

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027932.D
 Acq On : 24 Nov 2020 02:28
 Operator : JU/CG
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.441

Quant Time: Nov 24 03:03:10 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

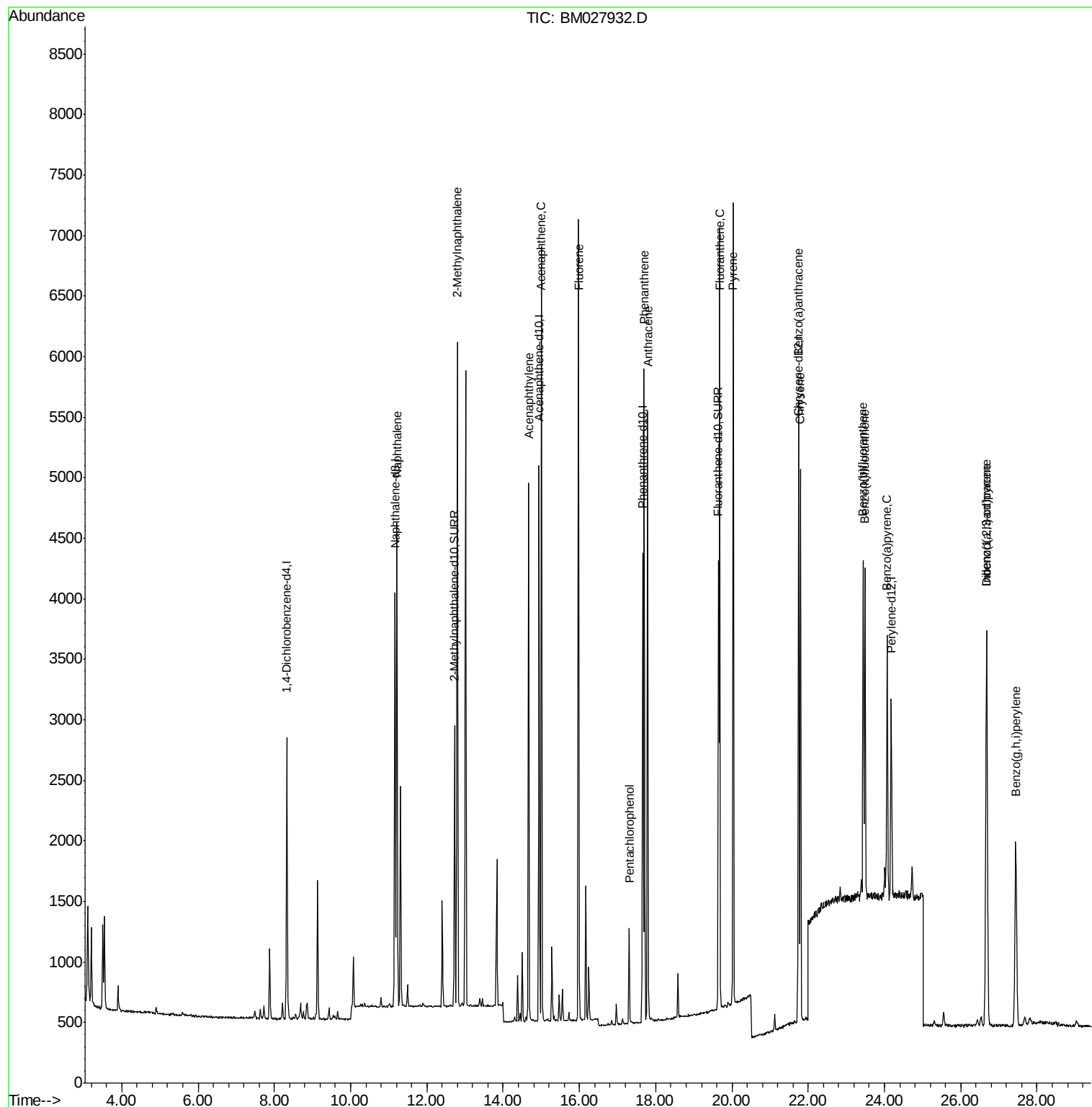
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1135	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4421	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2464	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4431	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2471	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2254	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2819	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3999	0.34	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	5314	0.401	ng/ul	98
5) 2-Methylnaphthalene	12.80	142	3641	0.404	ng/ul	99
7) Acenaphthylene	14.67	152	4888	0.407	ng/ul	99
8) Acenaphthene	15.00	153	3565	0.396	ng/ul	99
9) Fluorene	15.98	166	3985	0.381	ng/ul	100
11) Pentachlorophenol	17.30	266	505	0.335	ng/ul	99
12) Phenanthrene	17.70	178	5590	0.399	ng/ul	99
13) Anthracene	17.79	178	5326	0.394	ng/ul	100
15) Fluoranthene	19.68	202	5435	0.350	ng/ul	96
17) Pyrene	20.03	202	5313	0.423	ng/ul	96
18) Benzo(a)anthracene	21.74	228	4020	0.403	ng/ul	97
19) Chrysene	21.80	228	3951	0.407	ng/ul	99
21) Benzo(b)fluoranthene	23.44	252	3673	0.388	ng/ul	97
22) Benzo(k)fluoranthene	23.49	252	3537	0.381	ng/ul	96
23) Benzo(a)pyrene	24.07	252	3230	0.390	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.67	276	3939	0.439	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.68	278	3221	0.431	ng/ul	97
26) Benzo(g,h,i)perylene	27.44	276	3319	0.441	ng/ul	99

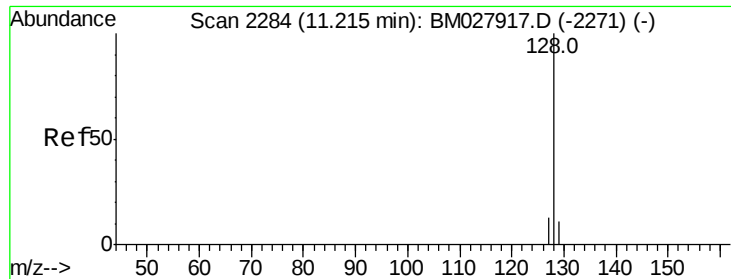
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.401 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027932.D

Acq: 24 Nov 2020 02:28

Instrument :

BNA_M

ClientSampleId :

