

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022634.D
 Acq On : 10 Sep 2019 23:51
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 11 00:23:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

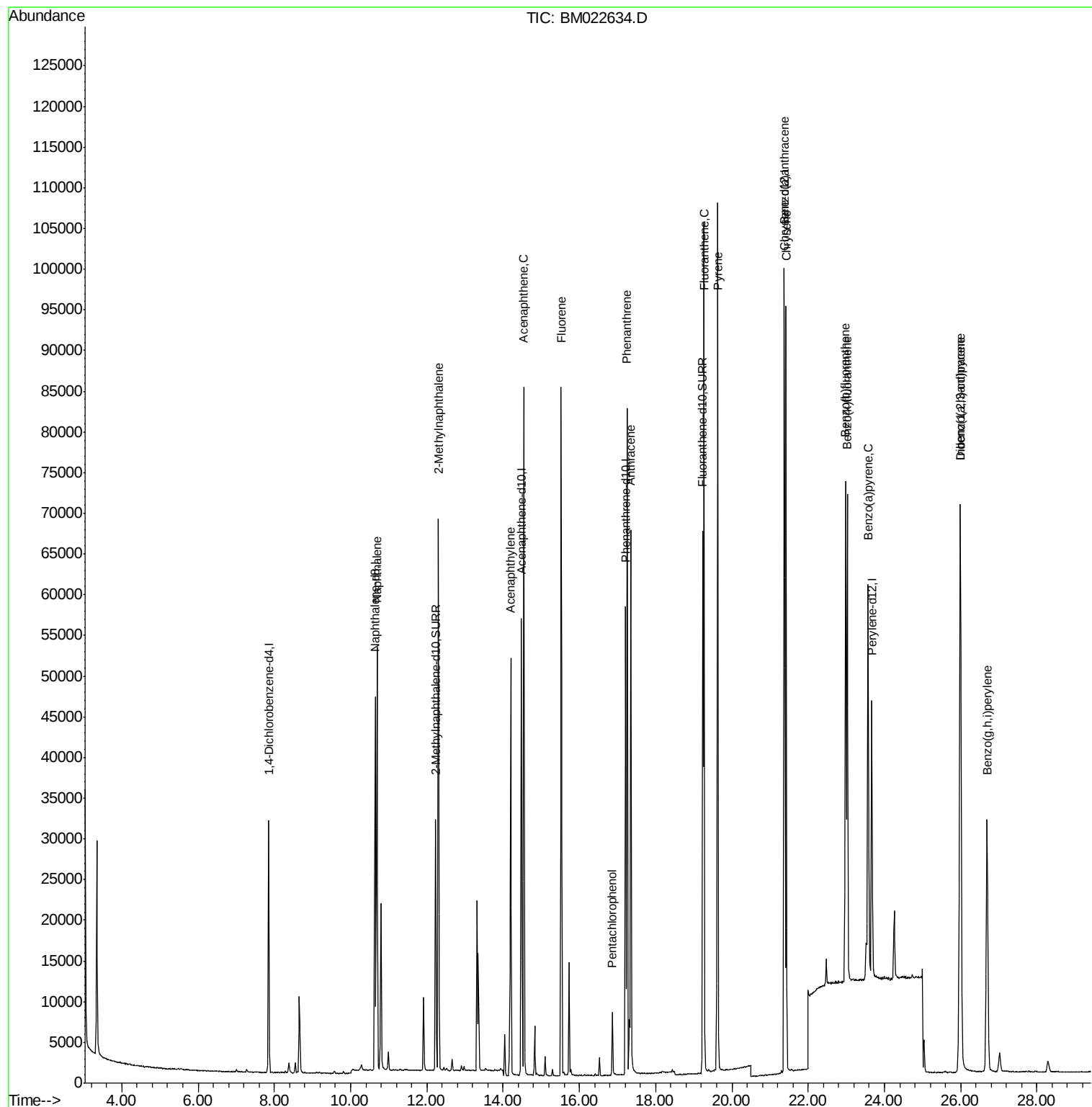
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	15259	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	60567	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	30654	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	65565	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	47380	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	43764	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	39871	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	70488	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.69	128	69675	0.404	ng/ul	100
5) 2-Methylnaphthalene	12.30	142	47417	0.401	ng/ul	100
7) Acenaphthylene	14.20	152	57671	0.406	ng/ul	100
8) Acenaphthene	14.54	153	47185	0.397	ng/ul	99
9) Fluorene	15.52	166	52773	0.388	ng/ul	99
11) Pentachlorophenol	16.87	266	5255	0.395	ng/ul	100
12) Phenanthrene	17.25	178	82974	0.397	ng/ul	100
13) Anthracene	17.34	178	72011	0.402	ng/ul	100
15) Fluoranthene	19.27	202	88218	0.391	ng/ul	99
17) Pyrene	19.63	202	88609	0.413	ng/ul	99
18) Benzo(a)anthracene	21.37	228	73791	0.407	ng/ul	100
19) Chrysene	21.42	228	76029	0.399	ng/ul	100
21) Benzo(b)fluoranthene	22.98	252	73996	0.389	ng/ul	99
22) Benzo(k)fluoranthene	23.02	252	76046	0.392	ng/ul	99
23) Benzo(a)pyrene	23.57	252	68269	0.410	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.98	276	84012	0.414	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.00	278	68518	0.418	ng/ul	98
26) Benzo(g,h,i)perylene	26.69	276	66195	0.409	ng/ul	99

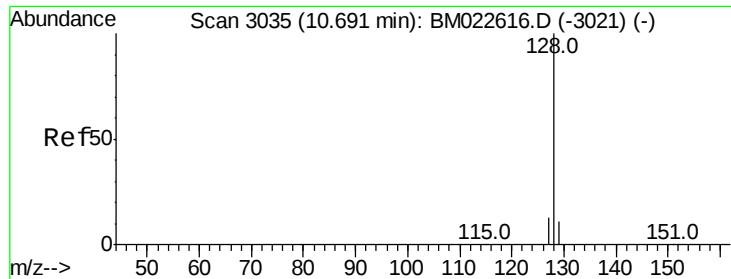
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.404 ng/ul

RT: 10.69 min Scan# 3035

Delta R.T. -0.00 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

Instrument :

BNA_M

ClientSampled :

