

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027903.D
 Acq On : 22 Nov 2020 05:37
 Operator : JU/CG
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.438

Quant Time: Nov 23 05:40:47 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

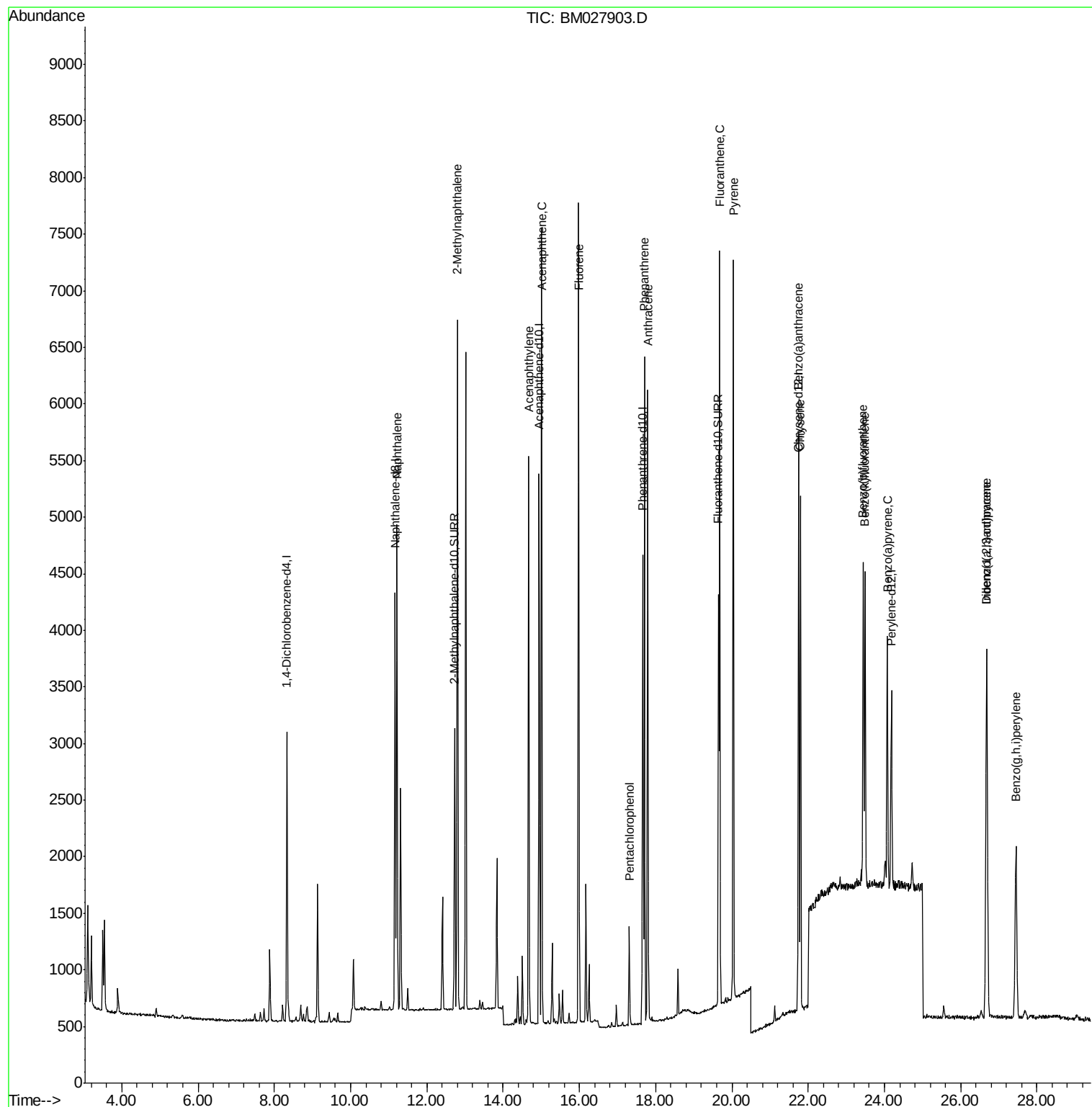
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1229	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4819	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2679	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4704	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2454	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2294	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	3068	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	4102	0.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	5773	0.400	ng/ul	98
5) 2-Methylnaphthalene	12.80	142	3982	0.405	ng/ul	99
7) Acenaphthylene	14.67	152	5434	0.416	ng/ul	99
8) Acenaphthene	15.01	153	3927	0.401	ng/ul	100
9) Fluorene	15.98	166	4362	0.384	ng/ul	99
11) Pentachlorophenol	17.31	266	551	0.344	ng/ul	100
12) Phenanthrene	17.70	178	6040	0.406	ng/ul	100
13) Anthracene	17.79	178	5816	0.406	ng/ul	99
15) Fluoranthene	19.68	202	5590	0.339	ng/ul	97
17) Pyrene	20.04	202	5434	0.436	ng/ul	95
18) Benzo(a)anthracene	21.74	228	3989	0.403	ng/ul	96
19) Chrysene	21.80	228	3901	0.404	ng/ul	97
21) Benzo(b)fluoranthene	23.44	252	3716	0.385	ng/ul	94
22) Benzo(k)fluoranthene	23.49	252	3625	0.384	ng/ul#	93
23) Benzo(a)pyrene	24.07	252	3299	0.391	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	26.67	276	3975	0.436	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.69	278	3279	0.431	ng/ul#	95
26) Benzo(g,h,i)perylene	27.45	276	3409	0.445	ng/ul	98

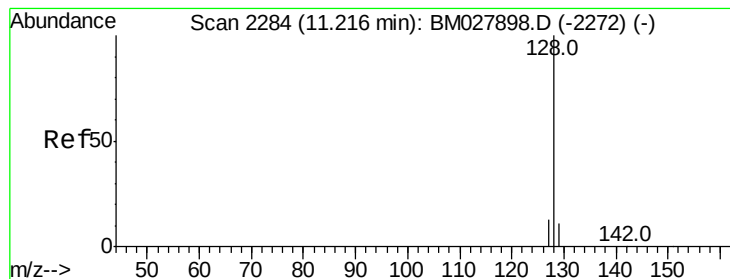
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027903.D
Acq On : 22 Nov 2020 05:37
Operator : JU/CG
Sample : SSTDCCC0.4
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.438

Quant Time: Nov 23 05:40:47 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