SSTD0.441

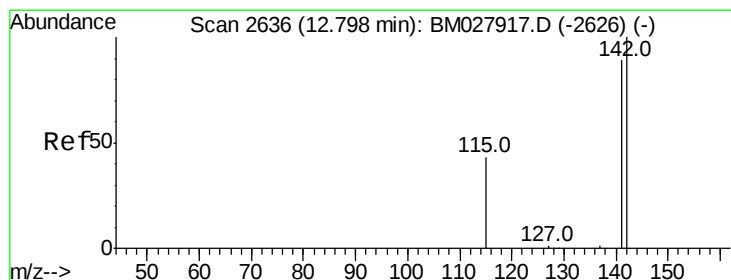
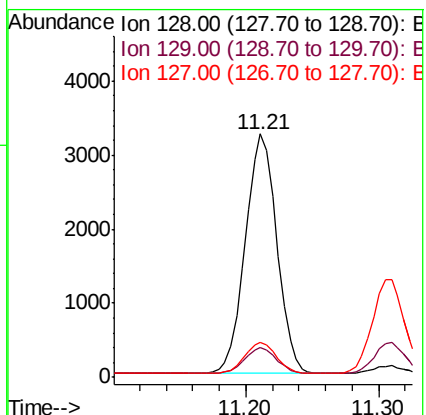
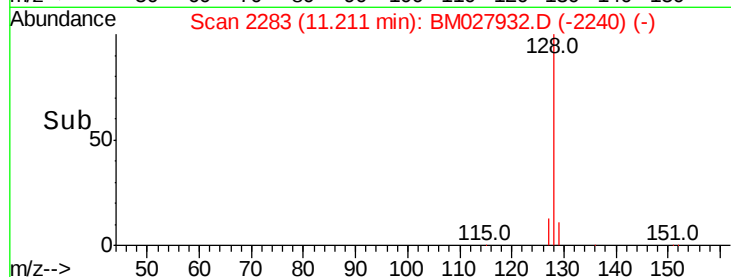
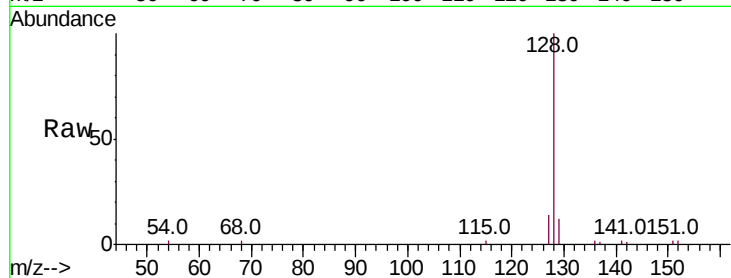
Tot Ion:128 Resp: 5314

Ion Ratio Lower Upper

128 100

129 12.1 10.4 15.6

127 14.3 12.0 18.0



#5

2-Methylnaphthalene

Concen: 0.404 ng/ul

RT: 12.80 min Scan# 2636

Delta R.T. 0.00 min

Lab File: BM027932.D

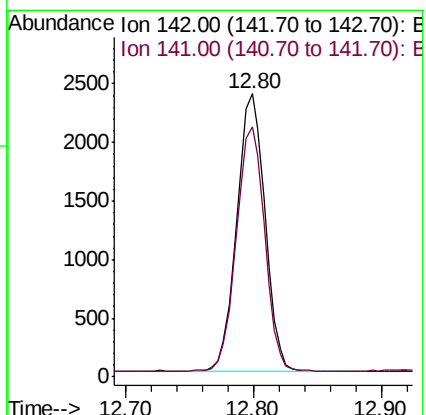
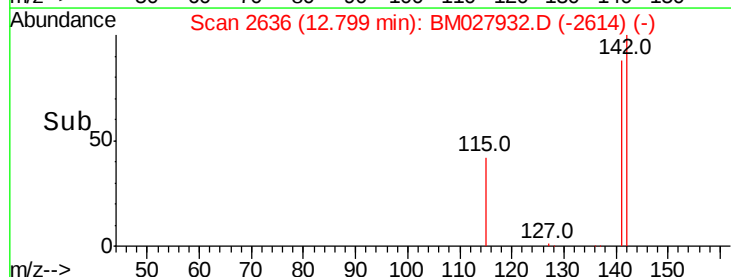
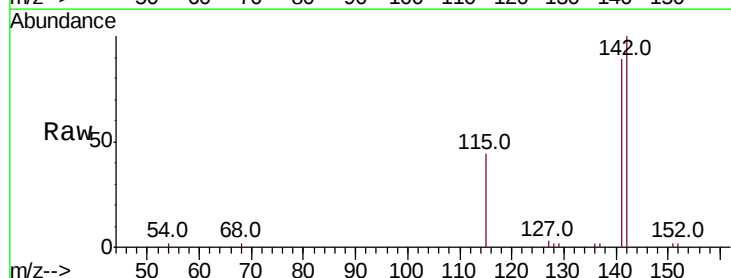
Acq: 24 Nov 2020 02:28

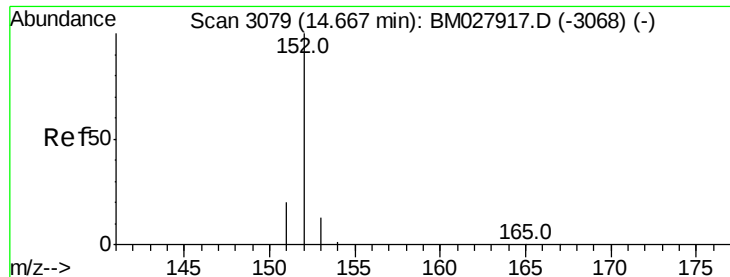
Tgt Ion:142 Resp: 3641

Ion Ratio Lower Upper

142 100

141 88.4 71.6 107.4





#7

Acenaphthylene

Concen: 0.407 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM027932.D

Acq: 24 Nov 2020 02:28

Instrument :

BNA_M

ClientSampleId :

SSTD0.441

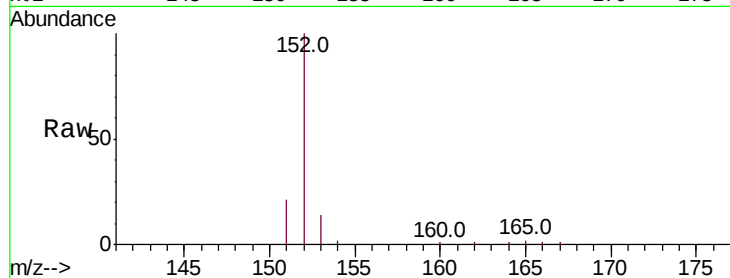
Tot Ion:152 Resp: 4888

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

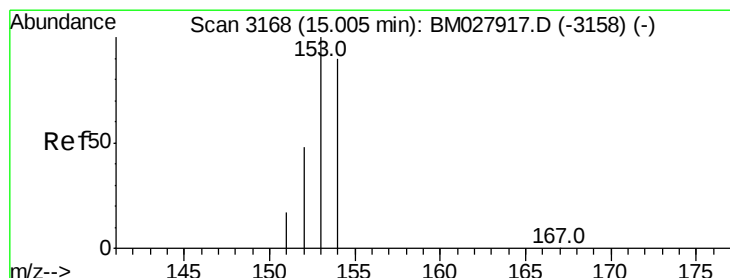
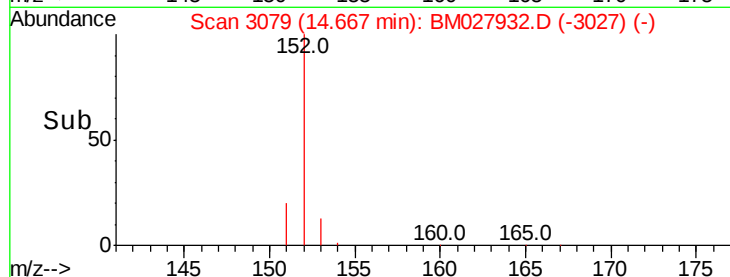
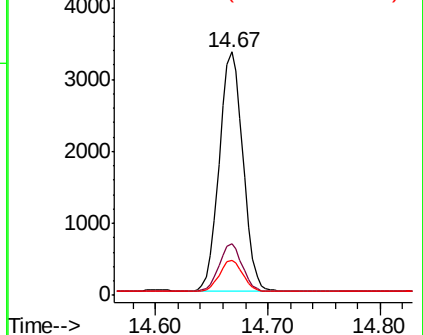
153 14.2 12.0 18.0