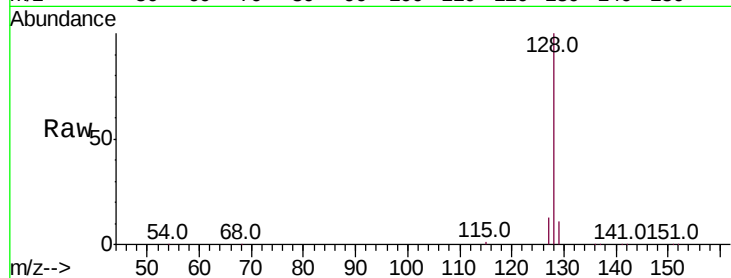
Tot Ion:128 Resp: 69675

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

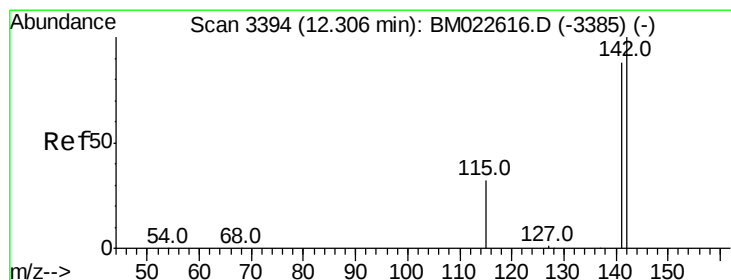
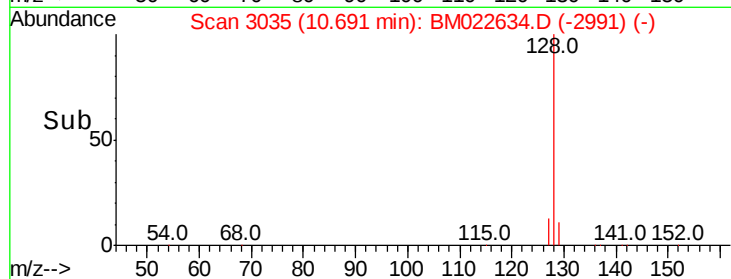
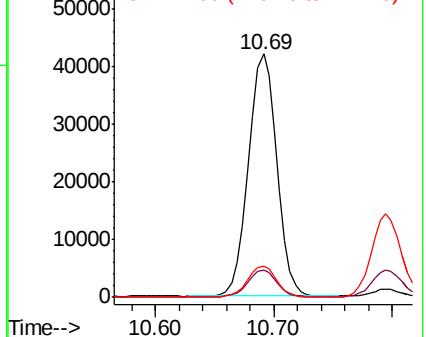
127 12.9 10.4 15.6



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: 0.401 ng/ul

RT: 12.30 min Scan# 3393

Delta R.T. -0.00 min

Lab File: BM022634.D

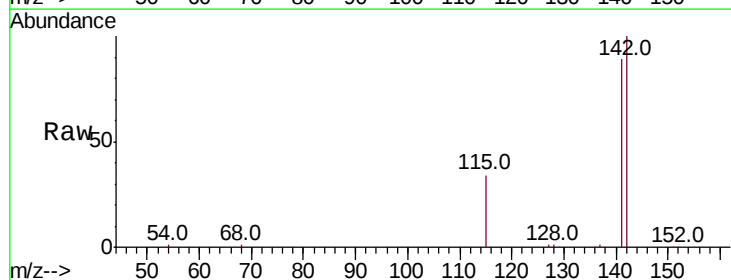
Acq: 10 Sep 2019 23:51

Tgt Ion:142 Resp: 47417

Ion Ratio Lower Upper

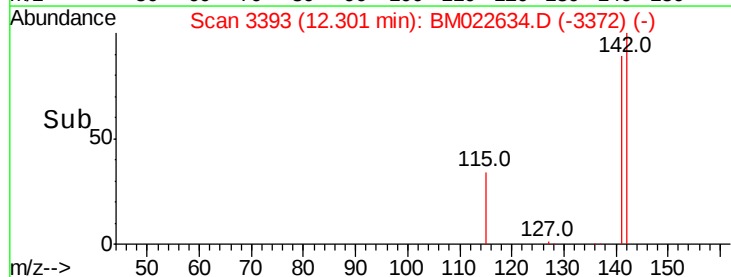
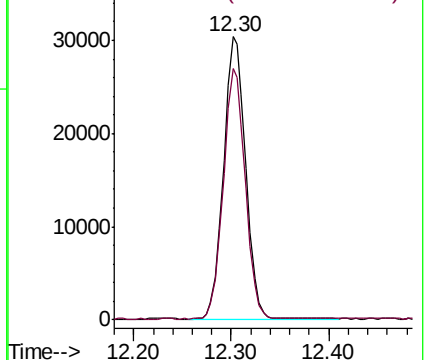
142 100

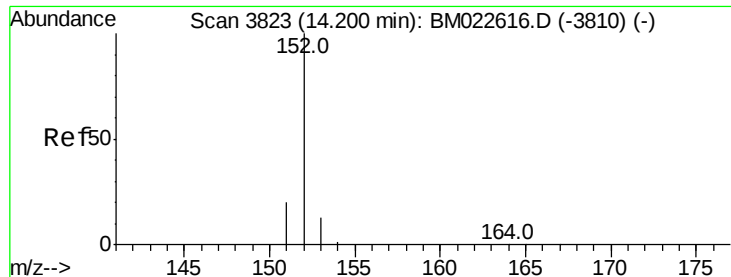
141 88.4 70.8 106.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.406 ng/ul

RT: 14.20 min Scan# 3822

Delta R.T. -0.00 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

Instrument :

BNA_M

ClientSampleId :

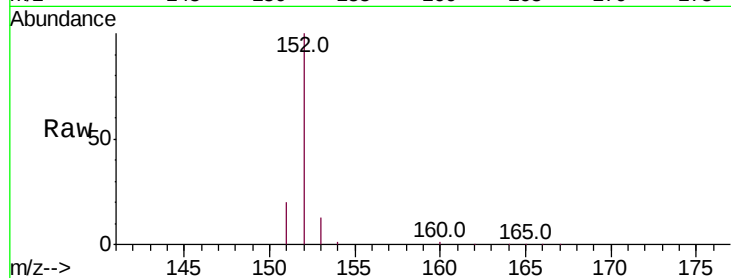
Tot Ion:152 Resp: 57671

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

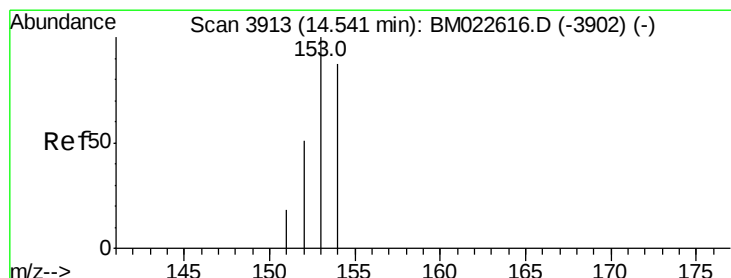
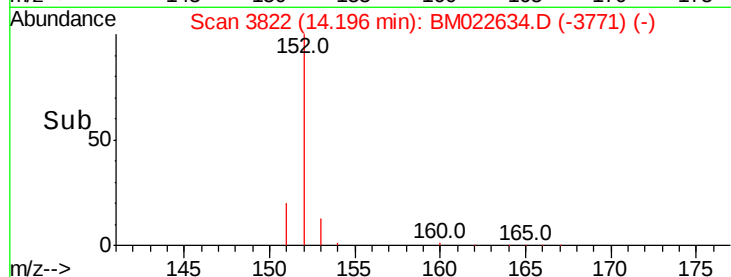
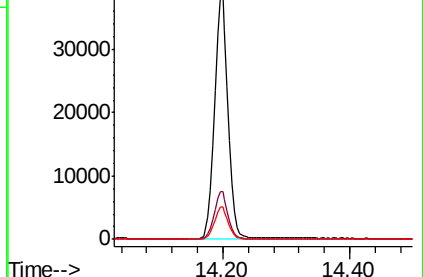
153 13.3 10.7 16.1



