

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082020\
 Data File : BM027145.D
 Acq On : 20 Aug 2020 01:44
 Operator : JU/CG
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.430

Quant Time: Aug 20 06:54:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM081720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 19 11:15:05 2020
 Response via : Initial Calibration

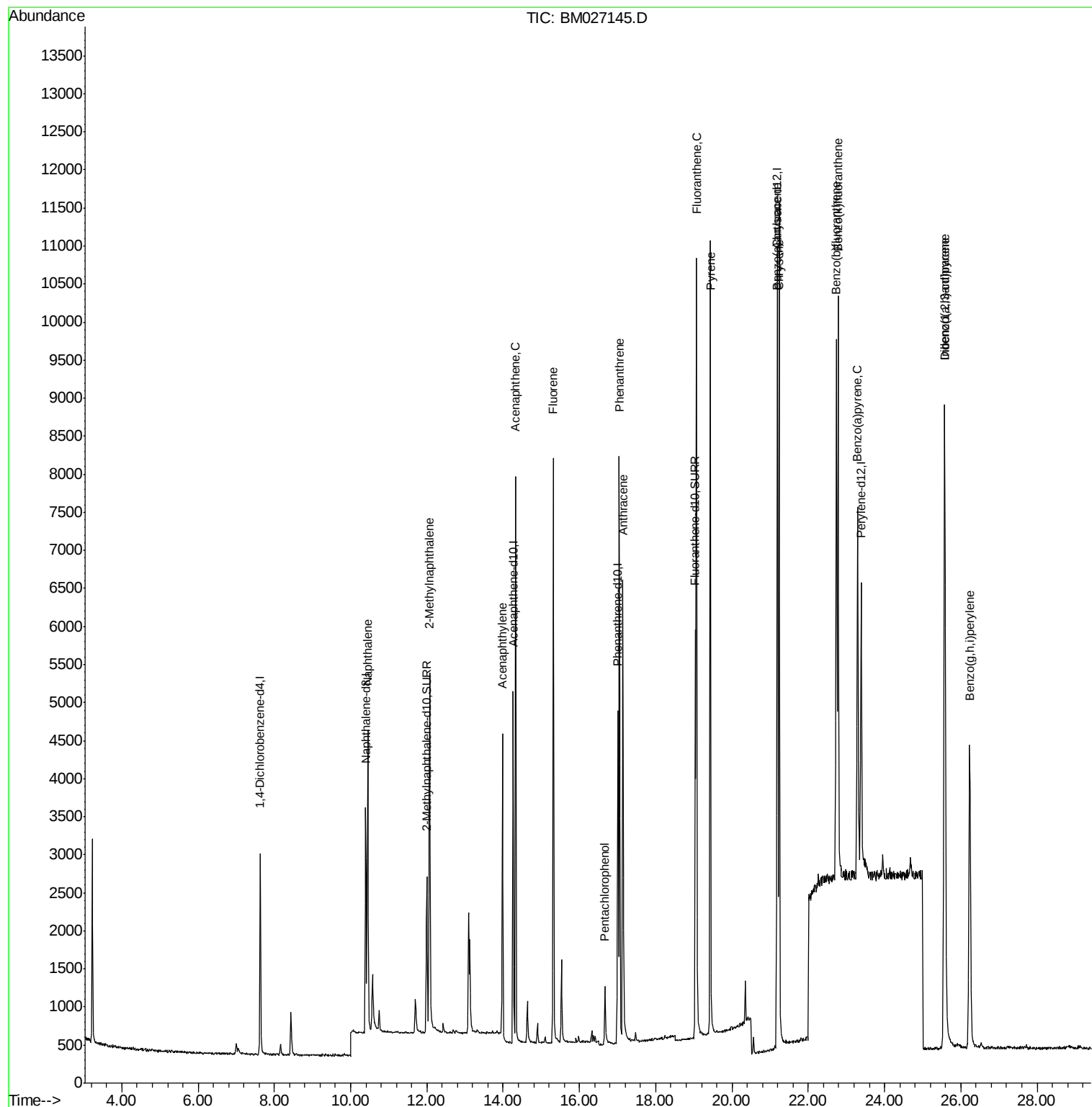
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1378	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	4304	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2609	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	5728	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	5262	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	5021	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3077	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	6683	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	5410	0.420	ng/ul	99
5) 2-Methylnaphthalene	12.07	142	3671	0.416	ng/ul	100
7) Acenaphthylene	13.98	152	4552	0.402	ng/ul	99
8) Acenaphthene	14.32	153	4201	0.427	ng/ul	99
9) Fluorene	15.31	166	4954	0.420	ng/ul	100
11) Pentachlorophenol	16.67	266	699	0.370	ng/ul	94
12) Phenanthrene	17.05	178	8252	0.426	ng/ul	100
13) Anthracene	17.14	178	7160	0.407	ng/ul	99
15) Fluoranthene	19.07	202	9632	0.414	ng/ul	99
17) Pyrene	19.43	202	9760	0.434	ng/ul	99
18) Benzo(a)anthracene	21.18	228	8481	0.406	ng/ul	99
19) Chrysene	21.23	228	9950	0.440	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	9340	0.434	ng/ul	98
22) Benzo(k)fluoranthene	22.78	252	10284	0.459	ng/ul	99
23) Benzo(a)pyrene	23.29	252	8463	0.434	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.57	276	10936	0.407	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.58	278	8908	0.407	ng/ul	98
26) Benzo(g,h,i)perylene	26.23	276	9148	0.394	ng/ul	99

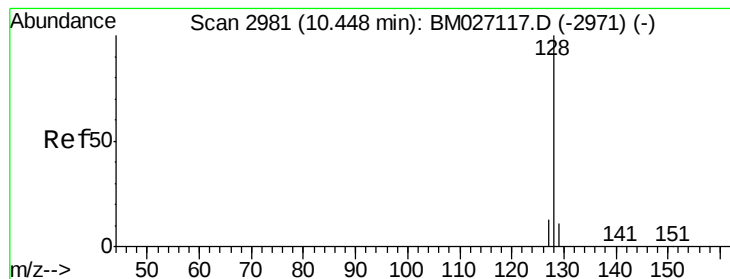
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082020\
Data File : BM027145.D
Acq On : 20 Aug 2020 01:44
Operator : JU/CG
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.430

Quant Time: Aug 20 06:54:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM081720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 11:15:05 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.420 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.430