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: 0.396 ng/ul

RT: 15.00 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BM027932.D

Acq: 24 Nov 2020 02:28

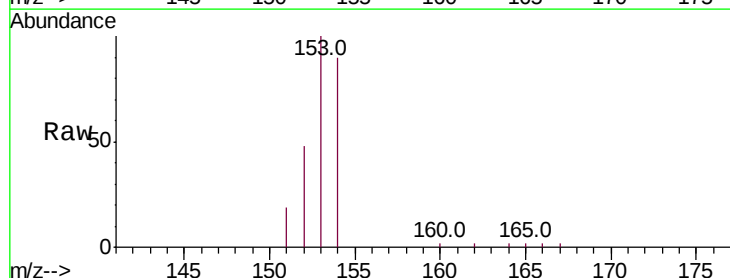
Tgt Ion:153 Resp: 3565

Ion Ratio Lower Upper

153 100

152 48.1 39.0 58.6

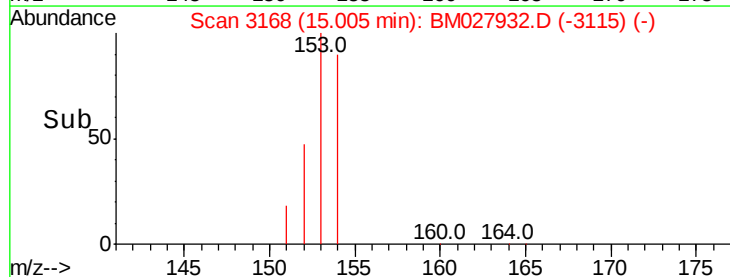
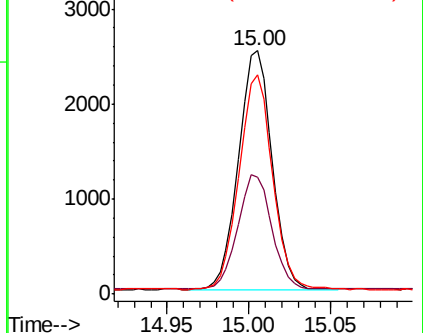
154 90.2 71.6 107.4

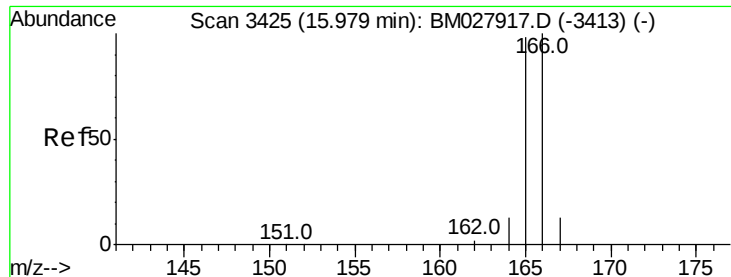


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.381 ng/ul

RT: 15.98 min Scan# 3424

Delta R.T. -0.00 min

Lab File: BM027932.D

Acq: 24 Nov 2020 02:28

Instrument :

BNA_M

ClientSampleId :

SSTD0.441

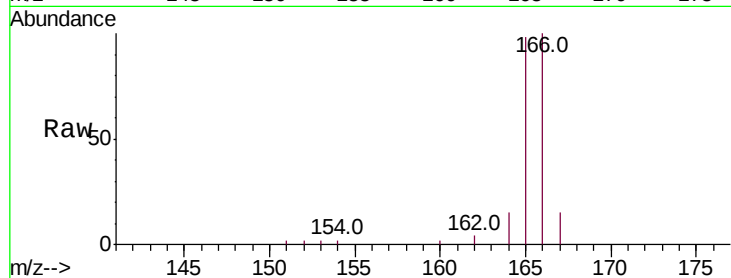
Tot Ion:166 Resp: 3985

Ion Ratio Lower Upper

166 100

165 97.5 78.1 117.1

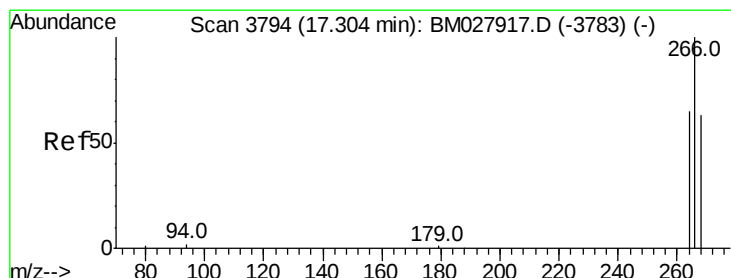
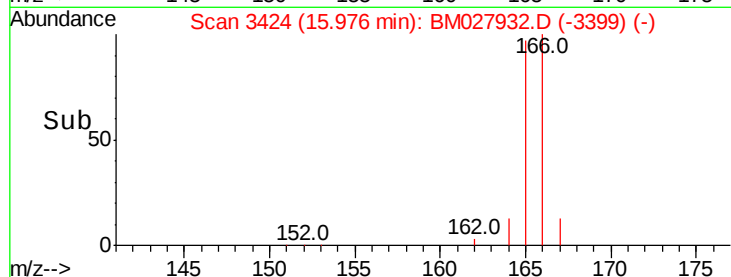
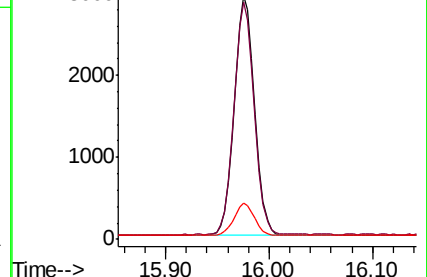
167 14.7 11.8 17.8