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: 0.397 ng/ul

RT: 14.54 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

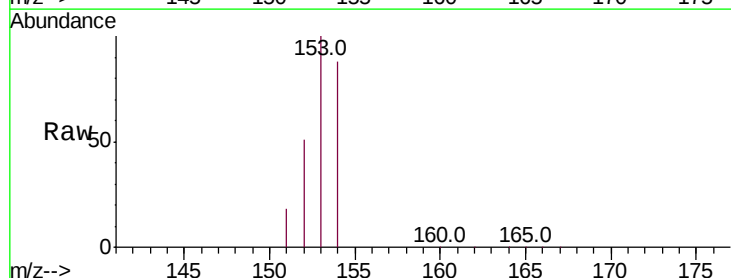
Tgt Ion:153 Resp: 47185

Ion Ratio Lower Upper

153 100

152 50.8 40.7 61.1

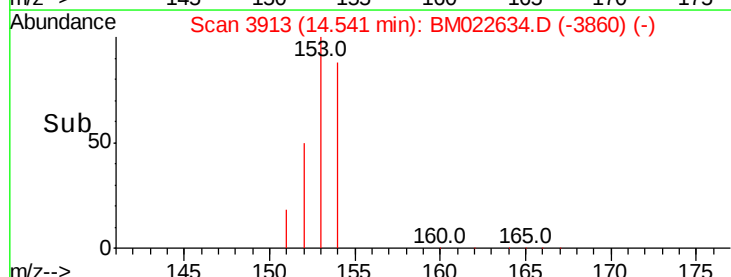
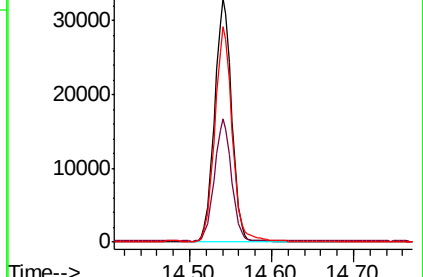
154 88.3 70.0 105.0

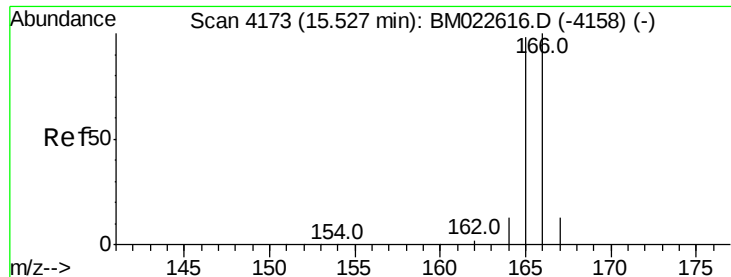


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.388 ng/ul

RT: 15.52 min Scan# 4172

Delta R.T. -0.00 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

Instrument :

BNA_M

ClientSampleId :

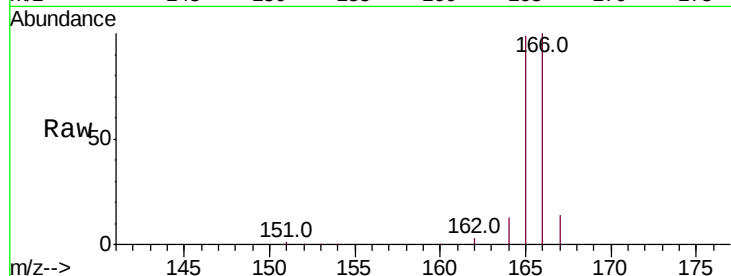
Tot Ion:166 Resp: 52773

Ion Ratio Lower Upper

166 100

165 99.2 78.2 117.2

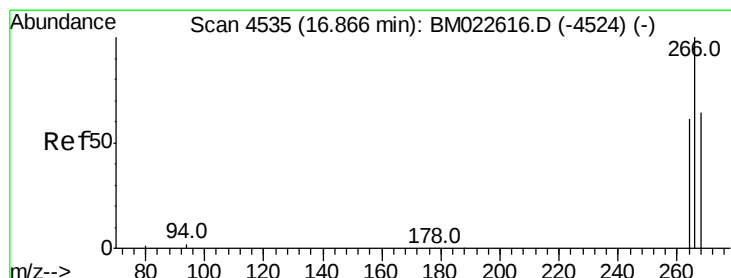
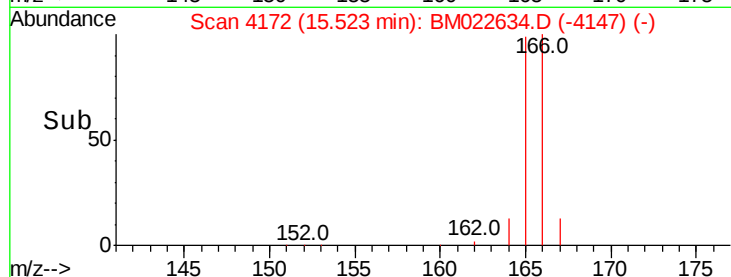
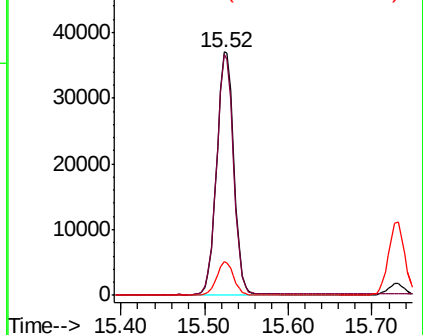
167 13.7 10.8 16.2