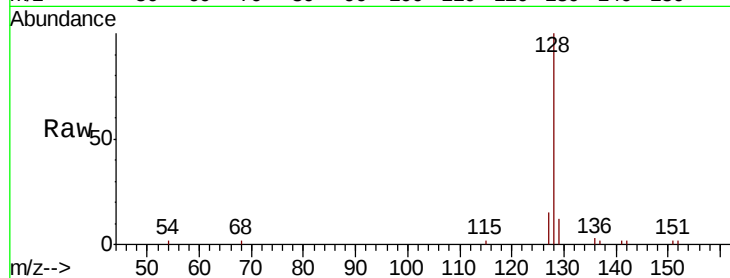
Tot Ion:128 Resp: 5410

Ion Ratio Lower Upper

128 100

129 12.0 10.1 15.1

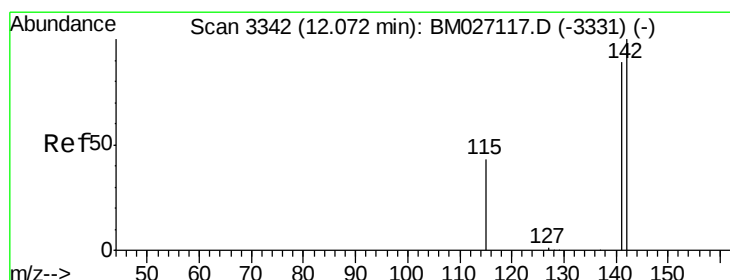
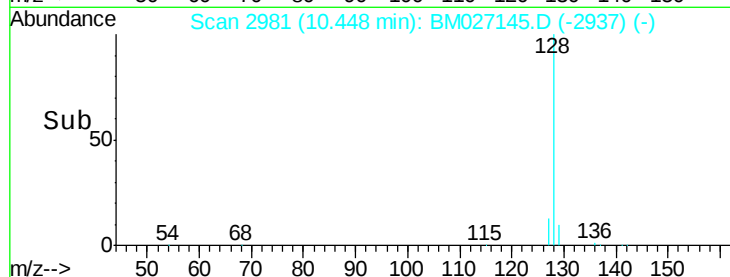
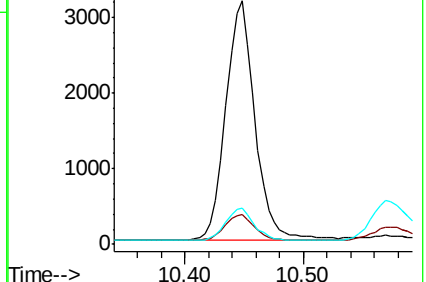
127 14.7 11.6 17.4



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: 0.416 ng/ul

RT: 12.07 min Scan# 3341

Delta R.T. -0.00 min

Lab File: BM027145.D

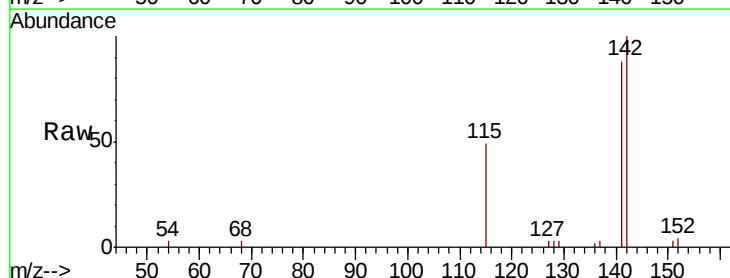
Acq: 20 Aug 2020 01:44

Tgt Ion:142 Resp: 3671

Ion Ratio Lower Upper

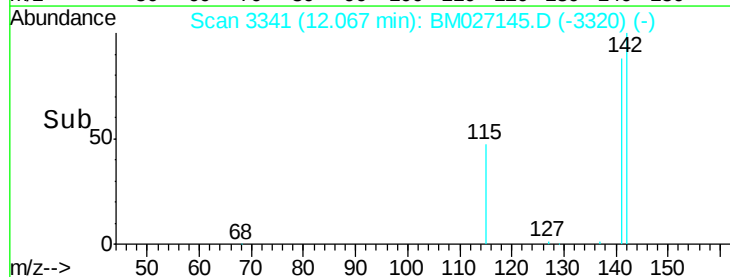
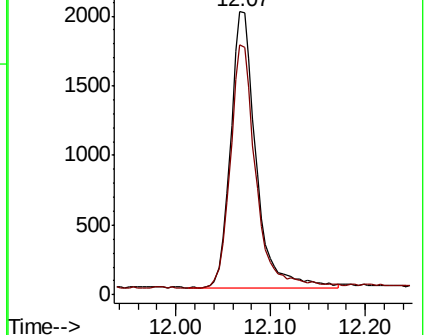
142 100

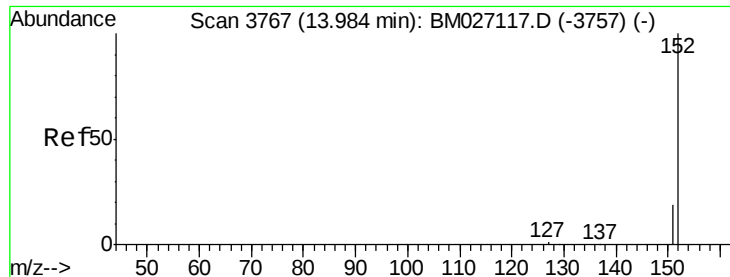
141 90.8 72.9 109.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.402 ng/ul

RT: 13.98 min Scan# 3766

Delta R.T. -0.00 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.430

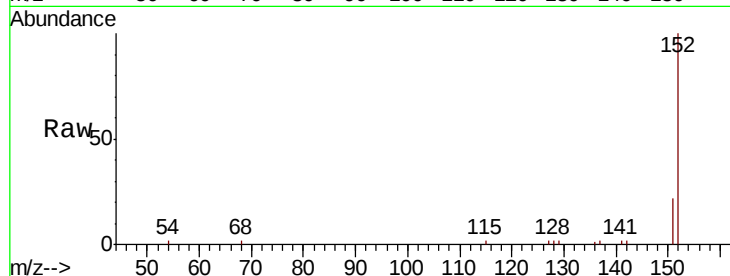
Tot Ion:152 Resp: 4552

Ion Ratio Lower Upper

152 100

151 21.7 16.9 25.3

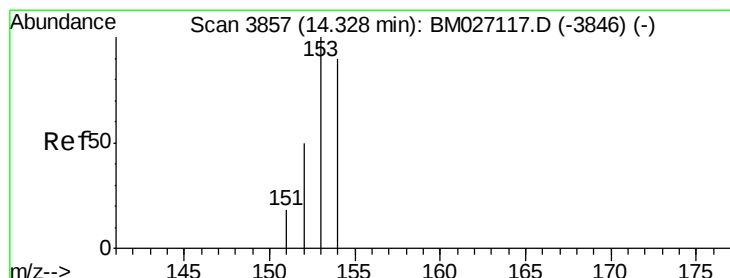
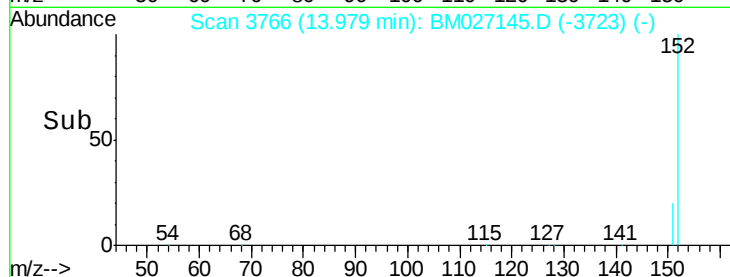
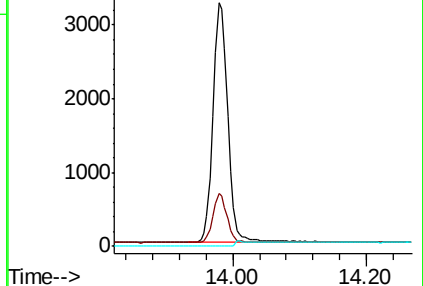
153 0.0 0.0 0.0