#3

Naphthalene

Concen: 0.400 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027903.D

Acq: 22 Nov 2020 05:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.438

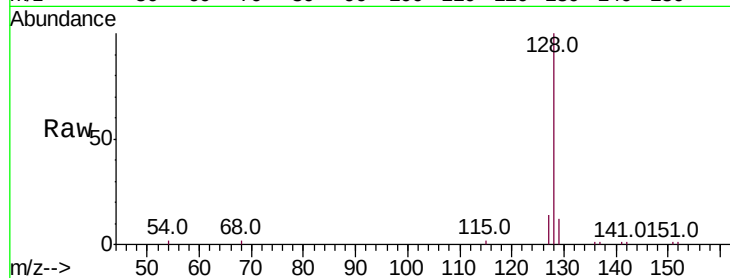
Tot Ion:128 Resp: 5773

Ion Ratio Lower Upper

128 100

129 12.3 10.4 15.6

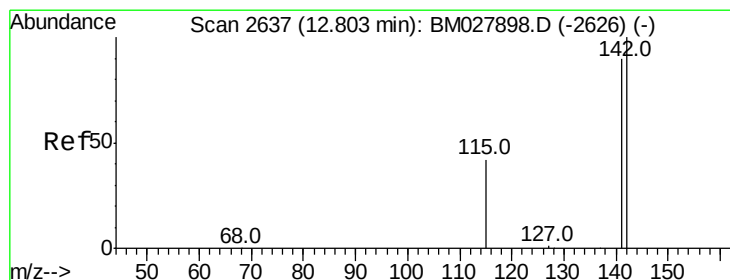
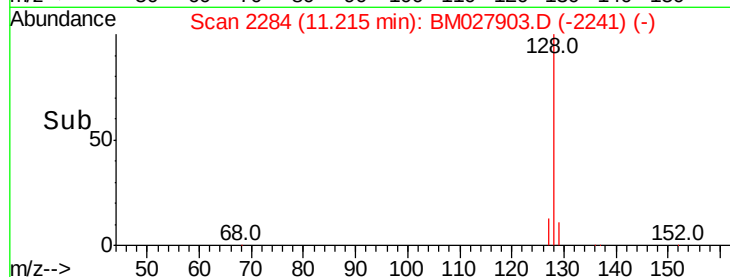
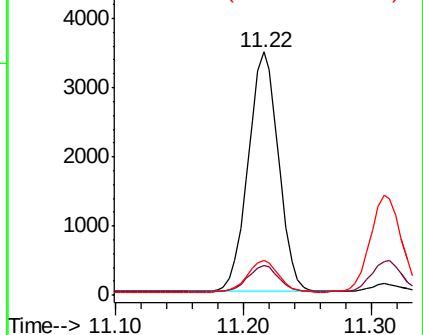
127 14.1 12.0 18.0



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: 0.405 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027903.D

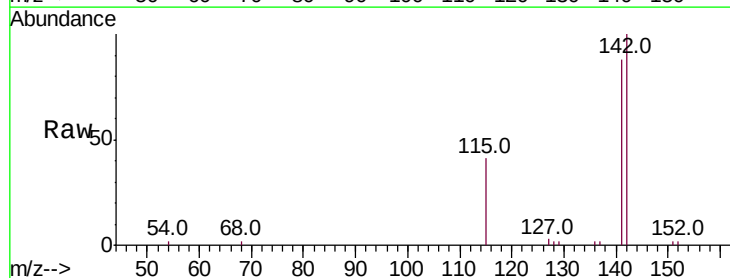
Acq: 22 Nov 2020 05:37

Tgt Ion:142 Resp: 3982

Ion Ratio Lower Upper

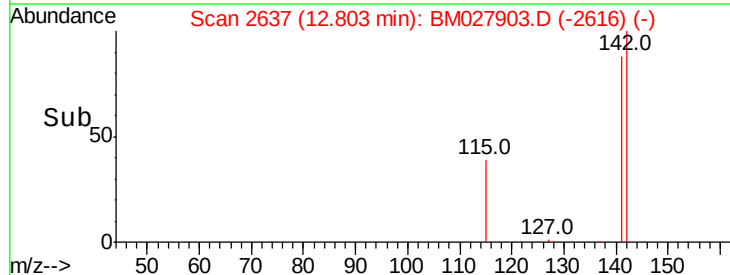
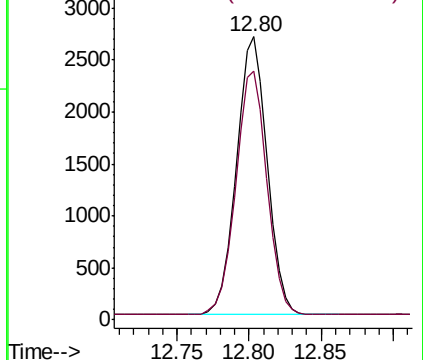
142 100

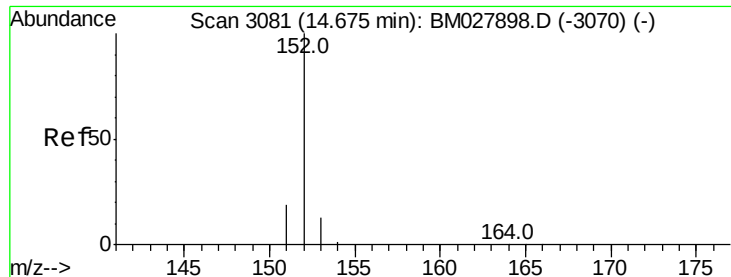
141 88.6 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.416 ng/ul

RT: 14.67 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM027903.D

Acq: 22 Nov 2020 05:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.438

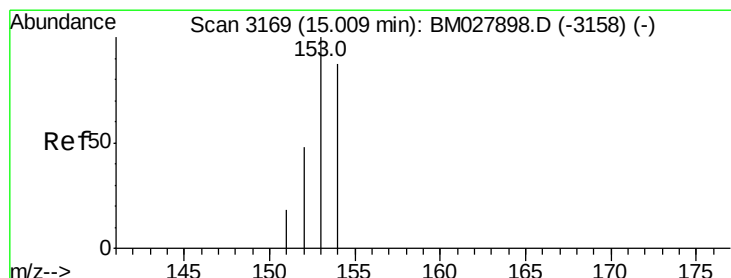
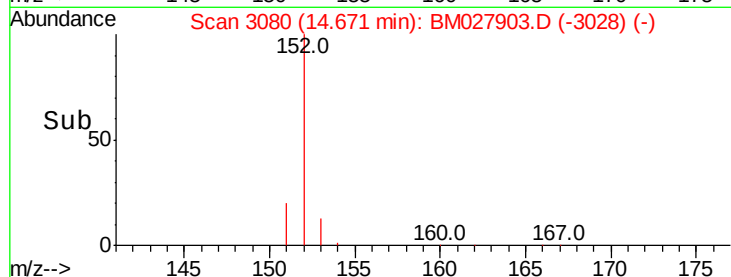
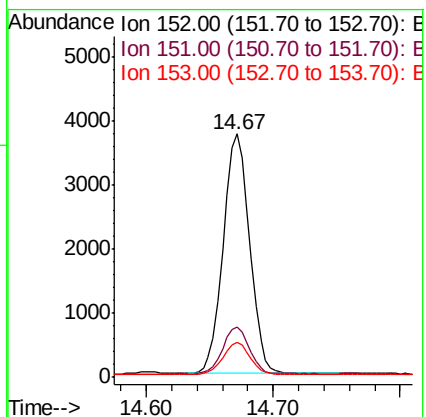
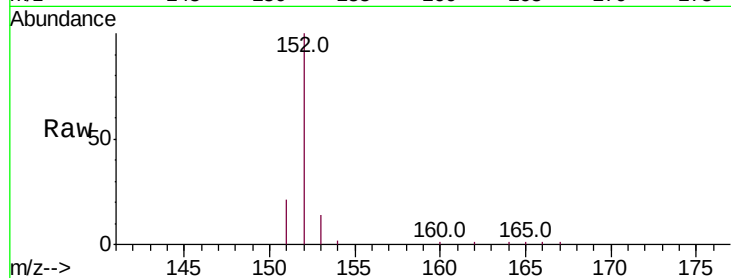
Tot Ion:152 Resp: 5434