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: 0.335 ng/ul

RT: 17.30 min Scan# 3794

Delta R.T. -0.00 min

Lab File: BM027932.D

Acq: 24 Nov 2020 02:28

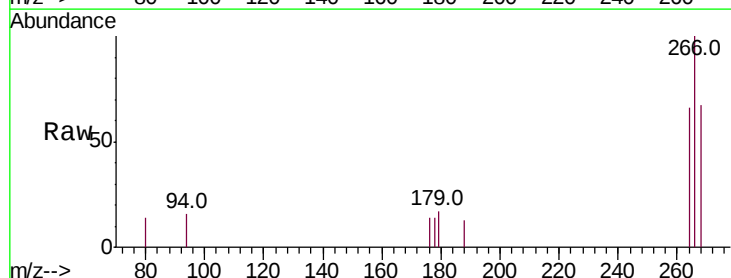
Tgt Ion:266 Resp: 505

Ion Ratio Lower Upper

266 100

264 62.8 49.6 74.4

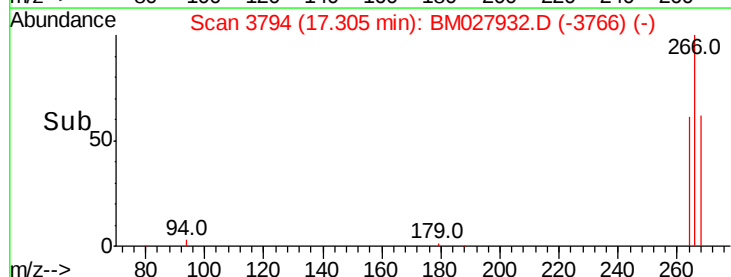
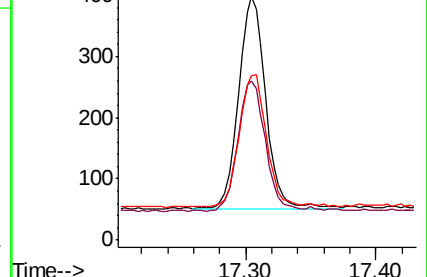
268 64.2 52.1 78.1

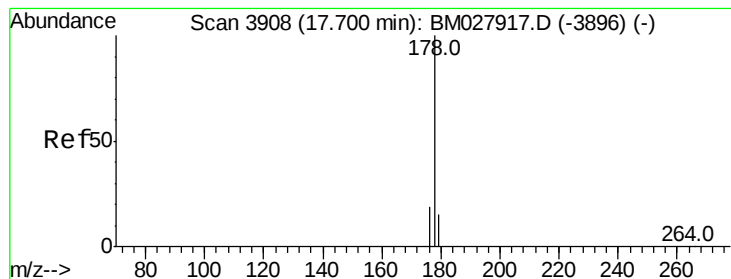


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.399 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. 0.00 min

Lab File: BM027932.D

Acq: 24 Nov 2020 02:28

Instrument :

BNA_M

ClientSampleId :

SSTD0.441

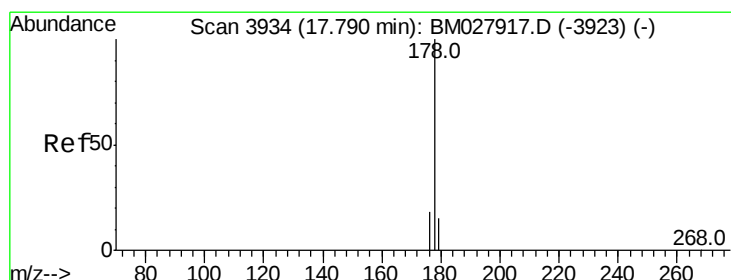
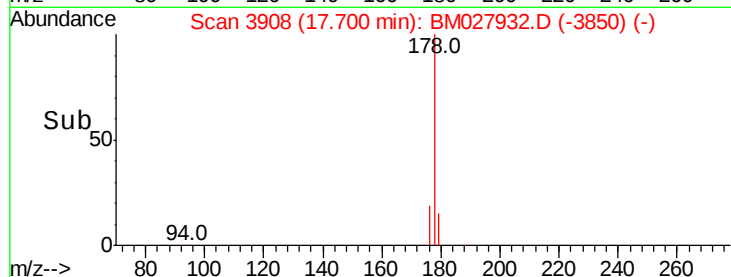
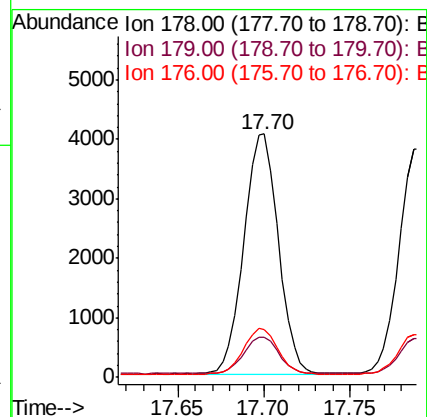
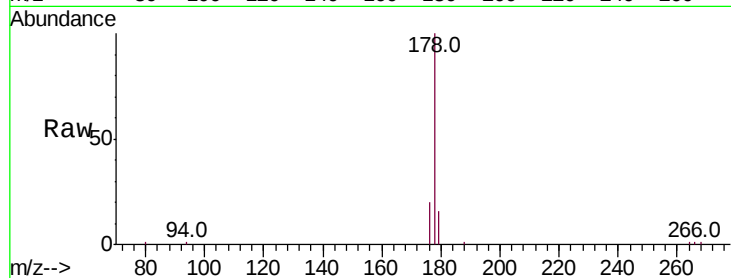
Tot Ion:178 Resp: 5590

Ion Ratio Lower Upper

178 100

179 16.3 13.6 20.4

176 19.8 16.1 24.1



#13

Anthracene

Concen: 0.394 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027932.D

Acq: 24 Nov 2020 02:28

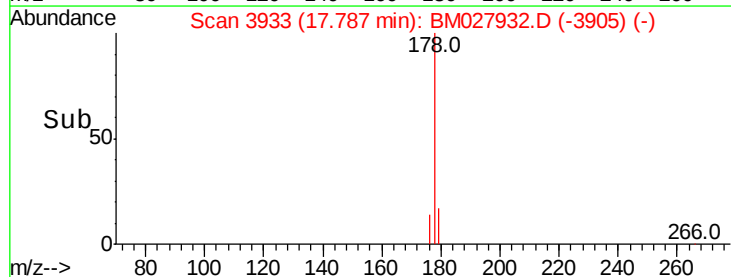
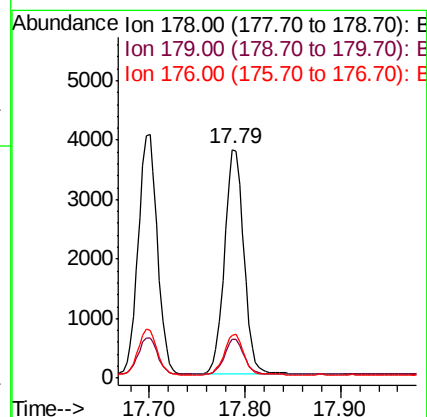
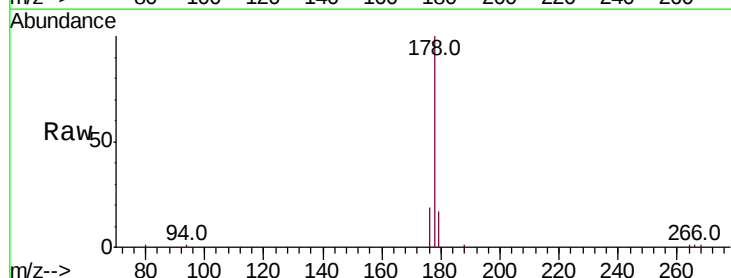
Tgt Ion:178 Resp: 5326

