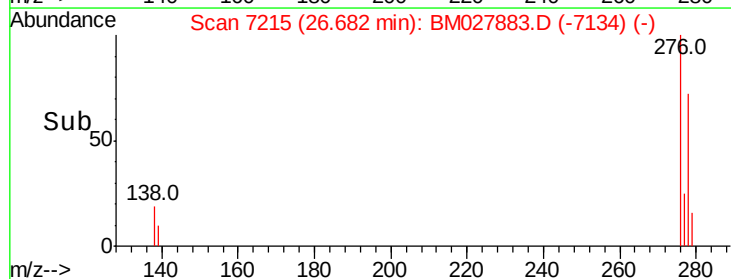
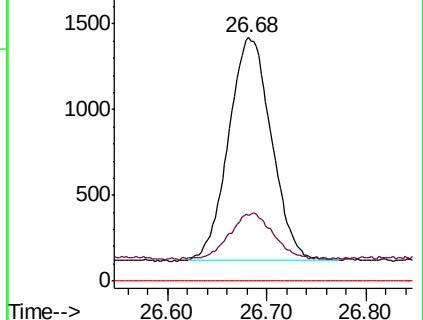
227 0.0 0.0 0.0

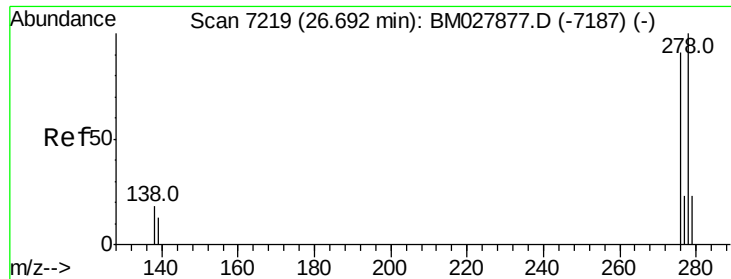


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

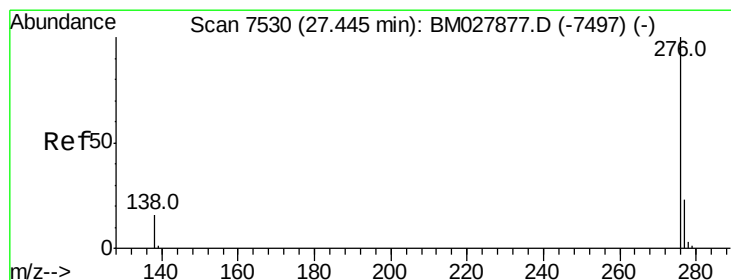
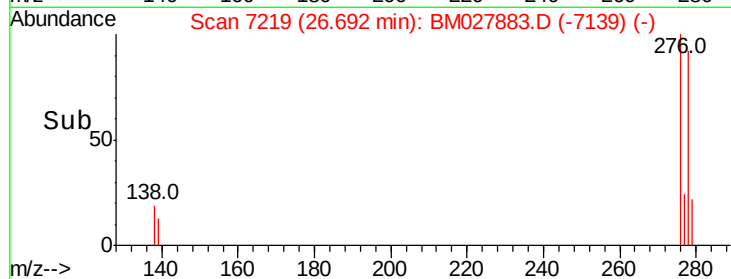
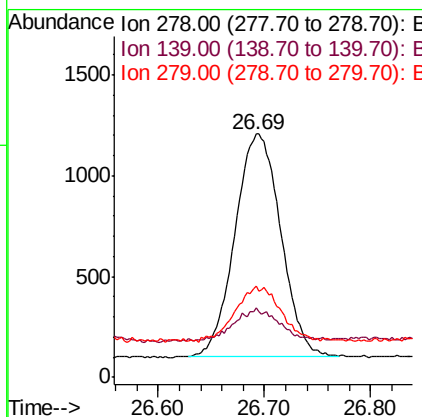
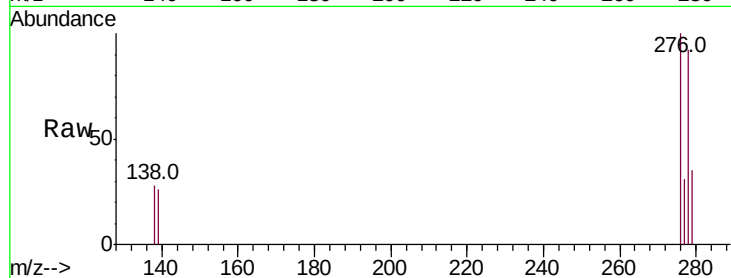




#25
Dibenzo(a,h)anthracene
Concen: 0.418 ng/ul
RT: 26.69 min Scan# 7219
Delta R.T. -0.01 min
Lab File: BM027883.D
Acq: 21 Nov 2020 16:10

Instrument :
BNA_M
ClientSampleId :
SSTD0.436

Tot Ion:278 Resp: 3269
Ion Ratio Lower Upper
278 100
139 28.3 14.8 22.2#
279 37.6 25.8 38.6



#26
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 27.45 min Scan# 7534
Delta R.T. -0.01 min
Lab File: BM027883.D
Acq: 21 Nov 2020 16:10

Tgt Ion:276 Resp: 3354
Ion Ratio Lower Upper
276 100
138 26.0 17.4 26.2
277 32.4 22.5 33.7