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

153 14.3 12.0 18.0



#8

Acenaphthene

Concen: 0.401 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM027903.D

Acq: 22 Nov 2020 05:37

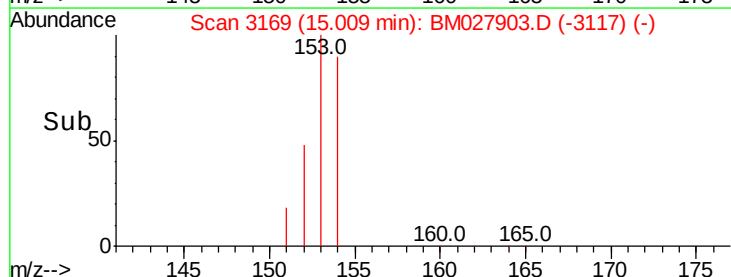
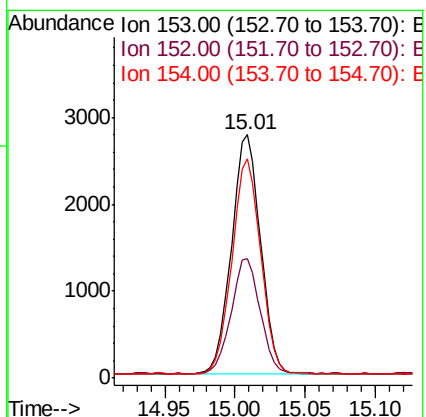
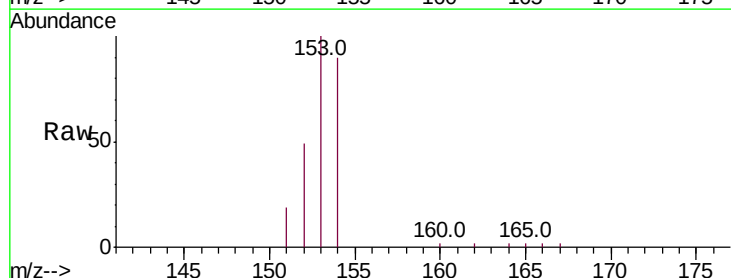
Tgt Ion:153 Resp: 3927

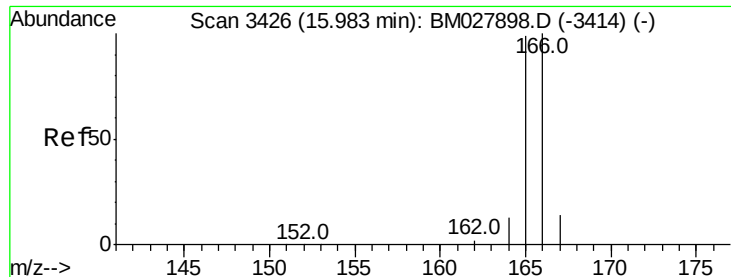
Ion Ratio Lower Upper

153 100

152 49.2 39.0 58.6

154 89.9 71.6 107.4

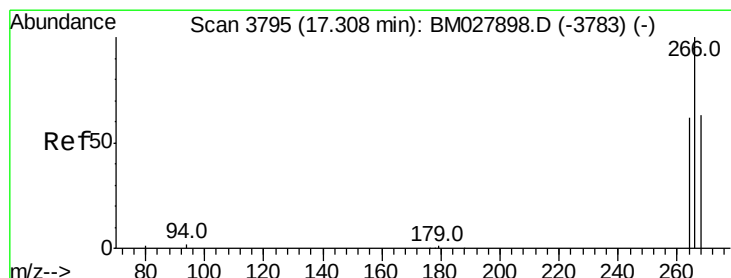
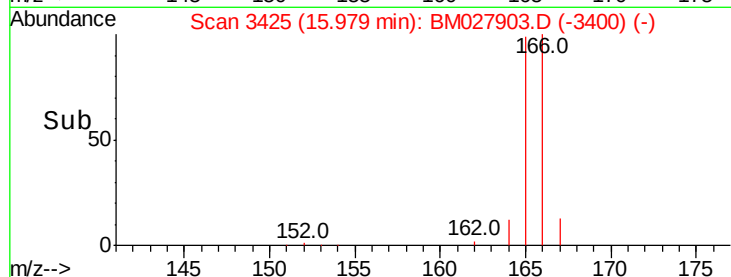
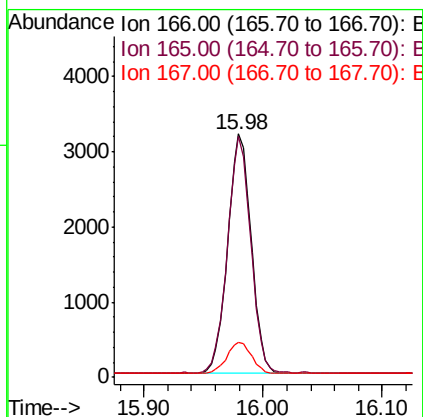
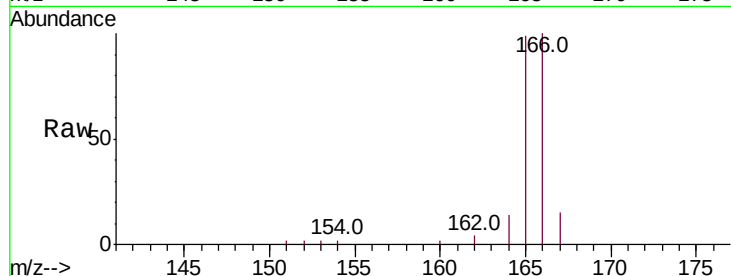




#9
Fluorene
 Concen: 0.384 ng/ul
 RT: 15.98 min Scan# 3425
 Delta R.T. -0.00 min
 Lab File: BM027903.D
 Acq: 22 Nov 2020 05:37