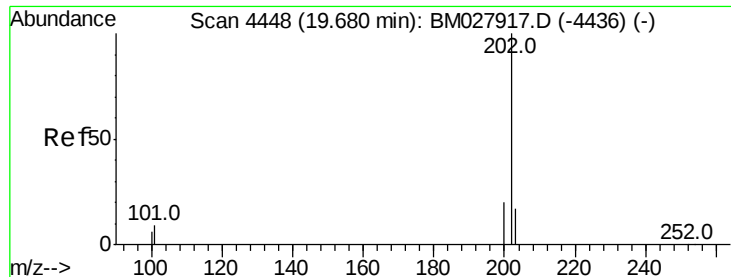
Ion Ratio Lower Upper

178 100

179 17.0 13.4 20.2

176 18.8 15.0 22.6

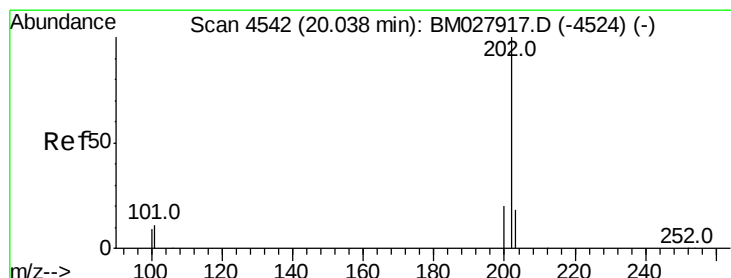
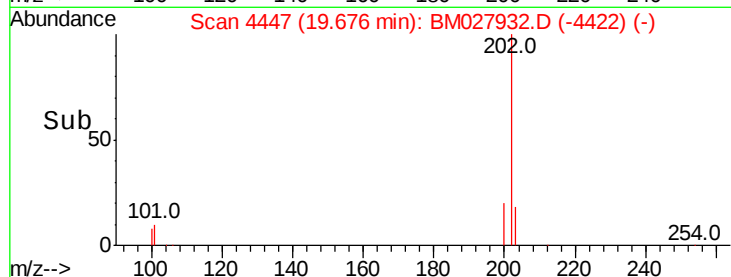
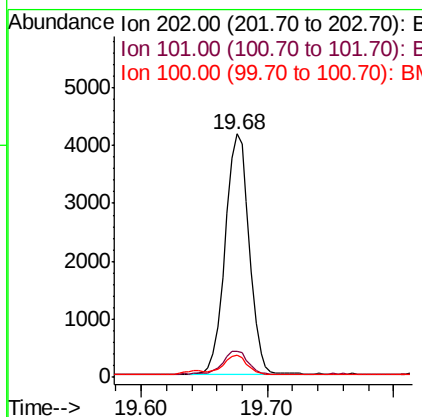
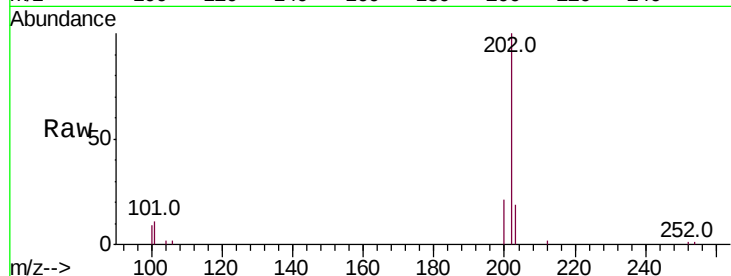




#15
Fluoranthene
 Concen: 0.350 ng/ul
 RT: 19.68 min Scan# 4447
 Delta R.T. -0.00 min
 Lab File: BM027932.D
 Acq: 24 Nov 2020 02:28

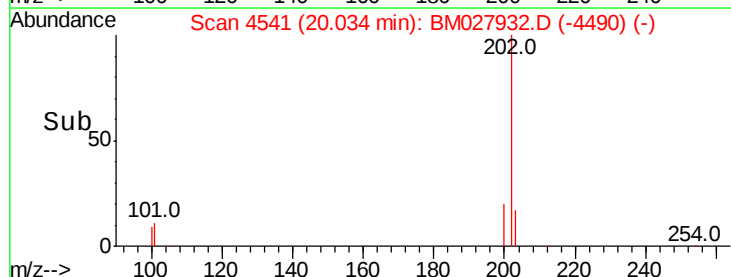
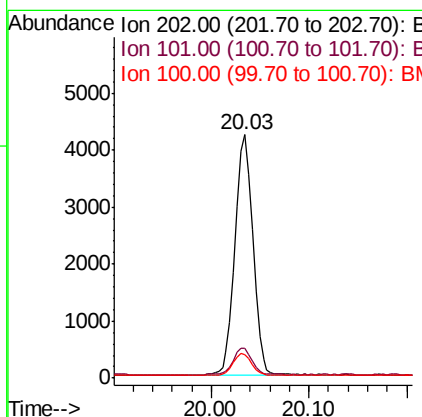
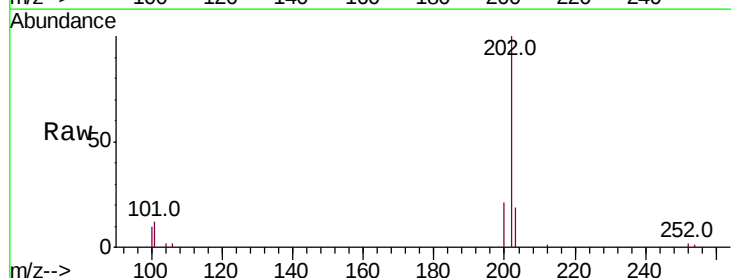
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.441

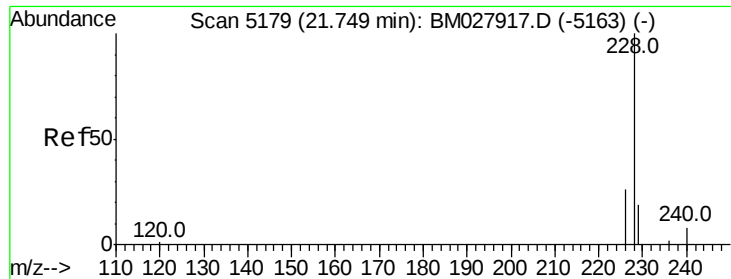
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	29.3
100	8.9	0.0	27.4