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: 0.427 ng/ul

RT: 14.32 min Scan# 3856

Delta R.T. -0.00 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

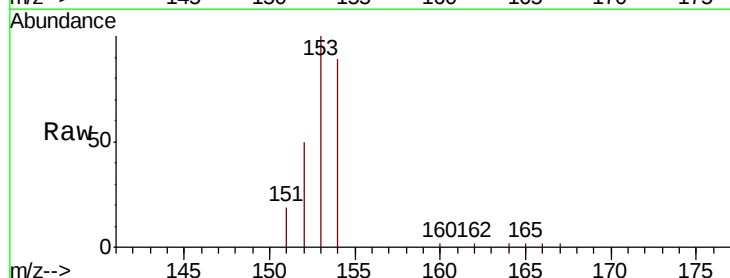
Tgt Ion:153 Resp: 4201

Ion Ratio Lower Upper

153 100

152 50.4 40.9 61.3

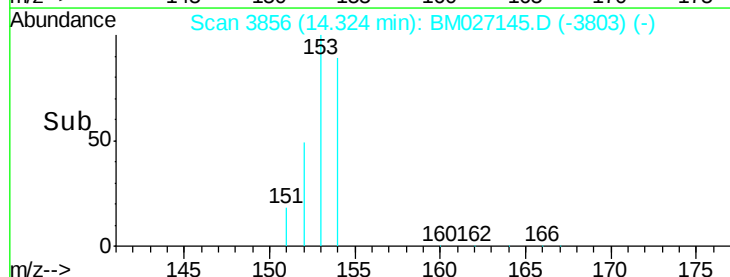
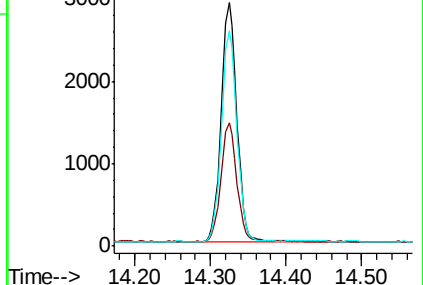
154 88.7 70.0 105.0

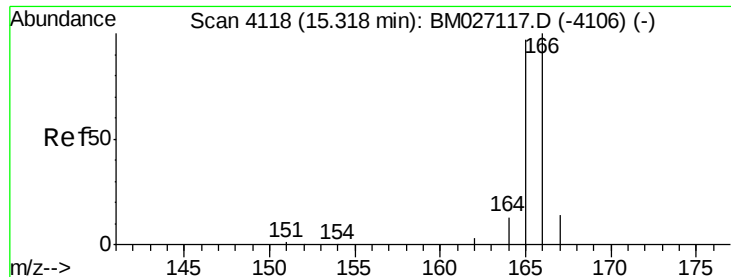


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.420 ng/ul

RT: 15.31 min Scan# 4117

Delta R.T. -0.00 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.430

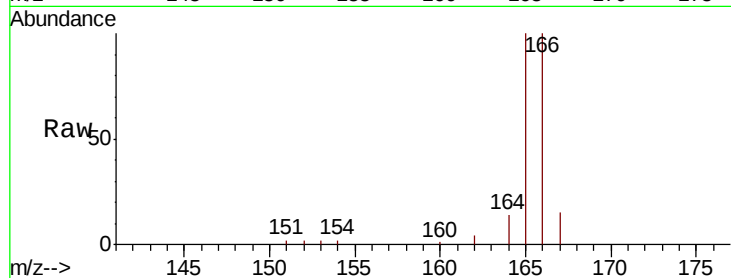
Tot Ion:166 Resp: 4954

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.6

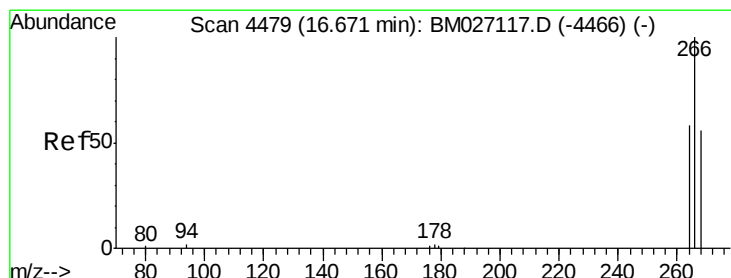
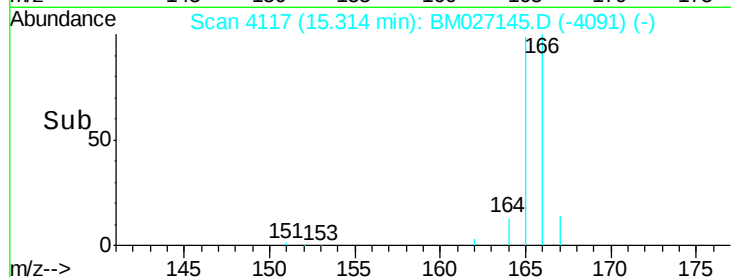
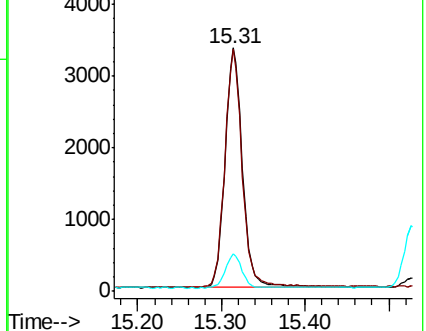
167 15.3 12.1 18.1