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: 0.395 ng/ul

RT: 16.87 min Scan# 4535

Delta R.T. -0.00 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

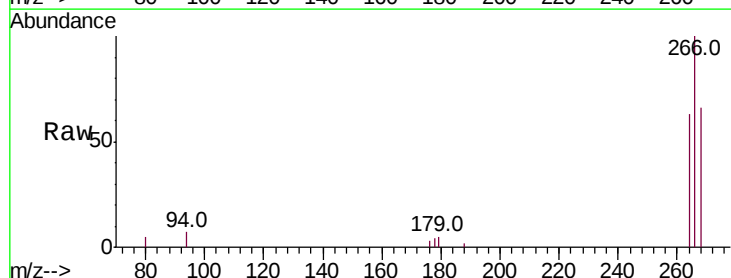
Tgt Ion:266 Resp: 5255

Ion Ratio Lower Upper

266 100

264 63.3 50.4 75.6

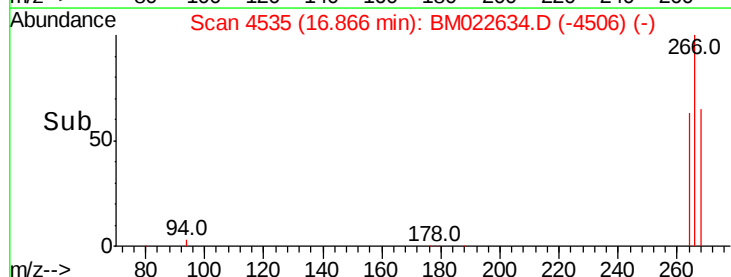
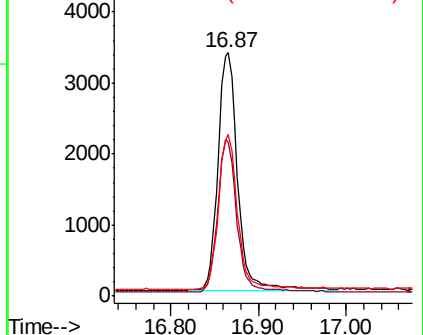
268 64.0 51.3 76.9

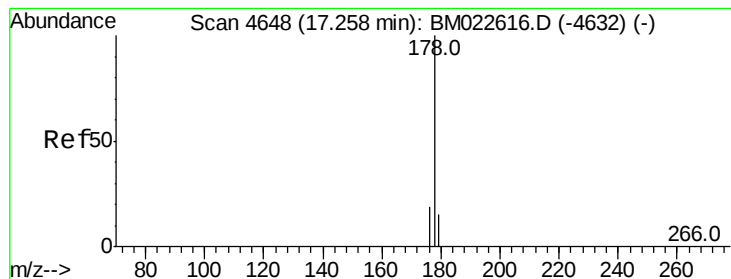


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.397 ng/ul

RT: 17.25 min Scan# 4647

Delta R.T. -0.00 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

Instrument :

BNA_M

ClientSampleId :

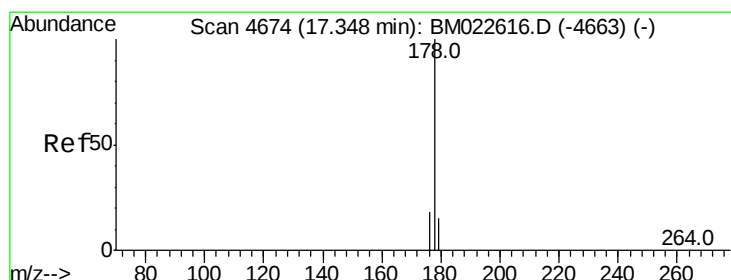
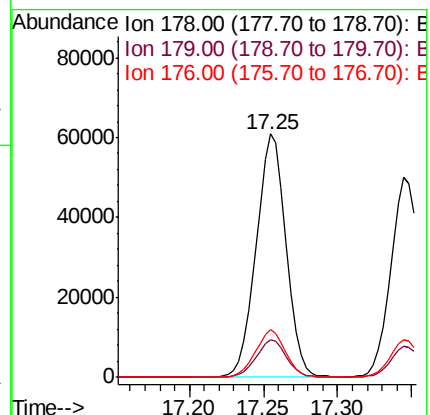
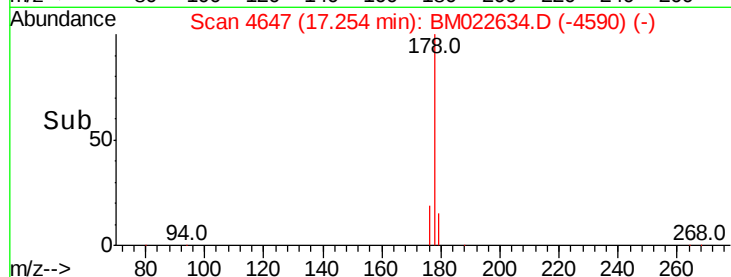
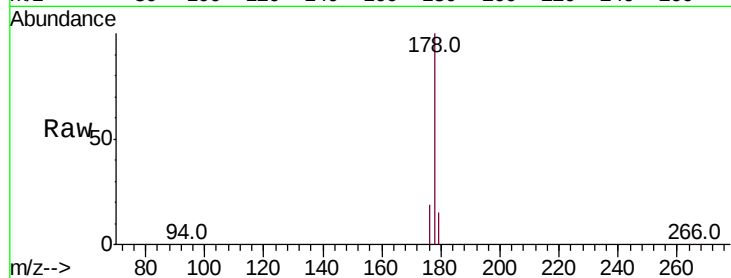
Tot Ion:178 Resp: 82974

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.4 15.3 22.9



#13

Anthracene

Concen: 0.402 ng/ul

RT: 17.34 min Scan# 4673

Delta R.T. -0.00 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

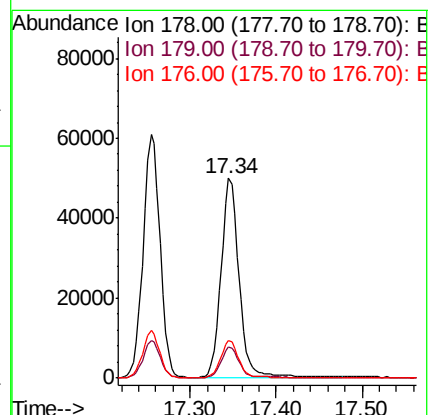
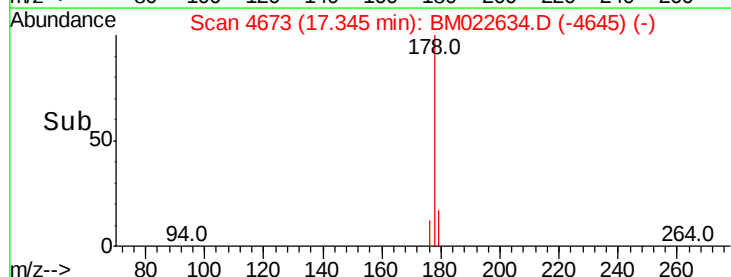
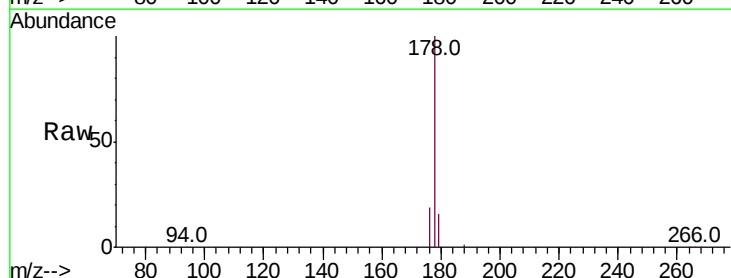
Tgt Ion:178 Resp: 72011