#17
Pyrene
 Concen: 0.423 ng/ul
 RT: 20.03 min Scan# 4541
 Delta R.T. -0.00 min
 Lab File: BM027932.D
 Acq: 24 Nov 2020 02:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.2	12.2
100	9.9	6.9	10.3





#18

Benzo(a)anthracene

Concen: 0.403 ng/ul

RT: 21.74 min Scan# 5176

Delta R.T. -0.01 min

Lab File: BM027932.D

Acq: 24 Nov 2020 02:28

Instrument :

BNA_M

ClientSampleId :

SSTD0.441

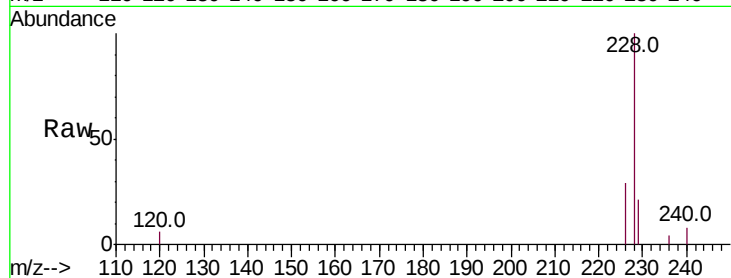
Tot Ion:228 Resp: 4020

Ion Ratio Lower Upper

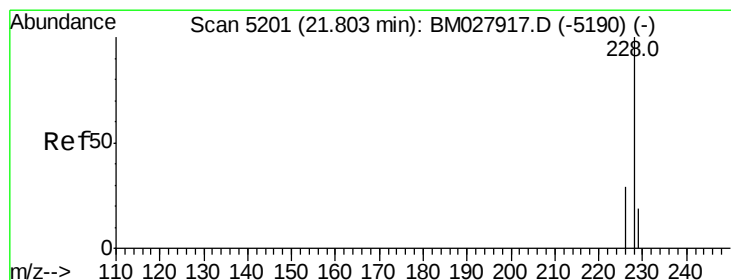
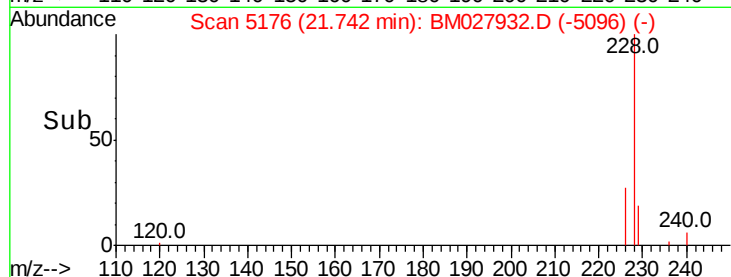
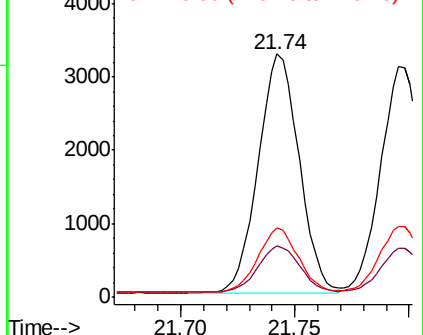
228 100

229 21.2 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: 0.407 ng/ul

RT: 21.80 min Scan# 5198

Delta R.T. -0.01 min

Lab File: BM027932.D

Acq: 24 Nov 2020 02:28

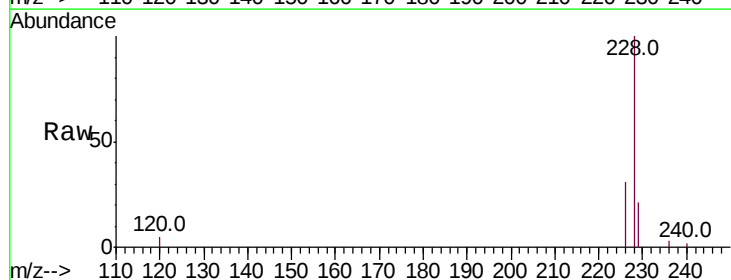
Tgt Ion:228 Resp: 3951

Ion Ratio Lower Upper

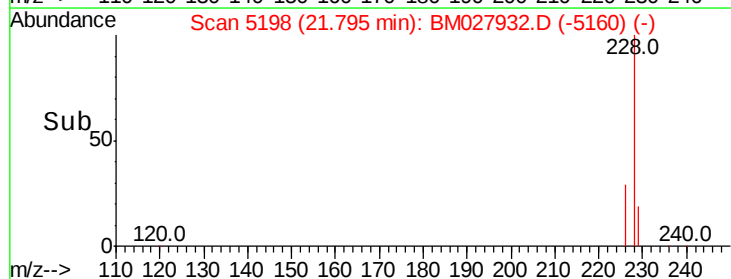
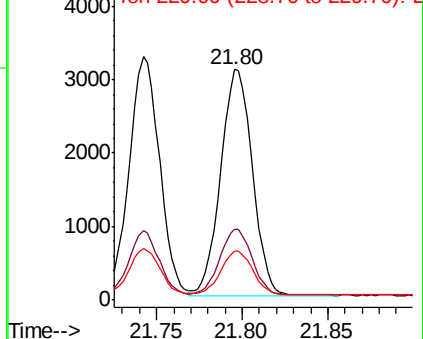
228 100

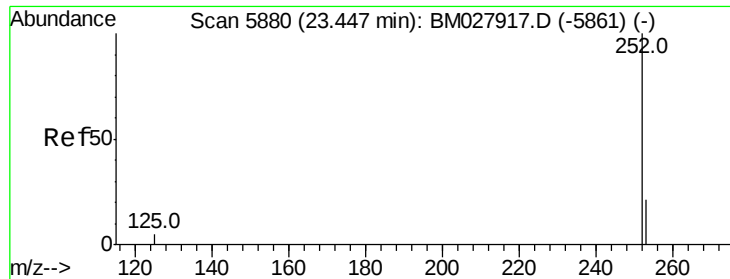
226 30.7 24.1 36.1

229 21.1 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: 0.388 ng/ul

RT: 23.44 min Scan# 5877

Delta R.T. -0.01 min

Lab File: BM027932.D

Acq: 24 Nov 2020 02:28

Instrument :

BNA_M

ClientSampleId :