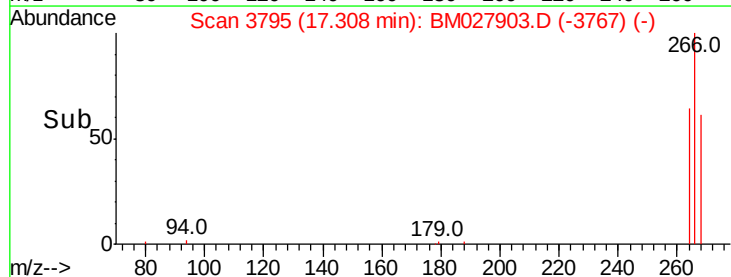
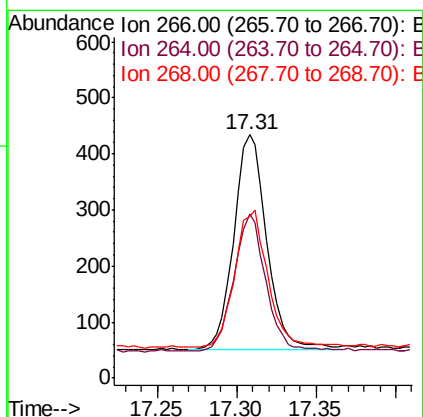
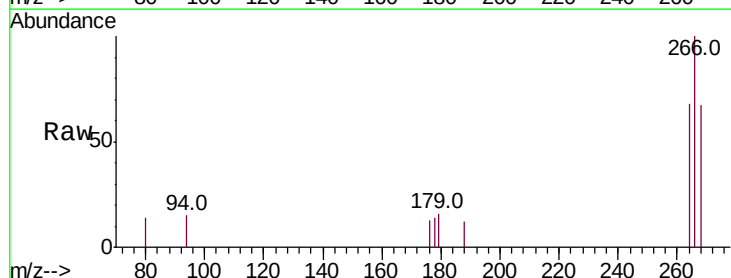
Instrument :
 BNA_M
 ClientSampleId :
 SST0.438

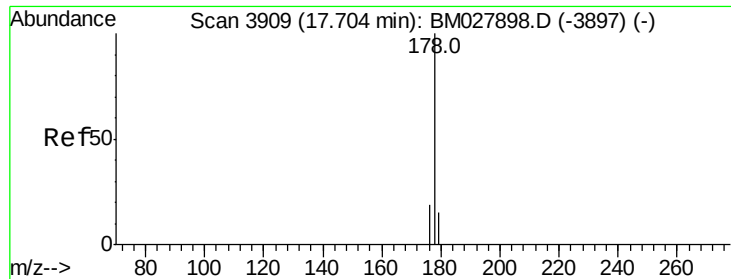
Tot Ion:166 Resp: 4362
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.1 117.1
 167 14.5 11.8 17.8



#11
Pentachlorophenol
 Concen: 0.344 ng/ul
 RT: 17.31 min Scan# 3795
 Delta R.T. -0.00 min
 Lab File: BM027903.D
 Acq: 22 Nov 2020 05:37

Tgt Ion:266 Resp: 551
 Ion Ratio Lower Upper
 266 100
 264 62.1 49.6 74.4
 268 64.4 52.1 78.1





#12

Phenanthrene

Concen: 0.406 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM027903.D

Acq: 22 Nov 2020 05:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.438

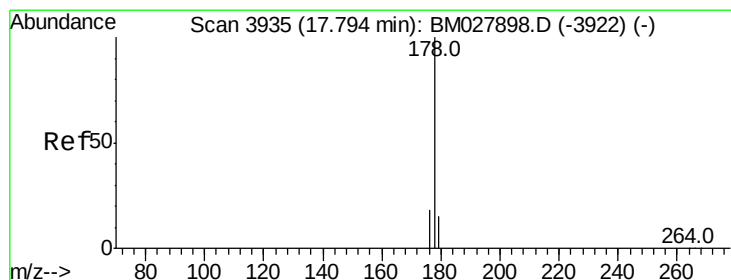
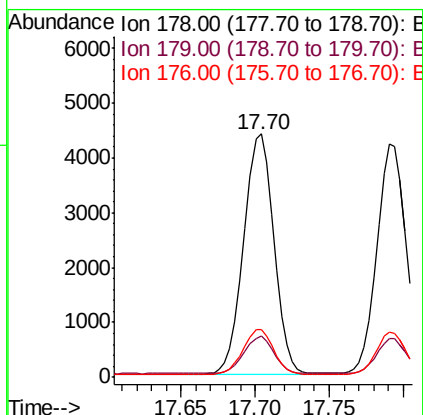
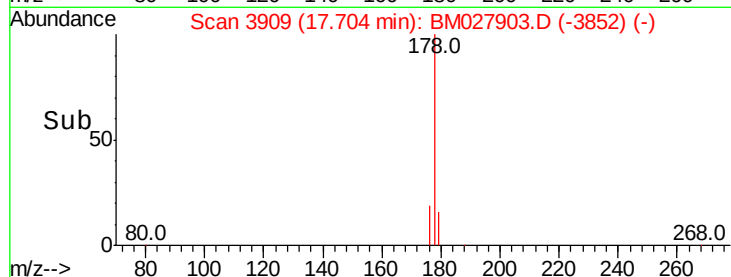
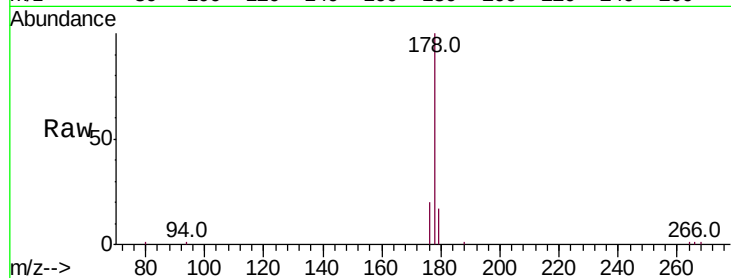
Tot Ion:178 Resp: 6040

Ion Ratio Lower Upper

178 100

179 17.1 13.6 20.4

176 19.8 16.1 24.1



#13

Anthracene

Concen: 0.406 ng/ul

RT: 17.79 min Scan# 3934

Delta R.T. -0.00 min

Lab File: BM027903.D

Acq: 22 Nov 2020 05:37

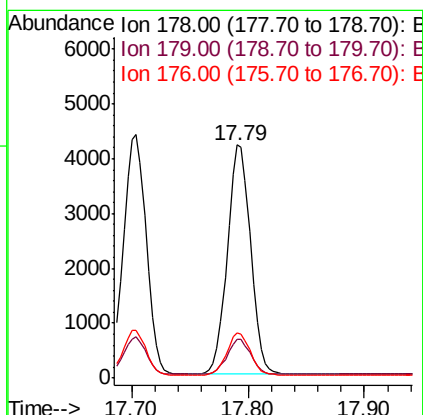
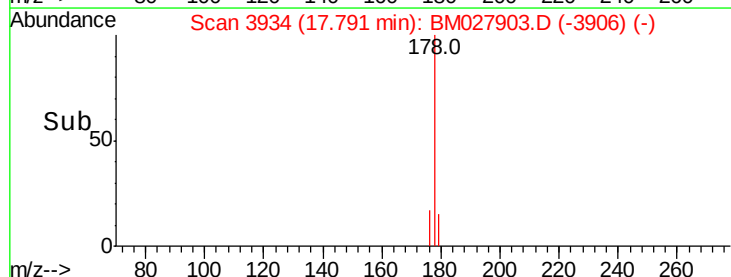
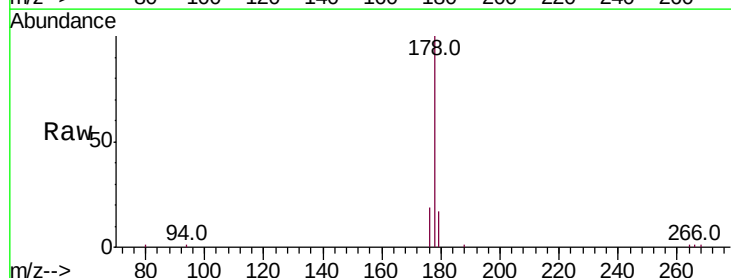
Tgt Ion:178 Resp: 5816