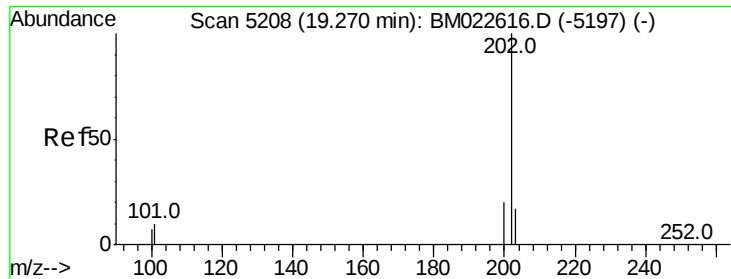
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.5 14.8 22.2





#15

Fluoranthene

Concen: 0.391 ng/ul

RT: 19.27 min Scan# 5207

Delta R.T. -0.00 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

Instrument :

BNA_M

ClientSampleId :

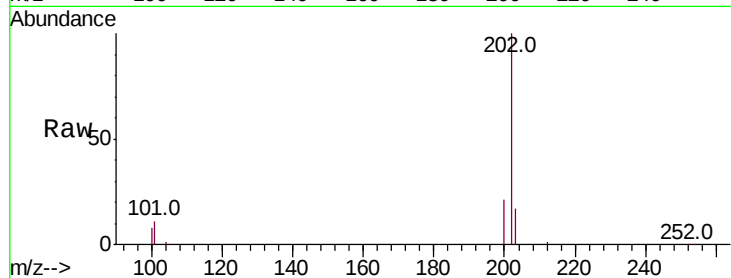
Tot Ion:202 Resp: 88218

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.5

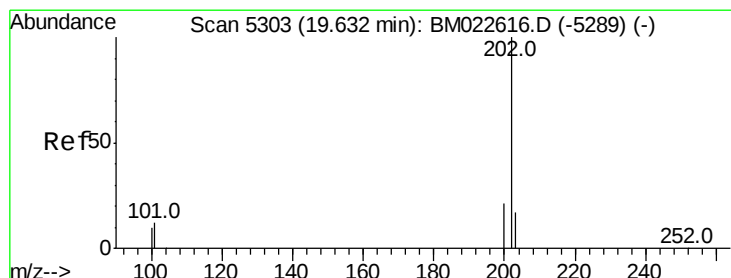
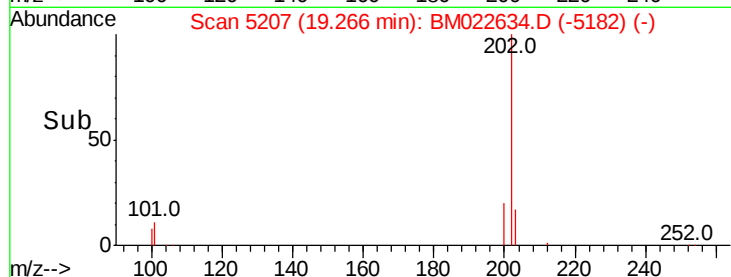
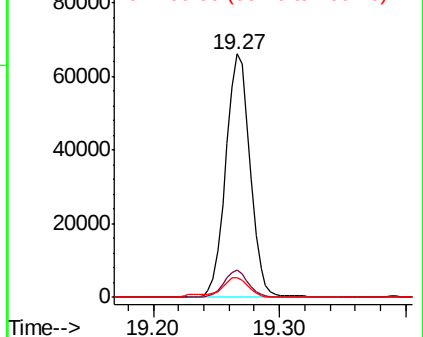
100 8.3 0.0 28.0



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: 0.413 ng/ul

RT: 19.63 min Scan# 5302

Delta R.T. -0.00 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

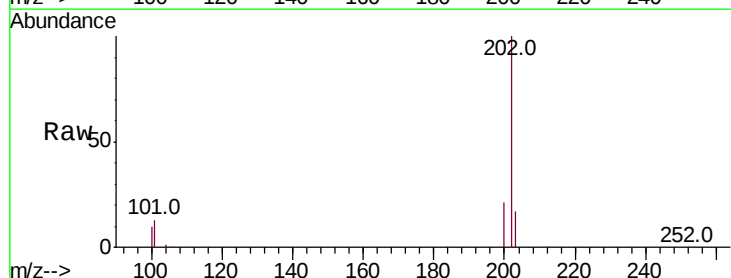
Tgt Ion:202 Resp: 88609

Ion Ratio Lower Upper

202 100

101 12.7 10.0 15.0

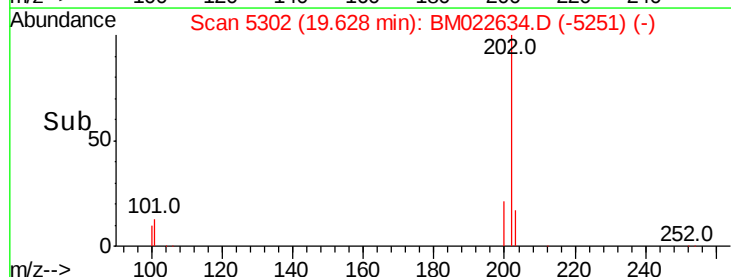
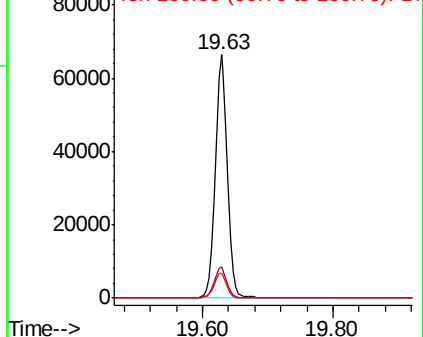
100 10.3 8.1 12.1

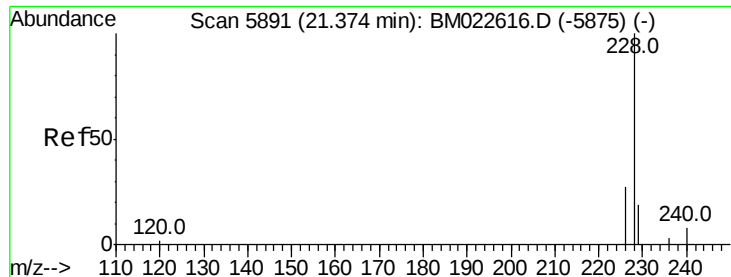


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.407 ng/ul

RT: 21.37 min Scan# 5890

Delta R.T. -0.00 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

Instrument :

BNA_M

ClientSampleId :