SSTD0.441

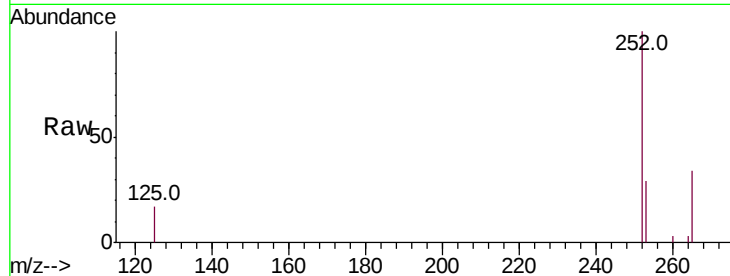
Tot Ion:252 Resp: 3673

Ion Ratio Lower Upper

252 100

253 29.1 0.0 59.6

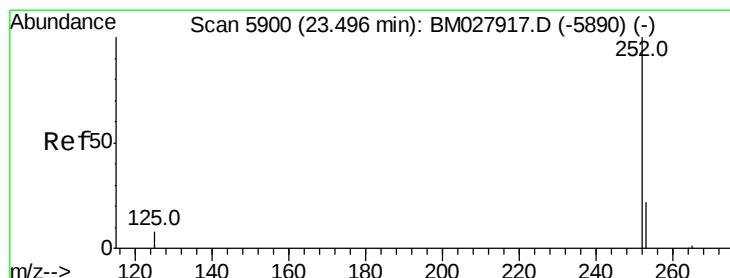
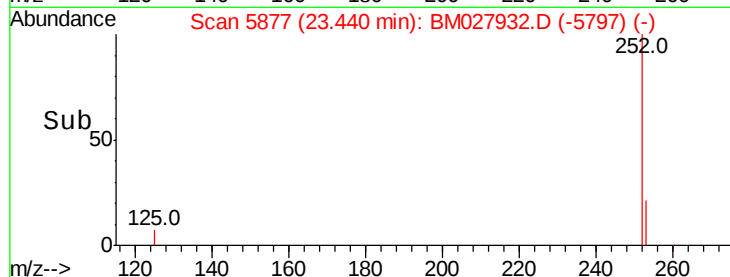
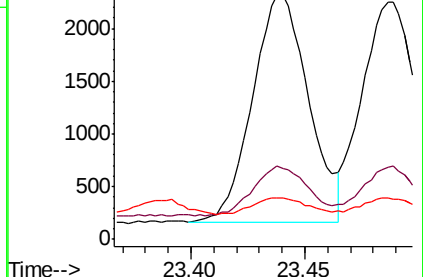
125 17.2 0.0 28.4



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: 0.381 ng/ul

RT: 23.49 min Scan# 5897

Delta R.T. -0.00 min

Lab File: BM027932.D

Acq: 24 Nov 2020 02:28

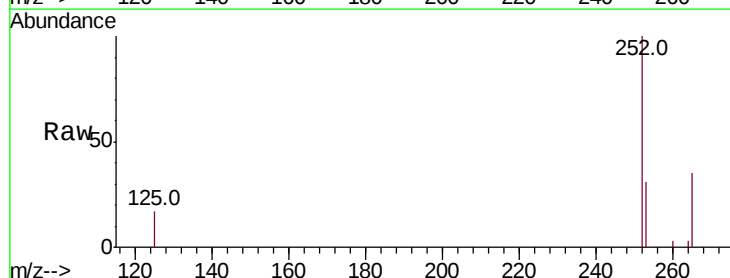
Tgt Ion:252 Resp: 3537

Ion Ratio Lower Upper

252 100

253 30.7 23.2 34.8

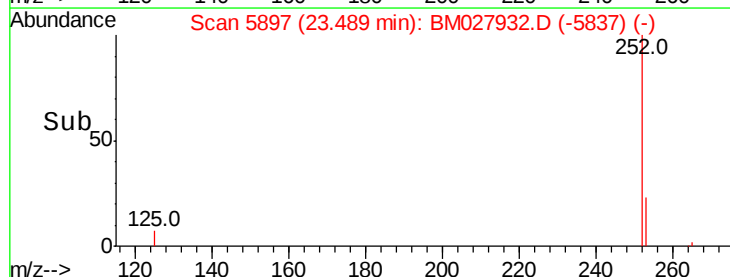
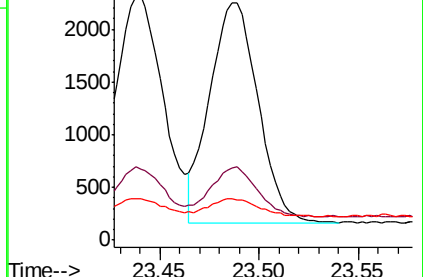
125 16.9 11.8 17.6

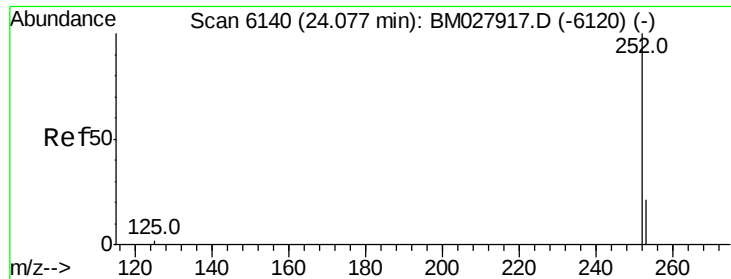


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.390 ng/ul

RT: 24.07 min Scan# 6136

Delta R.T. -0.01 min

Lab File: BM027932.D

Acq: 24 Nov 2020 02:28

Instrument :

BNA_M

ClientSampleId :

SSTD0.441

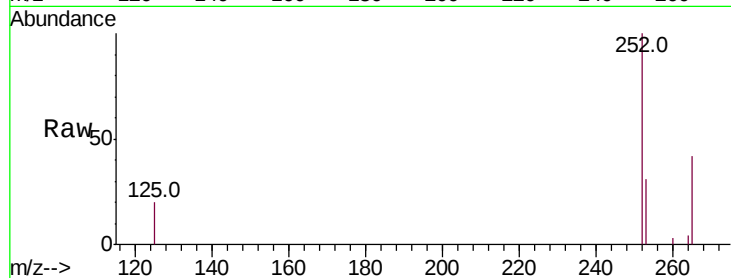
Tot Ion:252 Resp: 3230

Ion Ratio Lower Upper

252 100

253 31.5 25.2 37.8

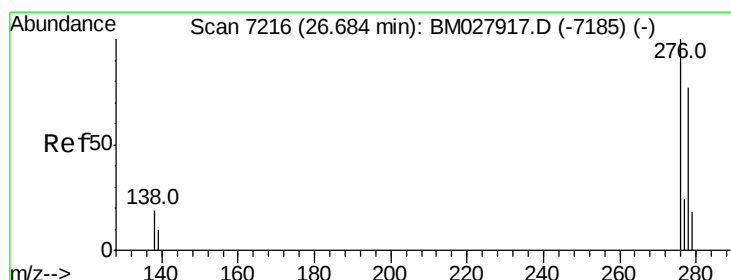
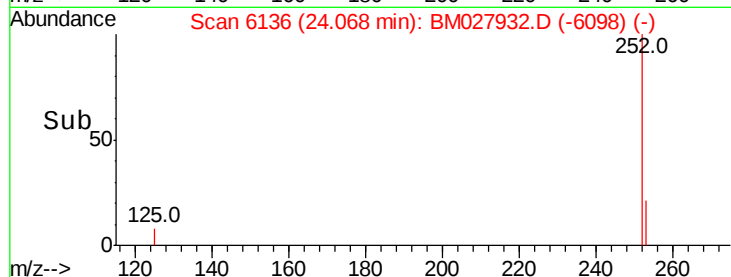
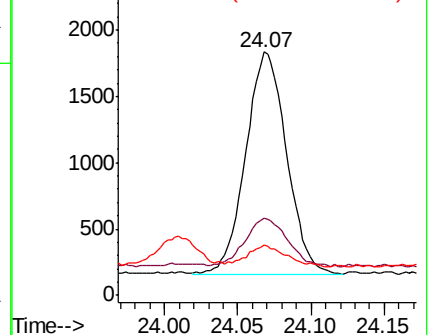
125 20.5 13.8 20.6