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: 0.370 ng/ul

RT: 16.67 min Scan# 4478

Delta R.T. -0.00 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

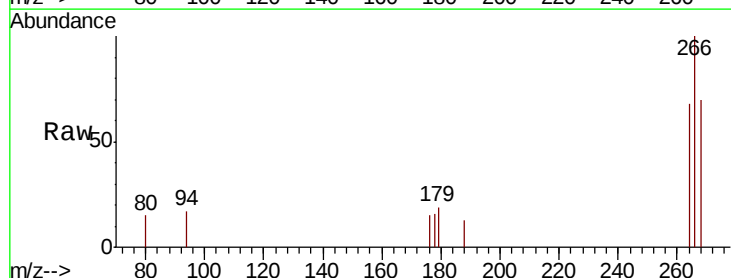
Tgt Ion:266 Resp: 699

Ion Ratio Lower Upper

266 100

264 63.7 47.8 71.8

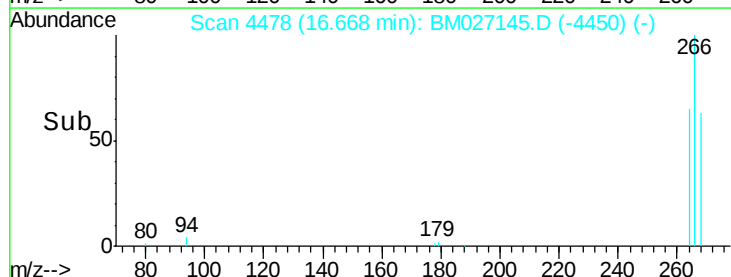
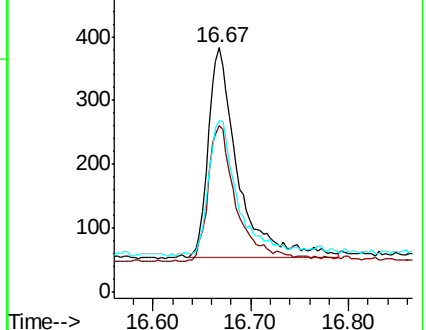
268 65.8 48.5 72.7

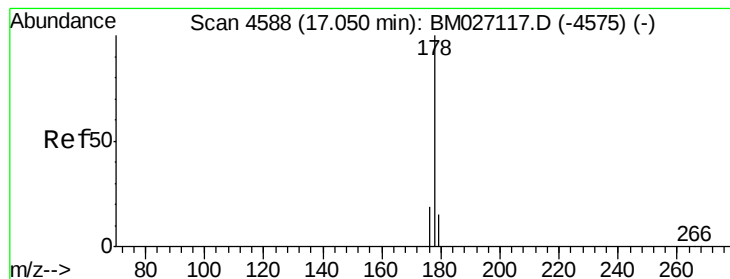


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.426 ng/ul

RT: 17.05 min Scan# 4587

Delta R.T. -0.00 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.430

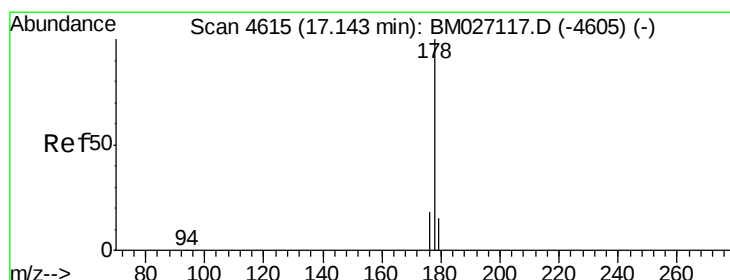
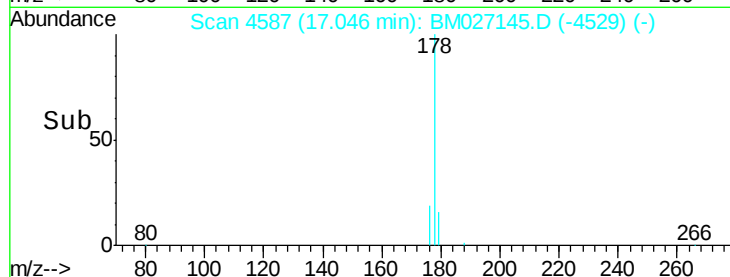
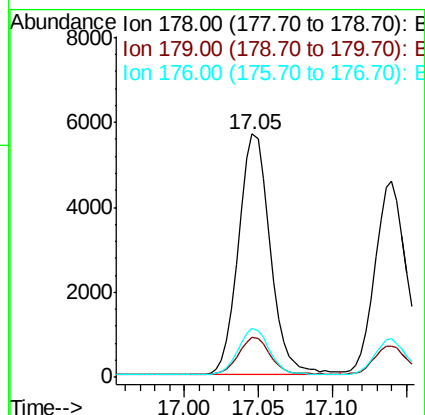
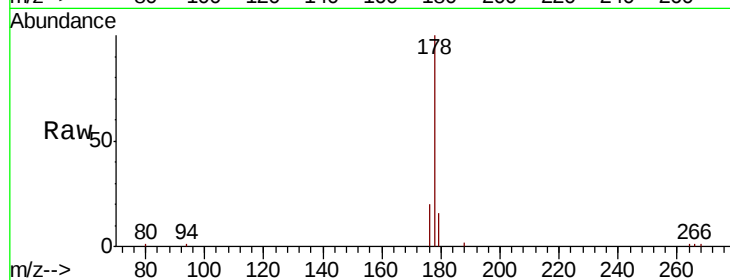
Tot Ion:178 Resp: 8252

Ion Ratio Lower Upper

178 100

179 16.5 13.4 20.2

176 20.0 16.0 24.0



#13

Anthracene

Concen: 0.407 ng/ul

RT: 17.14 min Scan# 4614

Delta R.T. -0.00 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

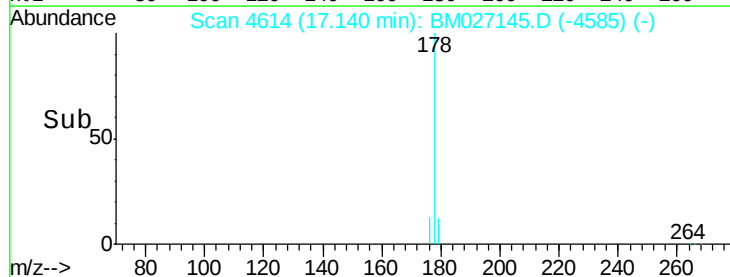
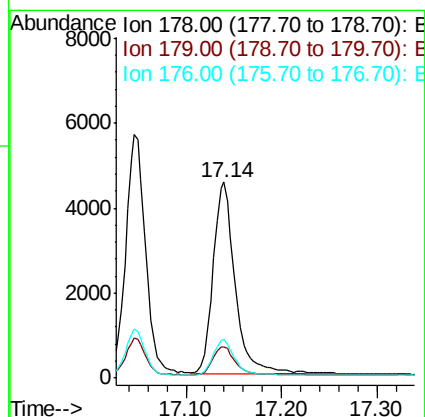
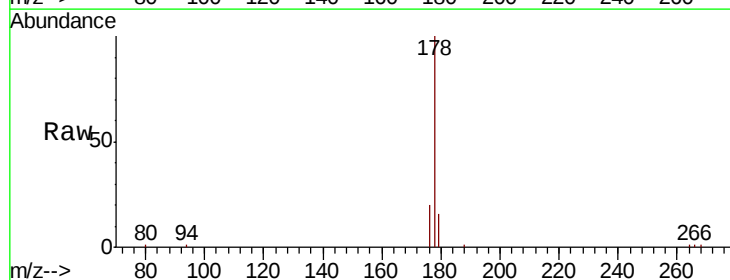
Tgt Ion:178 Resp: 7160