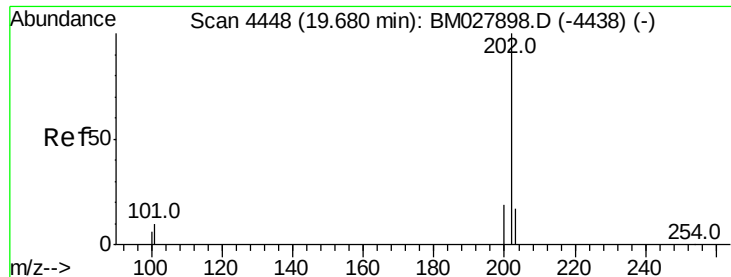
Ion Ratio Lower Upper

178 100

179 16.5 13.4 20.2

176 19.4 15.0 22.6





#15

Fluoranthene

Concen: 0.339 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. -0.00 min

Lab File: BM027903.D

Acq: 22 Nov 2020 05:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.438

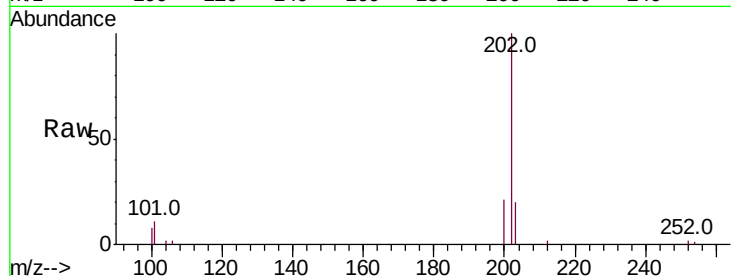
Tot Ion:202 Resp: 5590

Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.3

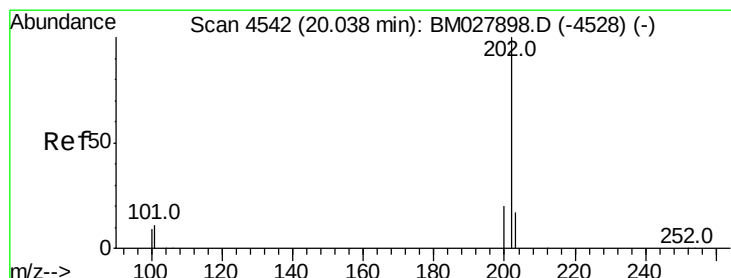
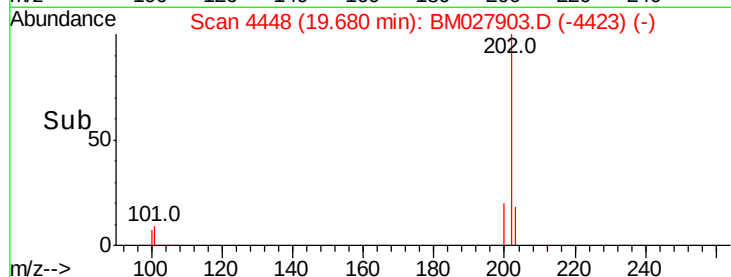
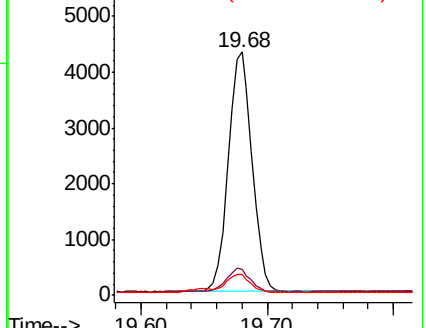
100 8.4 0.0 27.4



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: 0.436 ng/ul

RT: 20.04 min Scan# 4542

Delta R.T. -0.00 min

Lab File: BM027903.D

Acq: 22 Nov 2020 05:37

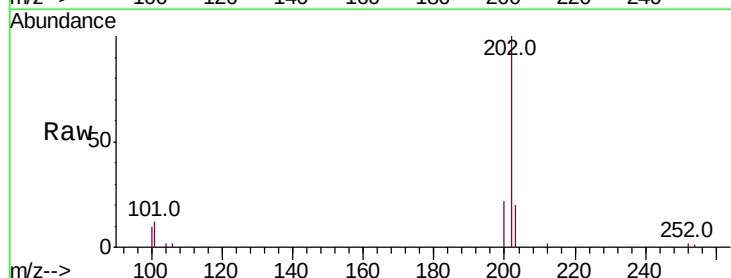
Tgt Ion:202 Resp: 5434

Ion Ratio Lower Upper

202 100

101 12.2 8.2 12.2

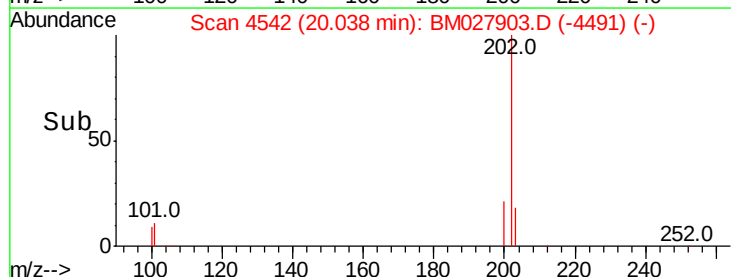
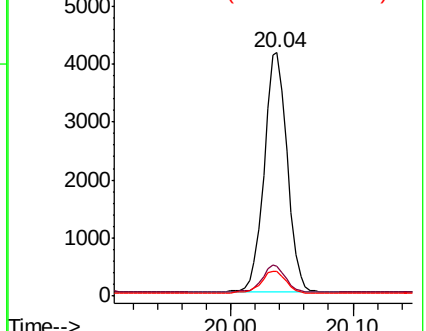
100 10.1 6.9 10.3