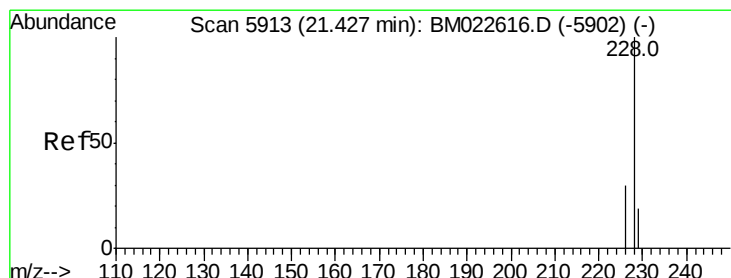
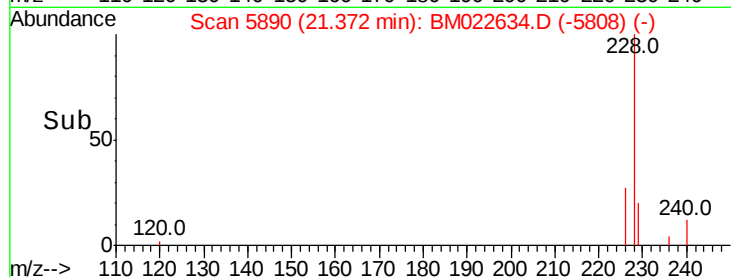
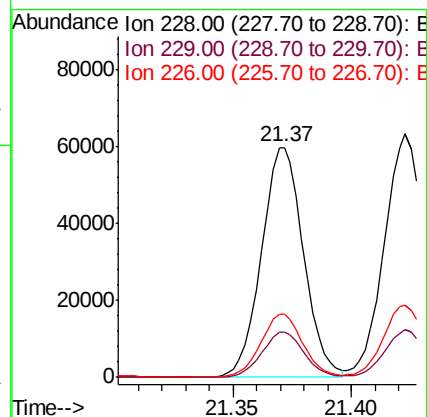
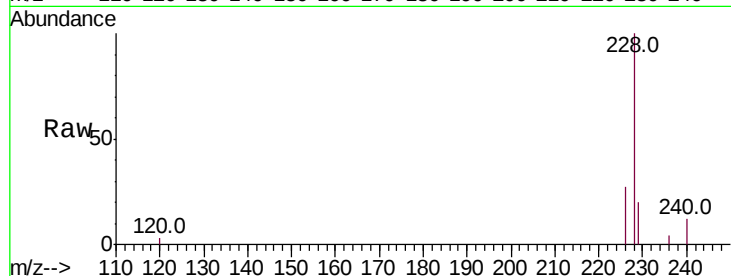
Tot Ion:228 Resp: 73791

Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.2 22.0 33.0



#19

Chrysene

Concen: 0.399 ng/ul

RT: 21.42 min Scan# 5911

Delta R.T. -0.01 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

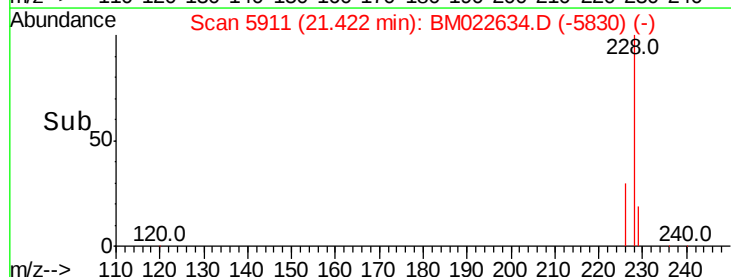
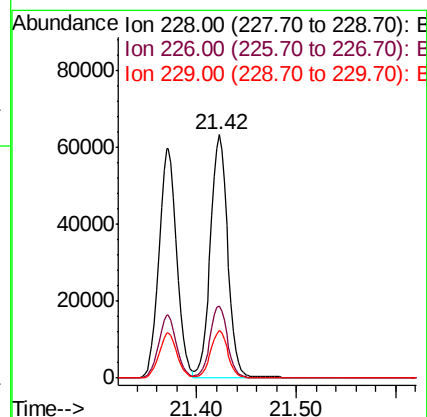
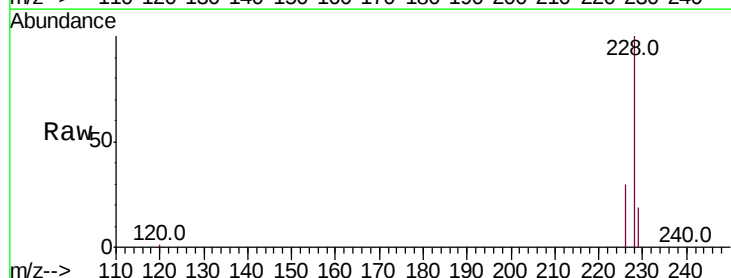
Tgt Ion:228 Resp: 76029

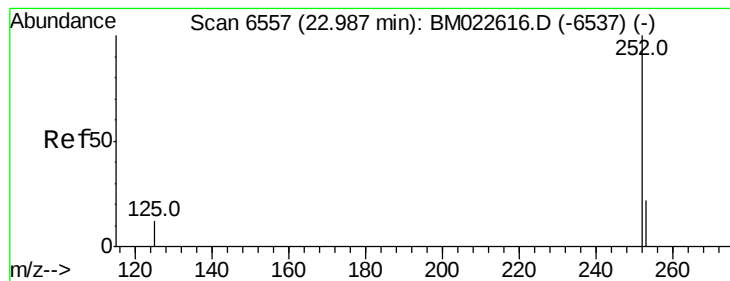
Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 19.4 15.5 23.3





#21

Benzo(b)fluoranthene

Concen: 0.389 ng/ul

RT: 22.98 min Scan# 6554

Delta R.T. -0.01 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

Instrument :

BNA_M

ClientSampleId :