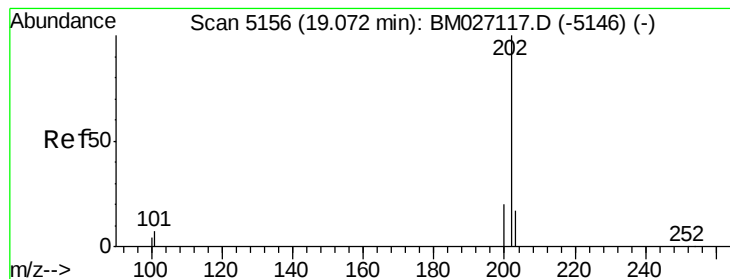
Ion Ratio Lower Upper

178 100

179 16.1 13.7 20.5

176 19.7 15.5 23.3





#15

Fluoranthene

Concen: 0.414 ng/ul

RT: 19.07 min Scan# 5155

Delta R.T. -0.00 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.430

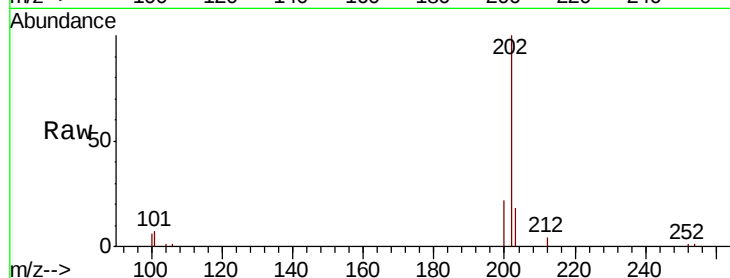
Tot Ion:202 Resp: 9632

Ion Ratio Lower Upper

202 100

101 6.6 0.0 27.1

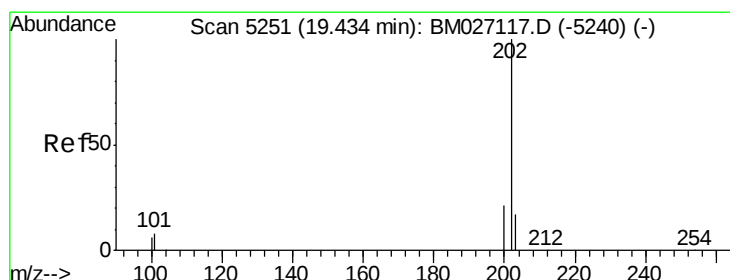
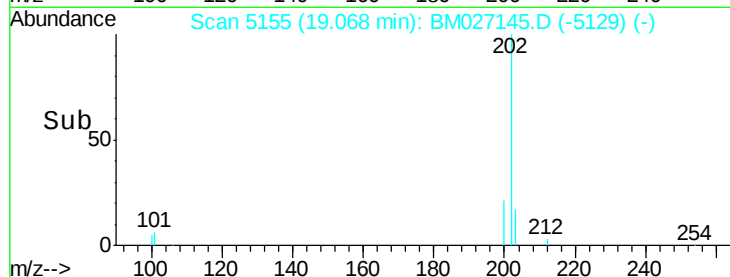
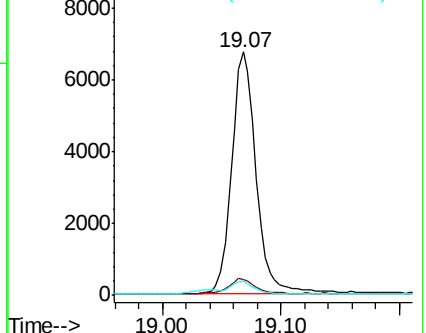
100 5.7 0.0 25.7



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: 0.434 ng/ul

RT: 19.43 min Scan# 5250

Delta R.T. -0.00 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

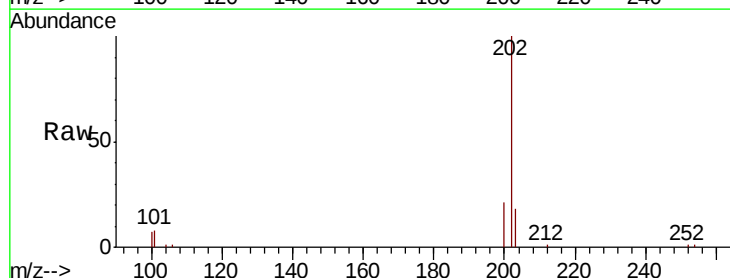
Tgt Ion:202 Resp: 9760

Ion Ratio Lower Upper

202 100

101 8.1 6.6 9.8

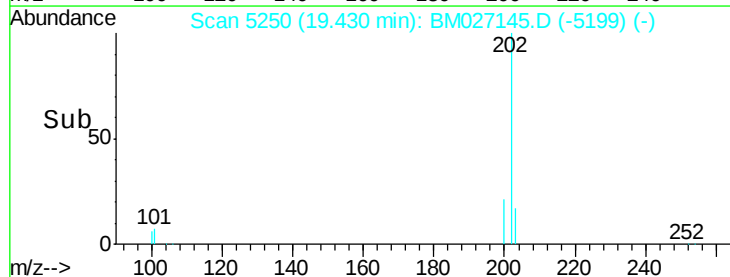
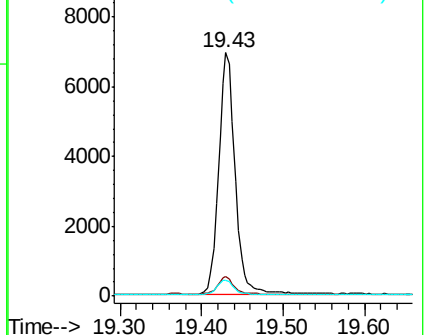
100 6.5 5.6 8.4