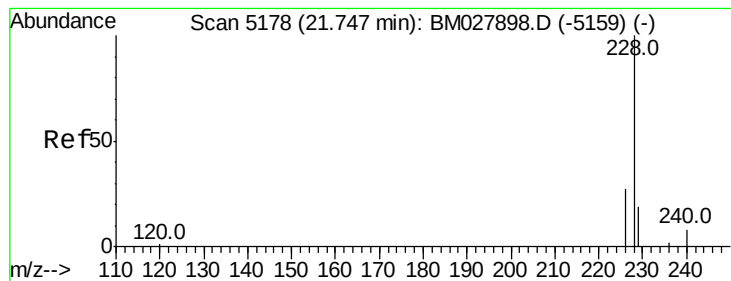


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.403 ng/ul

RT: 21.74 min Scan# 5177

Delta R.T. -0.01 min

Lab File: BM027903.D

Acq: 22 Nov 2020 05:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.438

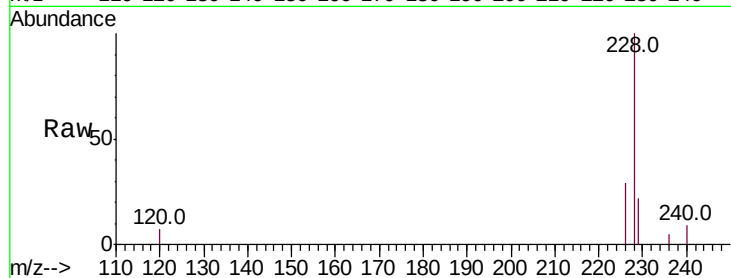
Tot Ion:228 Resp: 3989

Ion Ratio Lower Upper

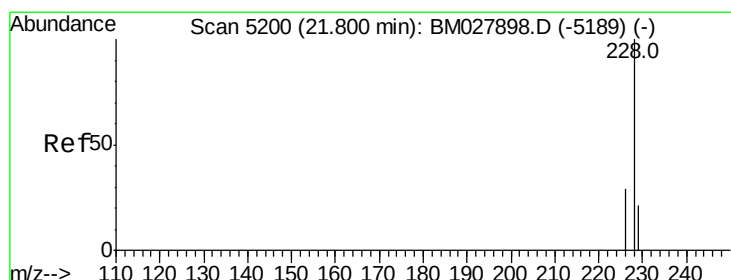
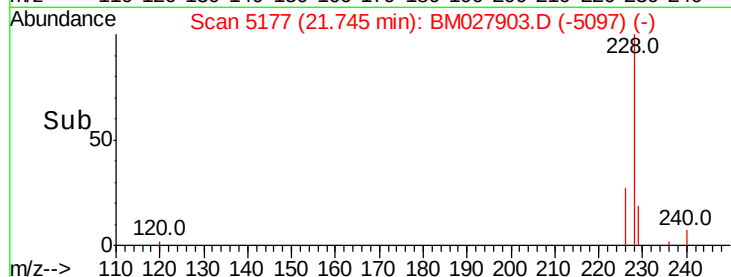
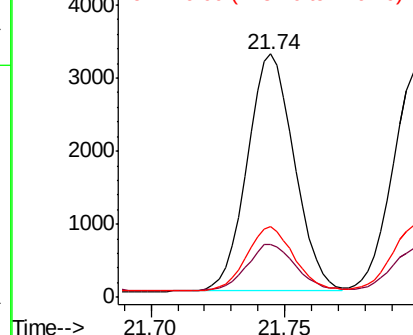
228 100

229 21.7 16.2 24.4

226 29.0 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: 0.404 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.01 min

Lab File: BM027903.D

Acq: 22 Nov 2020 05:37

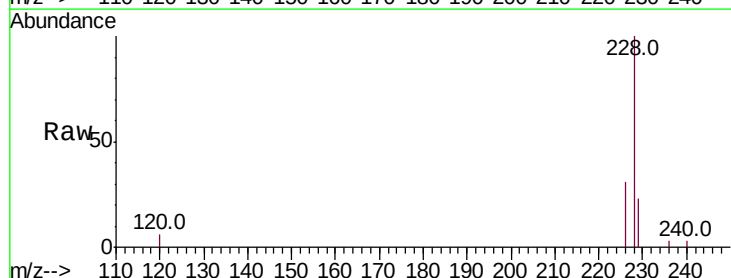
Tgt Ion:228 Resp: 3901

Ion Ratio Lower Upper

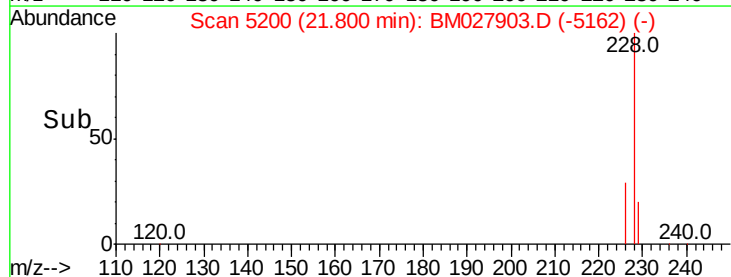
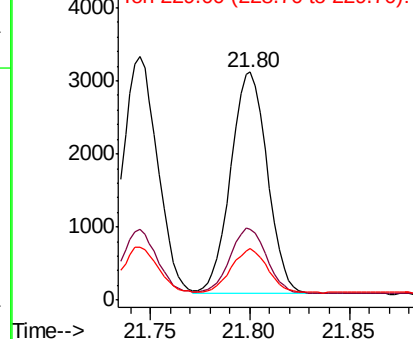
228 100