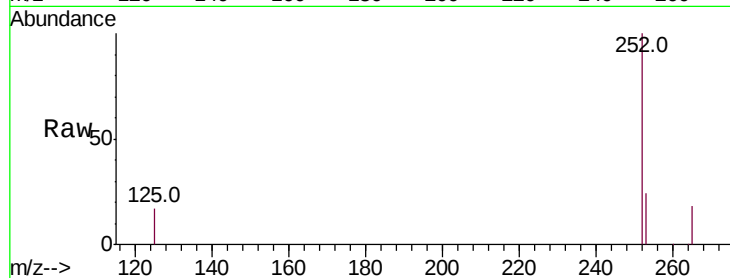
Tot Ion:252 Resp: 73996

Ion Ratio Lower Upper

252 100

253 24.0 0.0 48.4

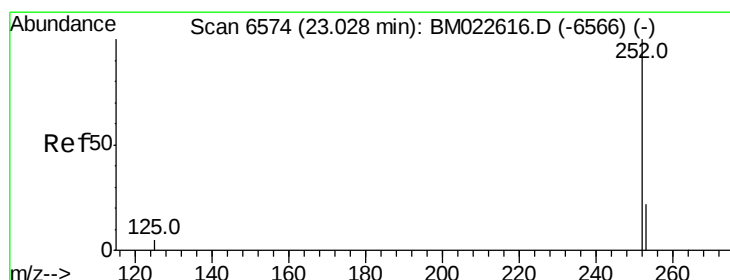
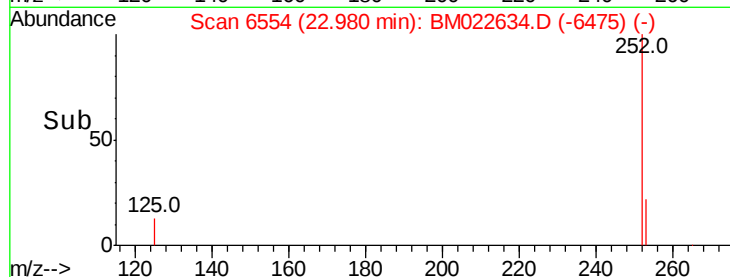
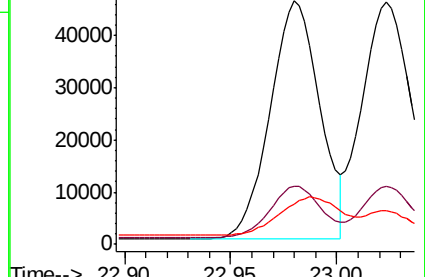
125 16.7 0.0 31.2



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



#22

Benzo(k)fluoranthene

Concen: 0.392 ng/ul

RT: 23.02 min Scan# 6572

Delta R.T. -0.00 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

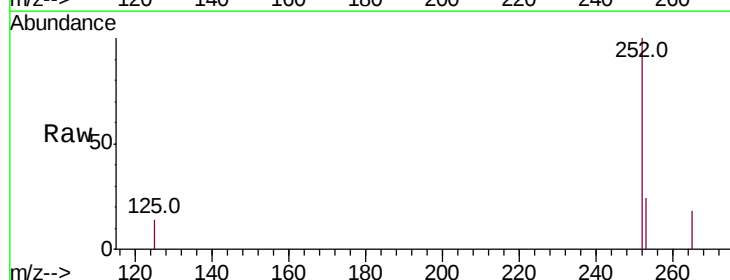
Tgt Ion:252 Resp: 76046

Ion Ratio Lower Upper

252 100

253 24.0 19.5 29.3

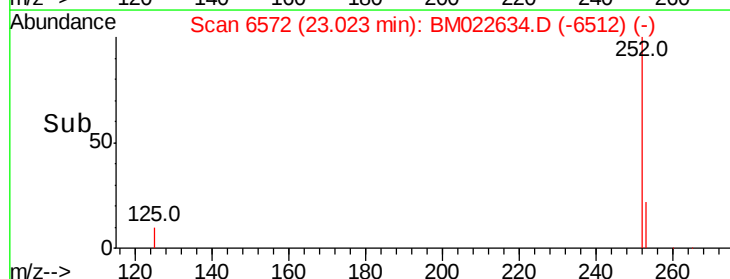
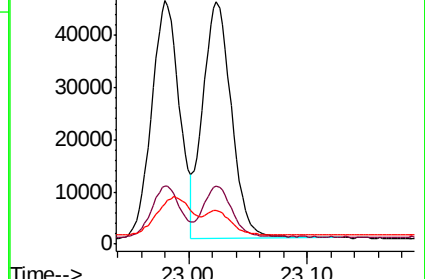
125 13.9 11.2 16.8

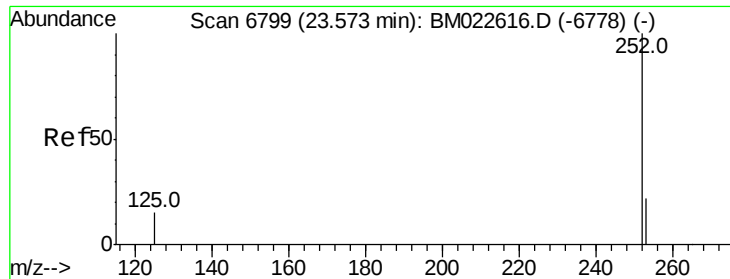


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.410 ng/ul

RT: 23.57 min Scan# 6797

Delta R.T. -0.00 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

Instrument :

BNA_M

ClientSampleId :

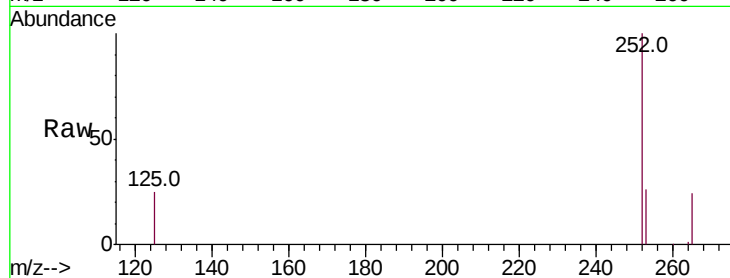
Tot Ion:252 Resp: 68269

Ion Ratio Lower Upper

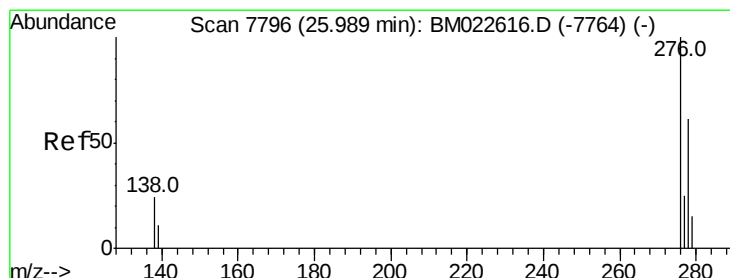
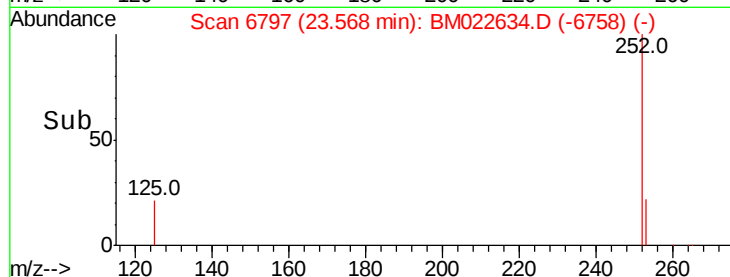
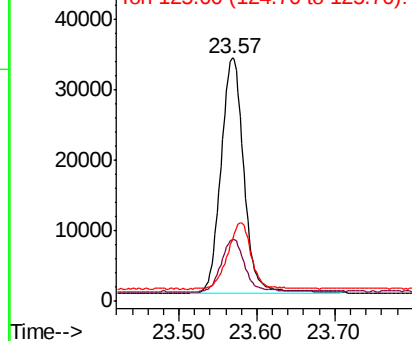
252 100