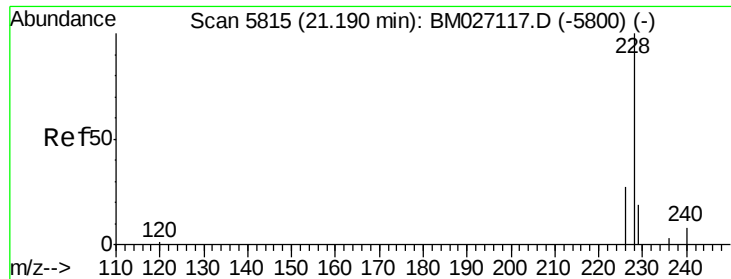


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.406 ng/ul

RT: 21.18 min Scan# 5812

Delta R.T. -0.00 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.430

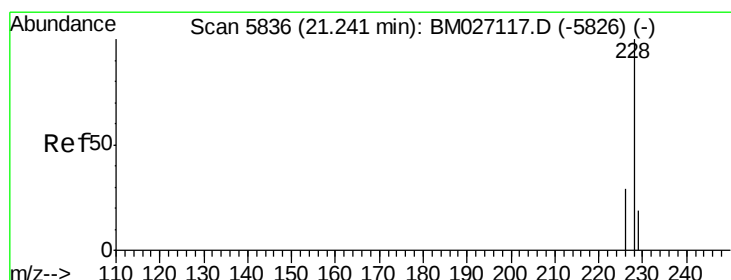
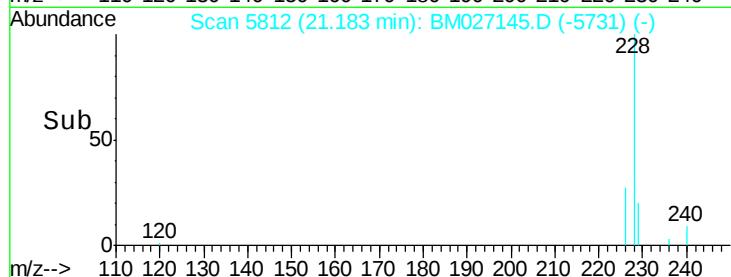
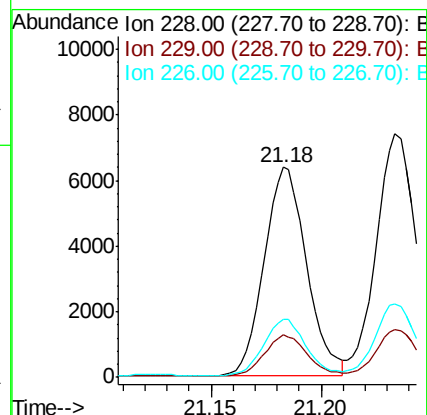
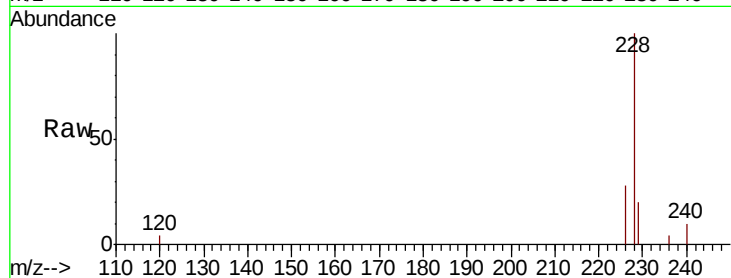
Tot Ion:228 Resp: 8481

Ion Ratio Lower Upper

228 100

229 20.5 16.2 24.4

226 27.6 22.4 33.6



#19

Chrysene

Concen: 0.440 ng/ul

RT: 21.23 min Scan# 5833

Delta R.T. -0.01 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

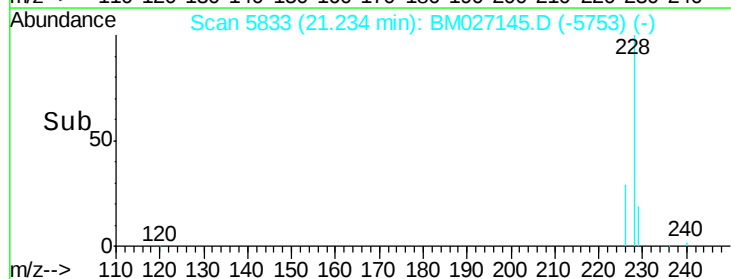
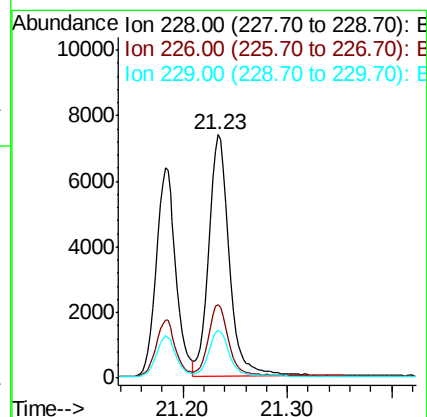
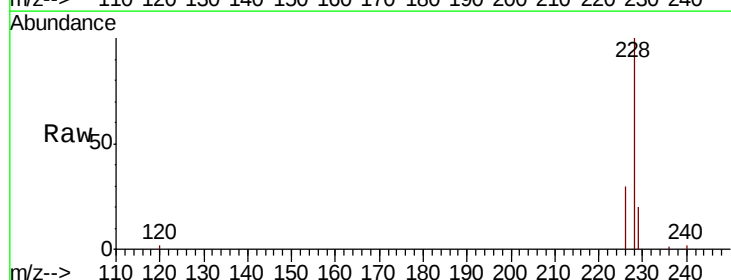
Tgt Ion:228 Resp: 9950