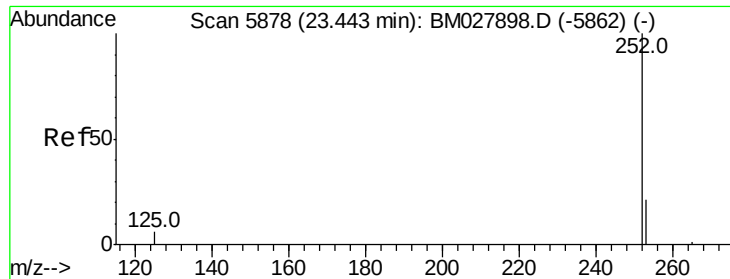
226 31.3 24.1 36.1

229 22.7 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: 0.385 ng/ul

RT: 23.44 min Scan# 5878

Delta R.T. -0.01 min

Lab File: BM027903.D

Acq: 22 Nov 2020 05:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.438

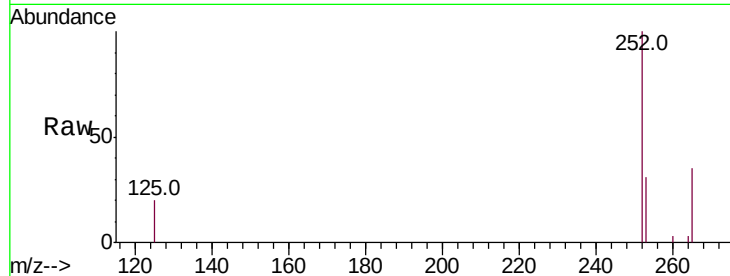
Tot Ion:252 Resp: 3716

Ion Ratio Lower Upper

252 100

253 31.5 0.0 59.6

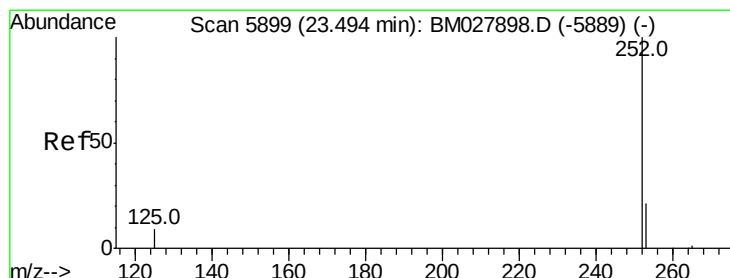
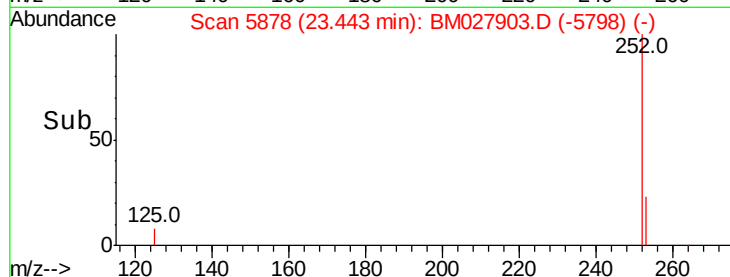
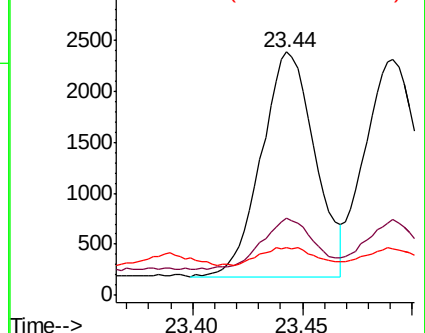
125 19.6 0.0 28.4



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: 0.384 ng/ul

RT: 23.49 min Scan# 5898

Delta R.T. -0.01 min

Lab File: BM027903.D

Acq: 22 Nov 2020 05:37

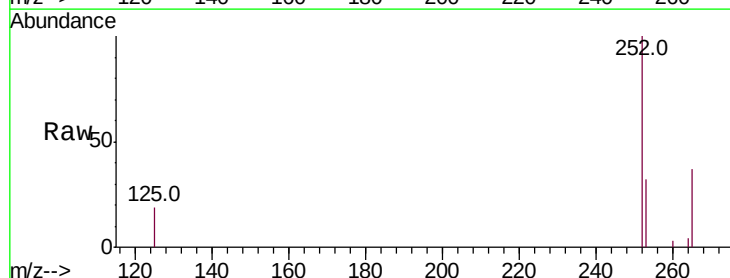
Tgt Ion:252 Resp: 3625

Ion Ratio Lower Upper

252 100

253 31.9 23.2 34.8

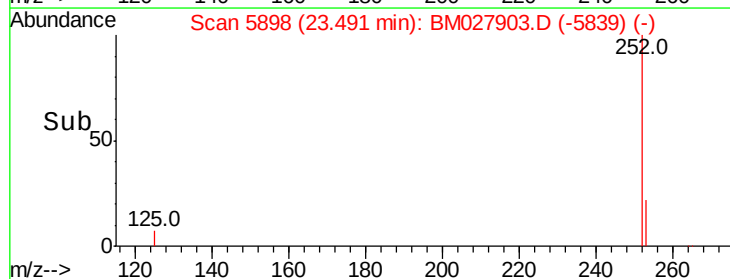
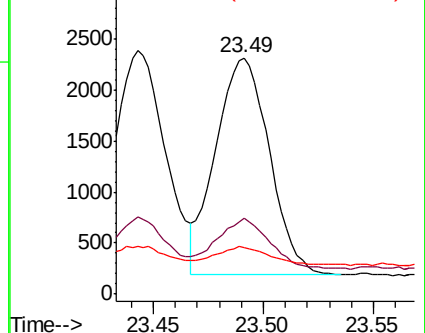
125 19.5 11.8 17.6#

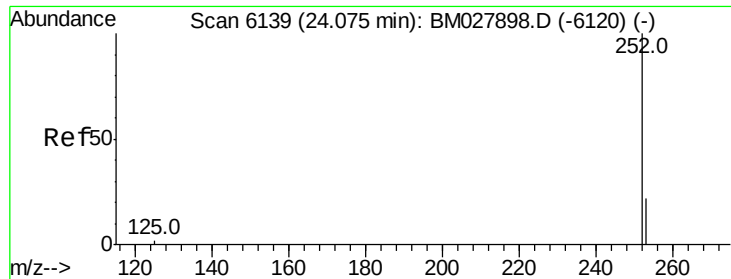


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.391 ng/ul

RT: 24.07 min Scan# 6138

Delta R.T. -0.01 min

Lab File: BM027903.D

Acq: 22 Nov 2020 05:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.438

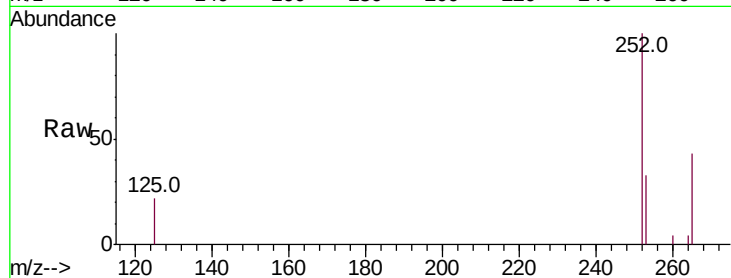
Tot Ion:252 Resp: 3299

Ion Ratio Lower Upper

252 100

253 32.5 25.2 37.8

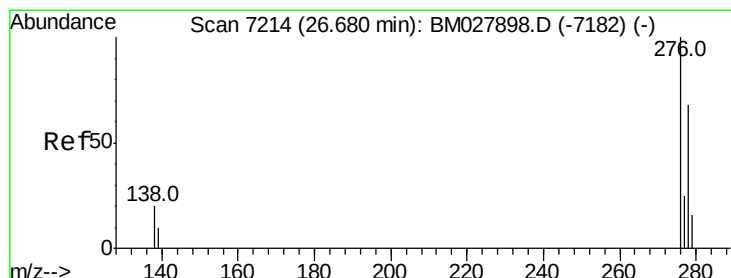
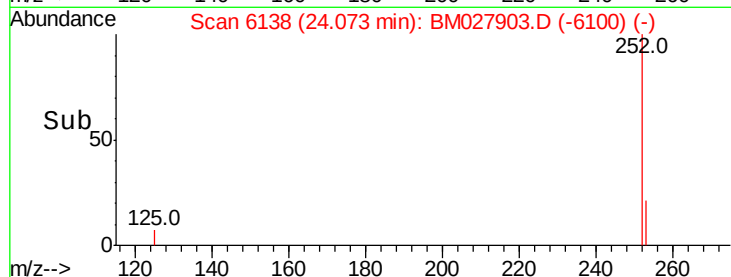
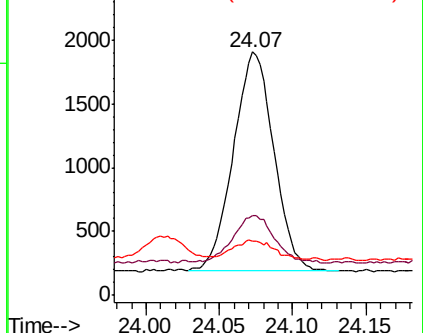
125 22.2 13.8 20.6#