253 25.5 20.2 30.2

125 25.5 15.7 23.5#



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: 0.414 ng/ul

RT: 25.98 min Scan# 7794

Delta R.T. -0.00 min

Lab File: BM022634.D

Acq: 10 Sep 2019 23:51

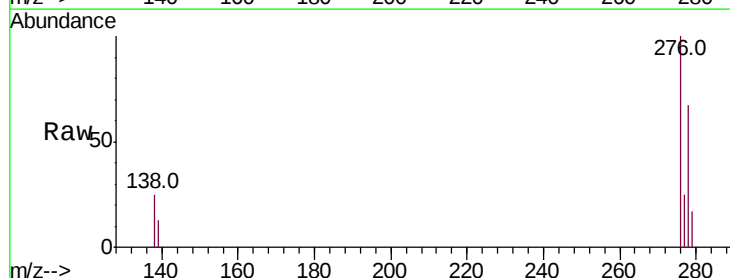
Tgt Ion:276 Resp: 84012

Ion Ratio Lower Upper

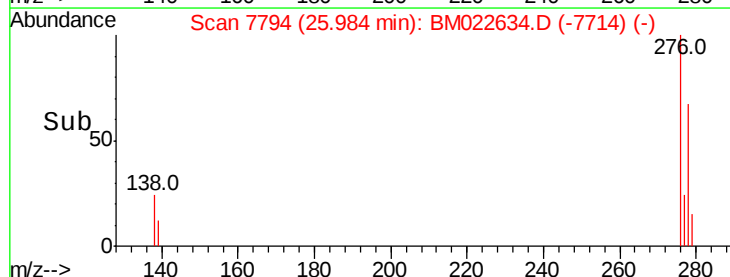
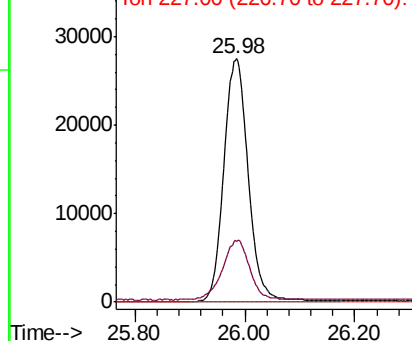
276 100

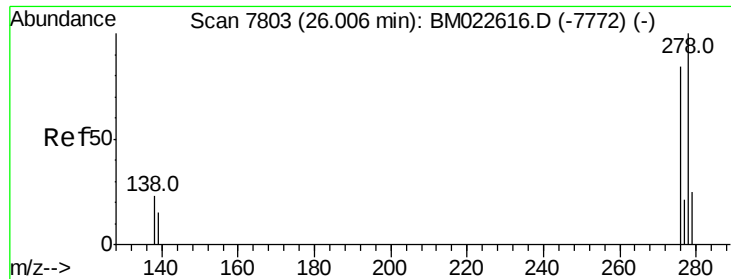
138 27.6 21.1 31.7

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

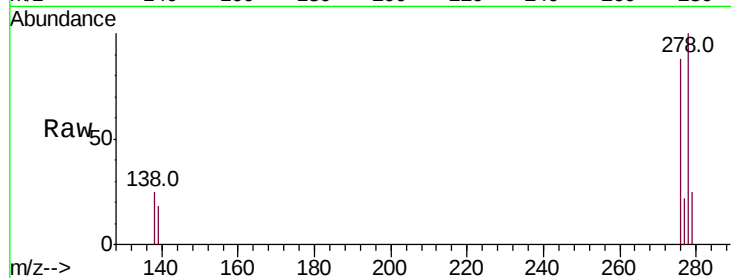




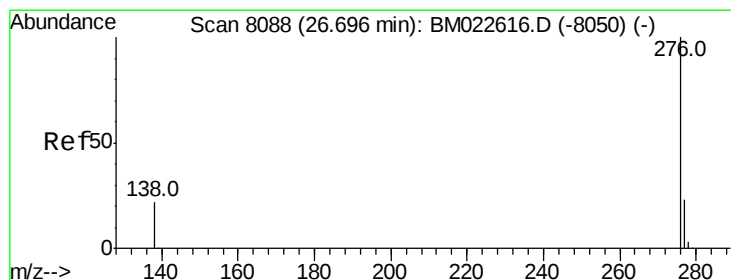
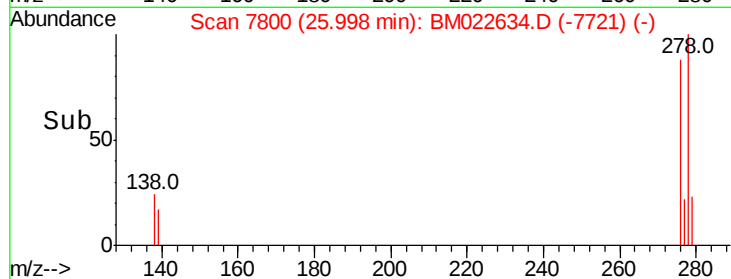
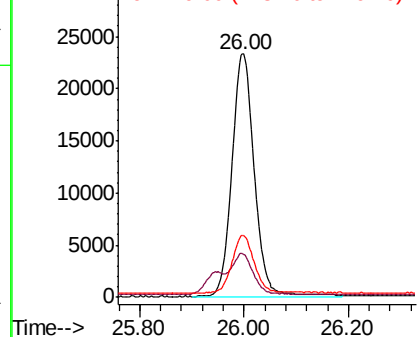
#25
Dibenzo(a,h)anthracene
Concen: 0.418 ng/ul
RT: 26.00 min Scan# 7800
Delta R.T. -0.01 min
Lab File: BM022634.D
Acq: 10 Sep 2019 23:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 68518
Ion Ratio Lower Upper
278 100
139 17.5 13.8 20.6
279 25.2 21.3 31.9

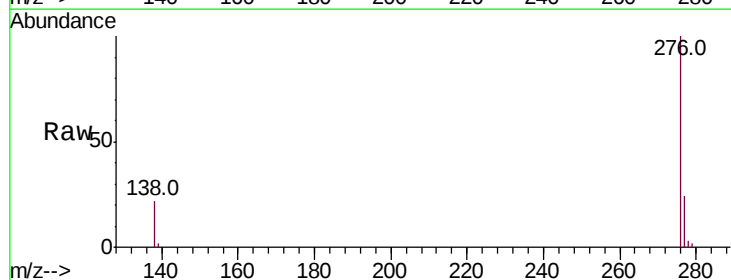


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.409 ng/ul
RT: 26.69 min Scan# 8086
Delta R.T. -0.00 min
Lab File: BM022634.D
Acq: 10 Sep 2019 23:51

Tgt Ion:276 Resp: 66195
Ion Ratio Lower Upper
276 100
138 22.5 18.2 27.4
277 24.2 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