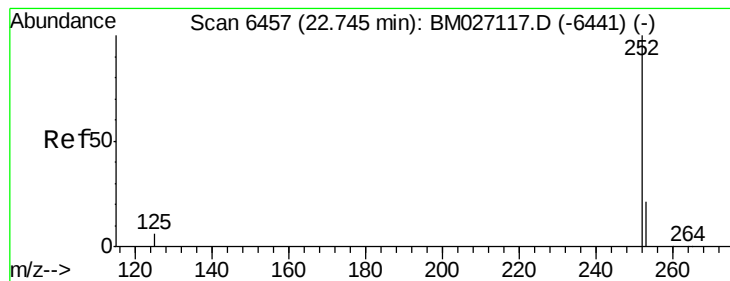
Ion Ratio Lower Upper

228 100

226 30.0 24.6 36.8

229 19.8 15.9 23.9





#21

Benzo(b)fluoranthene

Concen: 0.434 ng/ul

RT: 22.73 min Scan# 6452

Delta R.T. -0.01 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.430

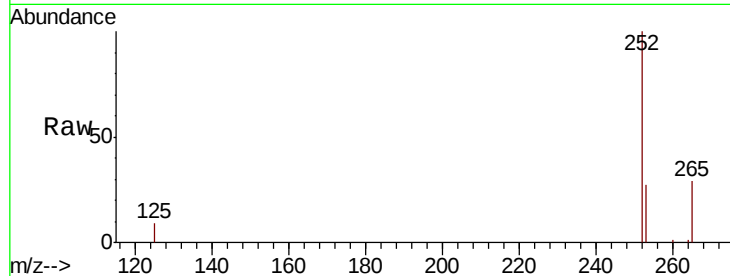
Tot Ion:252 Resp: 9340

Ion Ratio Lower Upper

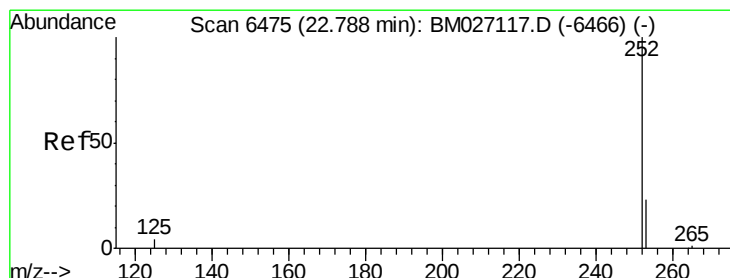
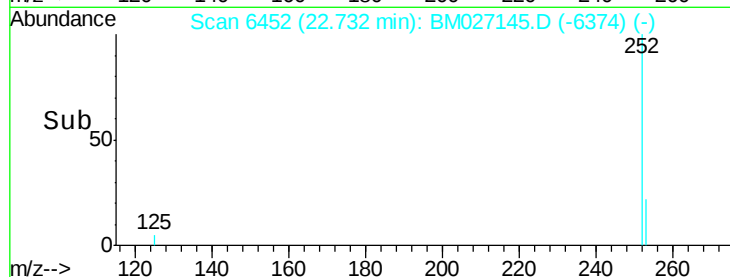
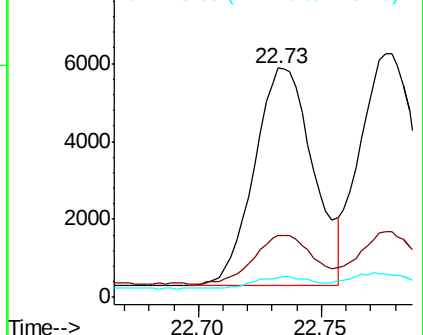
252 100

253 26.8 0.0 54.0

125 8.7 0.0 20.8



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: 0.459 ng/ul

RT: 22.78 min Scan# 6471

Delta R.T. -0.01 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

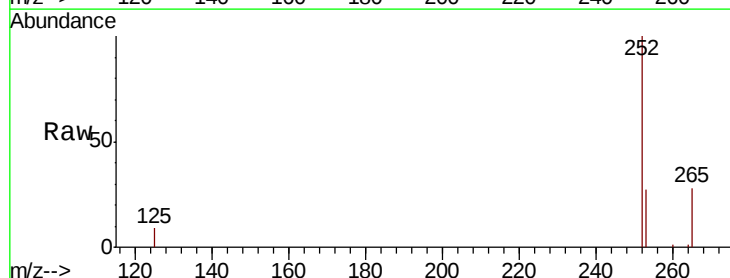
Tgt Ion:252 Resp: 10284

Ion Ratio Lower Upper

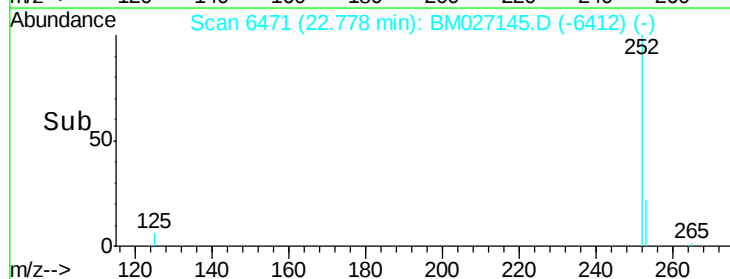
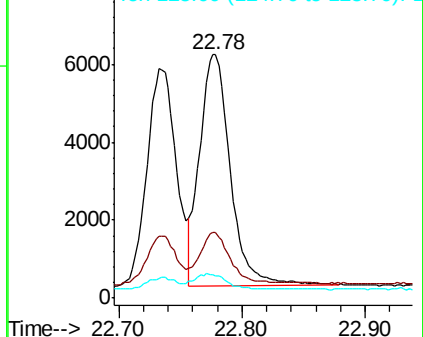
252 100

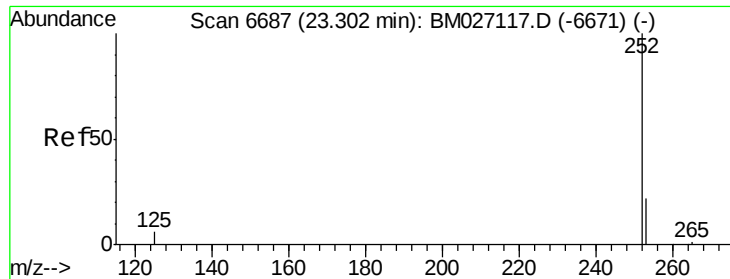
253 26.8 21.7 32.5

125 8.9 7.9 11.9



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: 0.434 ng/ul

RT: 23.29 min Scan# 6683

Delta R.T. -0.01 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

Instrument :

BNA_M

ClientSampleId :

SSTD0.430

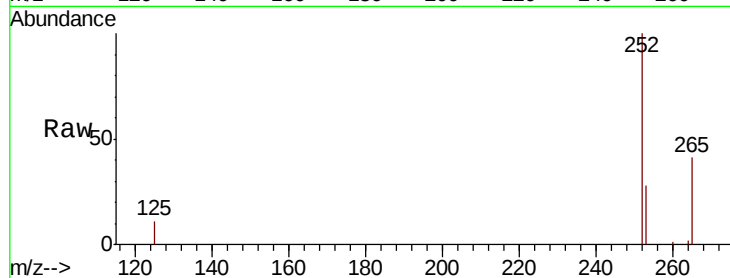
Tot Ion:252 Resp: 8463

Ion Ratio Lower Upper

252 100

253 27.8 23.4 35.0

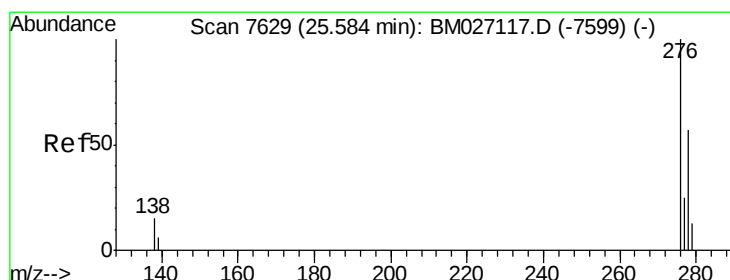
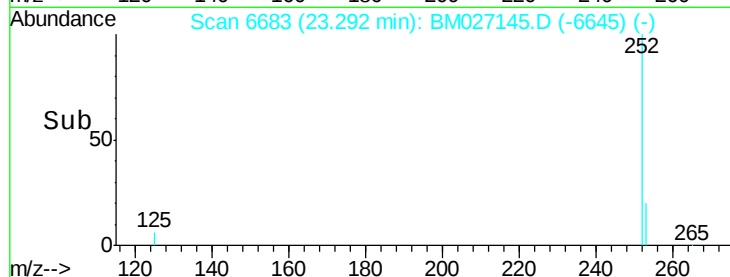
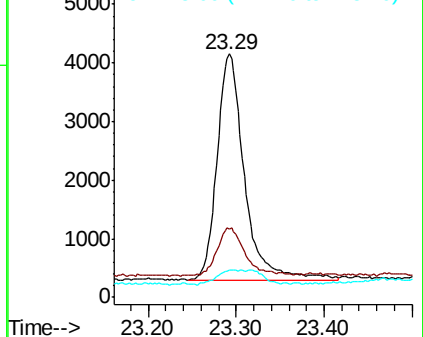
125 10.9 9.4 14.2