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: 0.439 ng/ul

RT: 26.67 min Scan# 7211

Delta R.T. -0.01 min

Lab File: BM027932.D

Acq: 24 Nov 2020 02:28

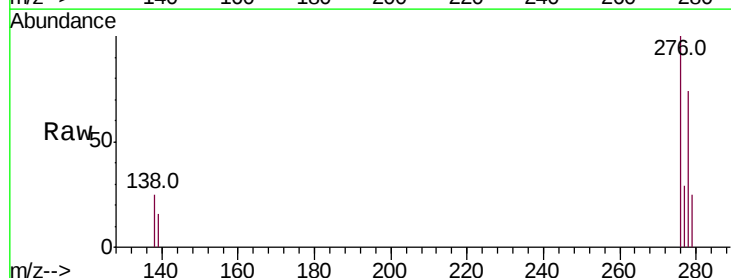
Tgt Ion:276 Resp: 3939

Ion Ratio Lower Upper

276 100

138 20.7 15.7 23.5

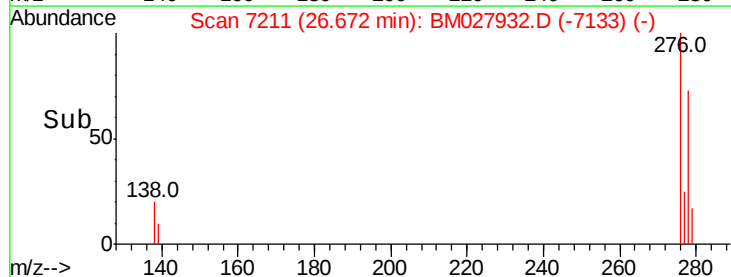
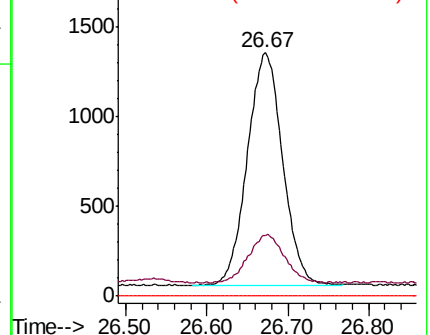
227 0.0 0.0 0.0

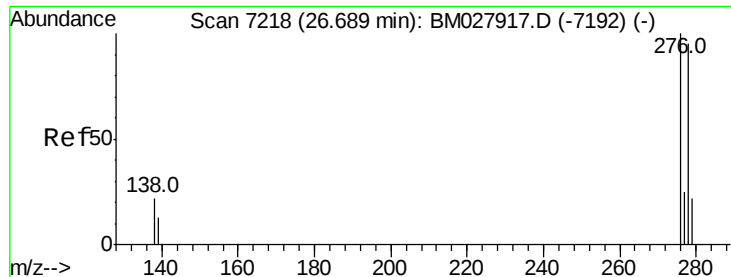


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



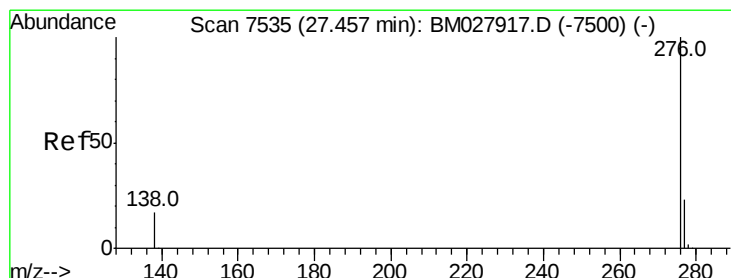
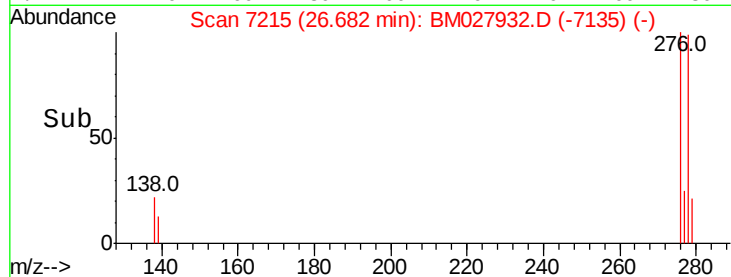
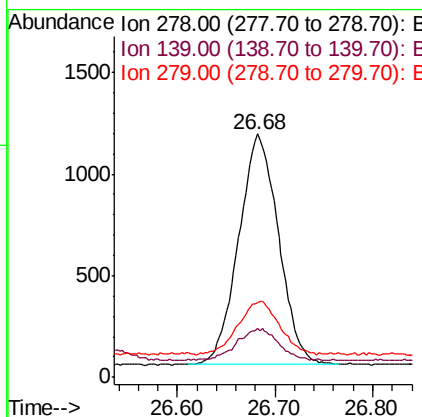
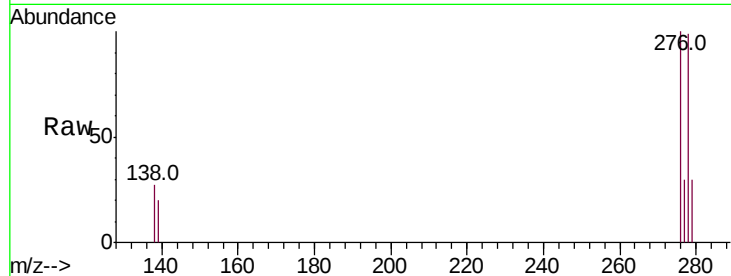


#25
Dibenzo(a,h)anthracene
Concen: 0.431 ng/ul
RT: 26.68 min Scan# 7215
Delta R.T. -0.01 min
Lab File: BM027932.D
Acq: 24 Nov 2020 02:28

Instrument :
BNA_M
ClientSampleId :
SSTD0.441

Tot Ion:278 Resp: 3221

Ion	Ratio	Lower	Upper
278	100		
139	19.9	14.8	22.2
279	30.5	25.8	38.6



#26
Benzo(g,h,i)perylene
Concen: 0.441 ng/ul
RT: 27.44 min Scan# 7529
Delta R.T. -0.01 min
Lab File: BM027932.D
Acq: 24 Nov 2020 02:28

Tgt Ion:276 Resp: 3319

Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.4	26.2
277	28.0	22.5	33.7