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: 0.436 ng/ul

RT: 26.67 min Scan# 7212

Delta R.T. -0.01 min

Lab File: BM027903.D

Acq: 22 Nov 2020 05:37

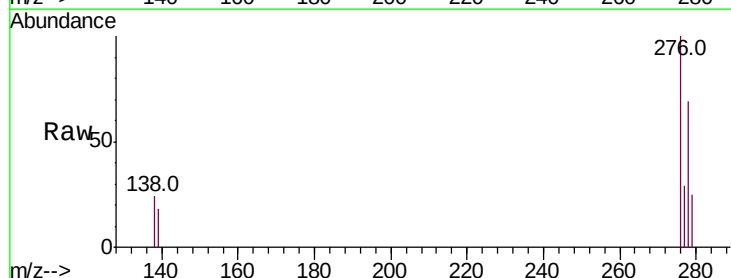
Tgt Ion:276 Resp: 3975

Ion Ratio Lower Upper

276 100

138 20.4 15.7 23.5

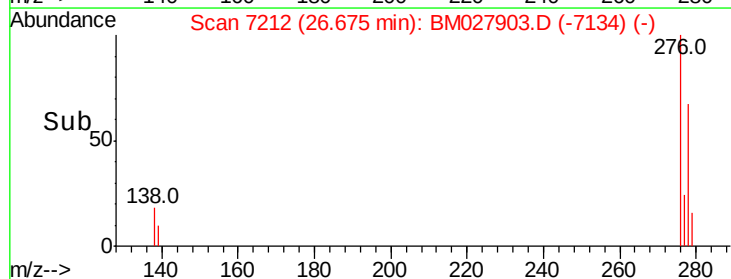
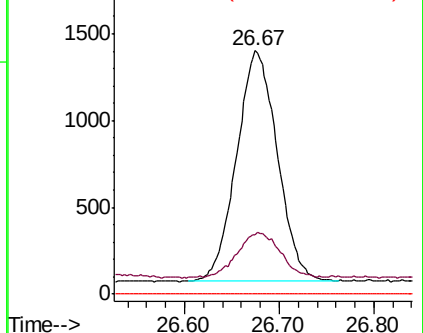
227 0.0 0.0 0.0

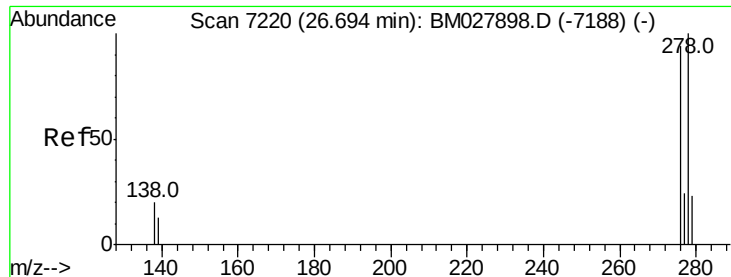


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



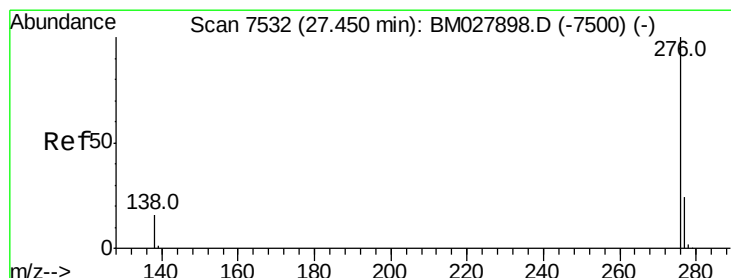
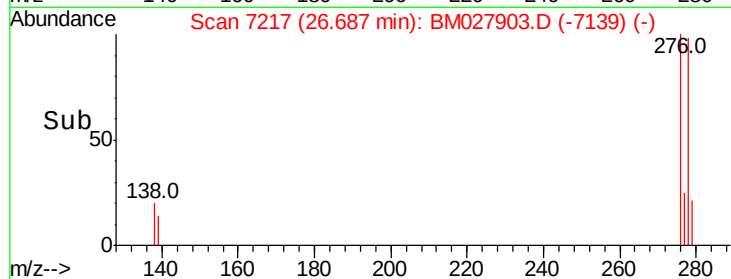
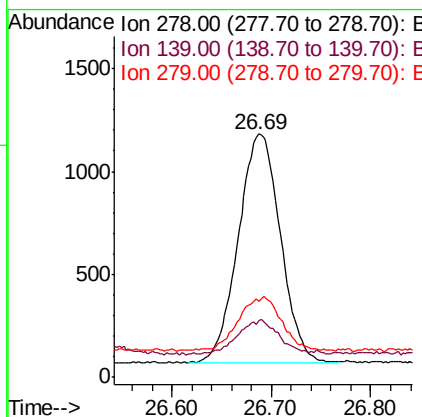
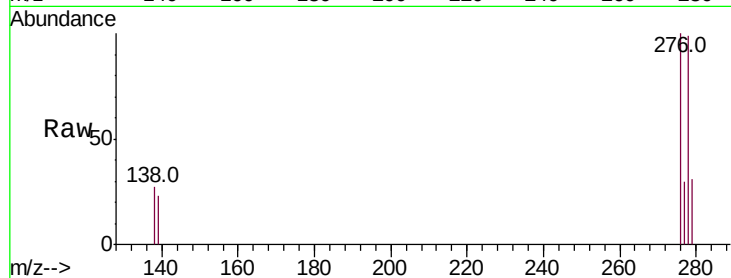


#25

Dibenzo(a,h)anthracene
 Concen: 0.431 ng/ul
 RT: 26.69 min Scan# 7217
 Delta R.T. -0.01 min
 Lab File: BM027903.D
 Acq: 22 Nov 2020 05:37

Instrument :
 BNA_M
 ClientSampleId :
 SST0.438

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.4	14.8	22.2#
279	31.4	25.8	38.6



#26

Benzo(g,h,i)perylene
 Concen: 0.445 ng/ul
 RT: 27.45 min Scan# 7532
 Delta R.T. -0.01 min
 Lab File: BM027903.D
 Acq: 22 Nov 2020 05:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	17.4	26.2
277	28.7	22.5	33.7