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: 0.407 ng/ul

RT: 25.57 min Scan# 7624

Delta R.T. -0.01 min

Lab File: BM027145.D

Acq: 20 Aug 2020 01:44

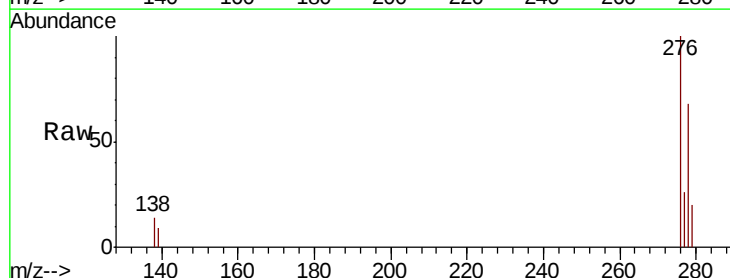
Tgt Ion:276 Resp: 10936

Ion Ratio Lower Upper

276 100

138 12.9 12.2 18.2

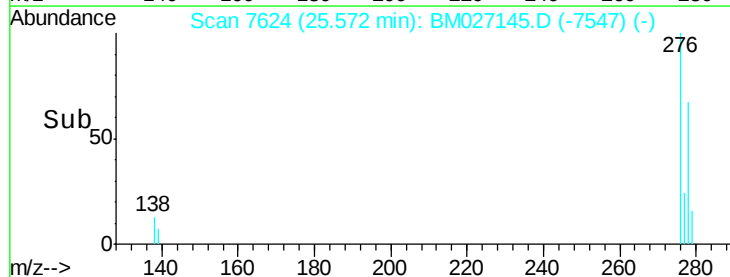
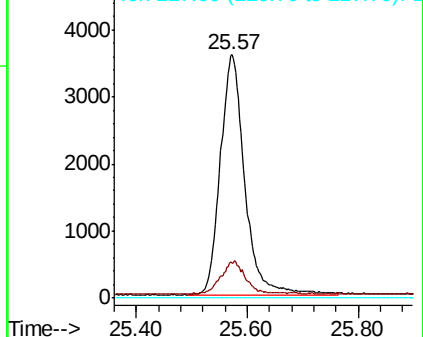
227 0.0 0.0 0.0

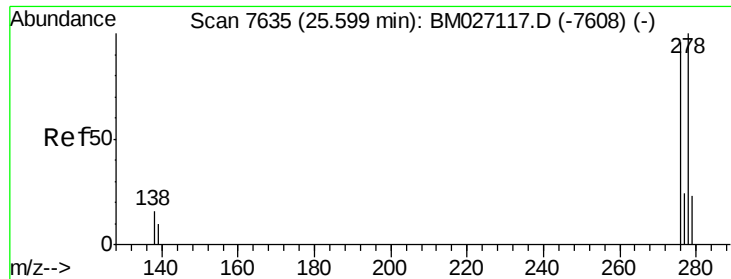


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

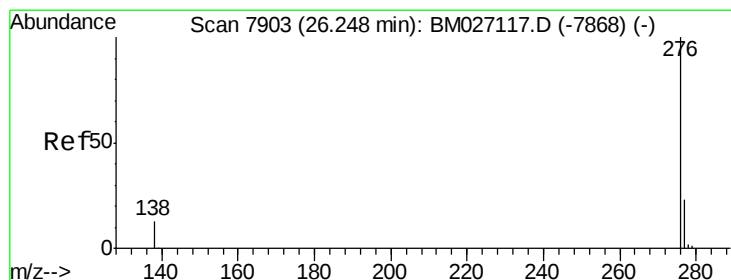
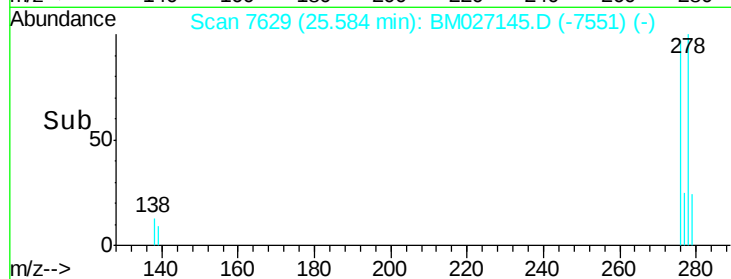
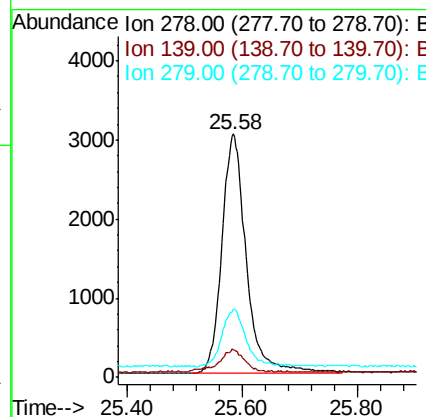
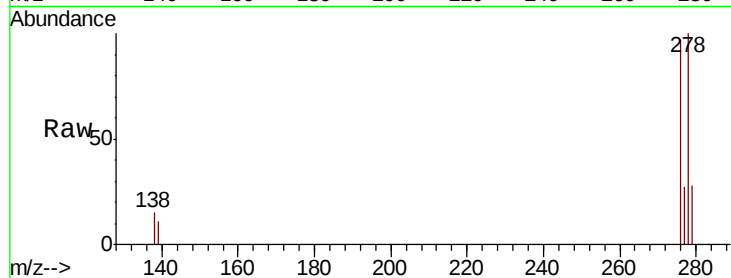




#25
Dibenzo(a,h)anthracene
Concen: 0.407 ng/ul
RT: 25.58 min Scan# 7629
Delta R.T. -0.01 min
Lab File: BM027145.D
Acq: 20 Aug 2020 01:44

Instrument :
BNA_M
ClientSampleId :
SSTD0.430

Tot Ion:278 Resp: 8908
Ion Ratio Lower Upper
278 100
139 11.3 10.0 15.0
279 27.8 22.9 34.3



#26
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 26.23 min Scan# 7896
Delta R.T. -0.01 min
Lab File: BM027145.D
Acq: 20 Aug 2020 01:44

Tgt Ion:276 Resp: 9148
Ion Ratio Lower Upper
276 100
138 14.0 12.0 18.0
277 26.0 20.9 31.3

