

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091619\
 Data File : BM022696.D
 Acq On : 16 Sep 2019 18:13
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 17 01:34:49 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

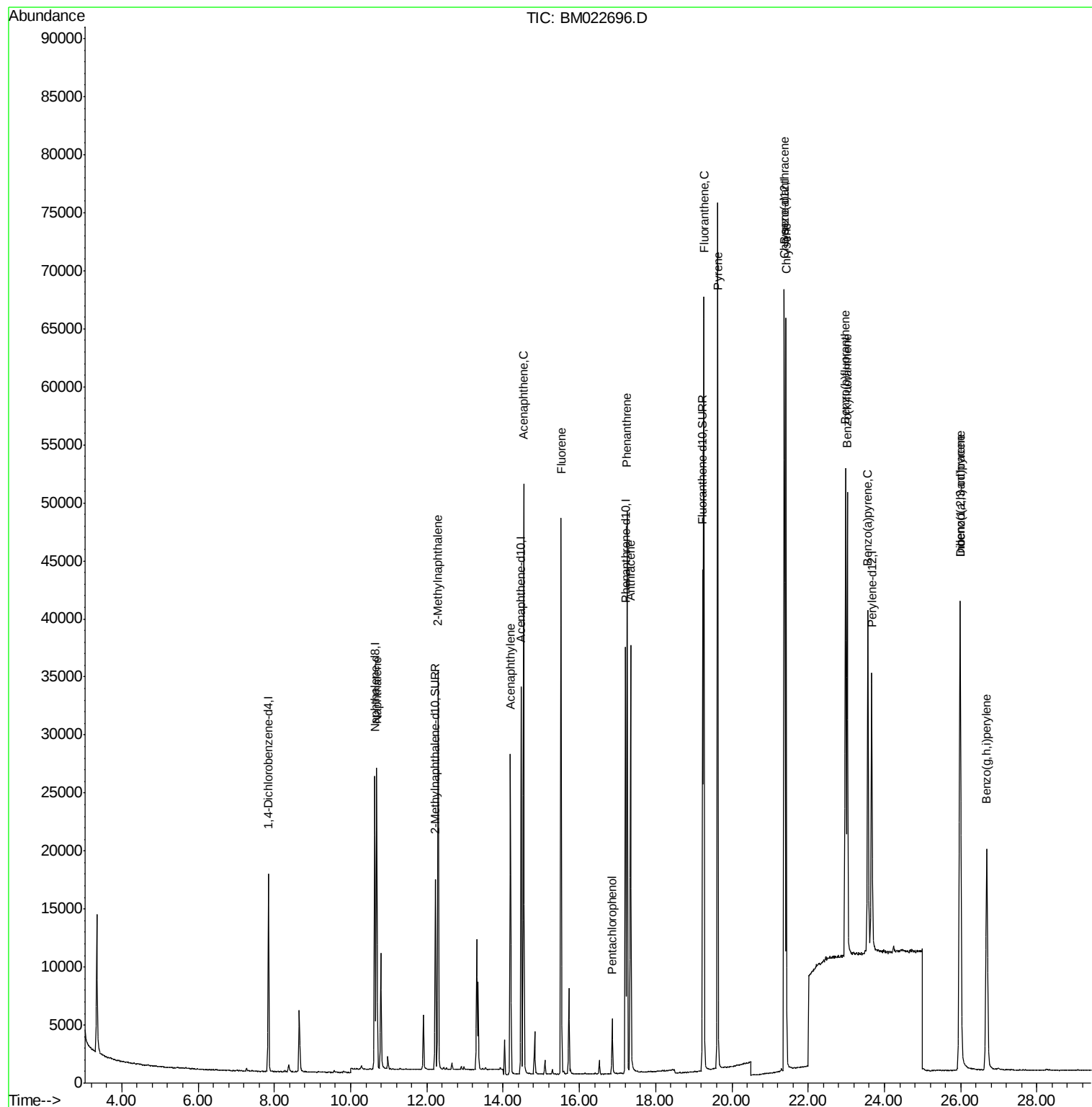
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	8415	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	33987	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	18294	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	43467	0.40	ng/ul	0.00
16) Chrysene-d12	21.38	240	37801	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	33047	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	20982	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.23	212	46757	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	35223	0.364	ng/ul	99
5) 2-Methylnaphthalene	12.29	142	24386	0.367	ng/ul	100
7) Acenaphthylene	14.19	152	31287	0.369	ng/ul	100
8) Acenaphthene	14.53	153	28146	0.397	ng/ul	100
9) Fluorene	15.52	166	29550	0.364	ng/ul	100
11) Pentachlorophenol	16.86	266	3362	0.381	ng/ul	97
12) Phenanthrene	17.25	178	49511	0.358	ng/ul	100
13) Anthracene	17.34	178	41546	0.350	ng/ul	99
15) Fluoranthene	19.26	202	56446	0.378	ng/ul	99
17) Pyrene	19.63	202	60977	0.356	ng/ul	99
18) Benzo(a)anthracene	21.37	228	49871	0.345	ng/ul	99
19) Chrysene	21.42	228	54429	0.358	ng/ul	100
21) Benzo(b)fluoranthene	22.98	252	52989	0.369	ng/ul	99
22) Benzo(k)fluoranthene	23.02	252	51121	0.349	ng/ul	99
23) Benzo(a)pyrene	23.56	252	44972	0.358	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.97	276	50284	0.328	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.99	278	41414	0.334	ng/ul	99
26) Benzo(g,h,i)perylene	26.68	276	42568	0.349	ng/ul	99

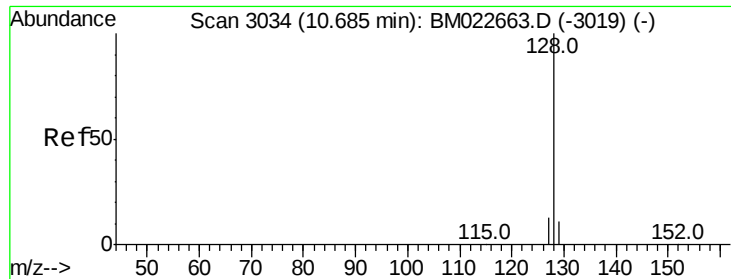
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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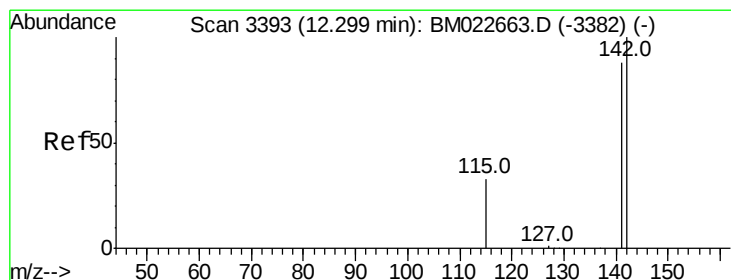
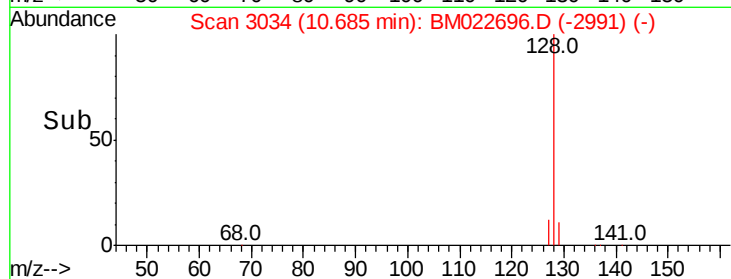
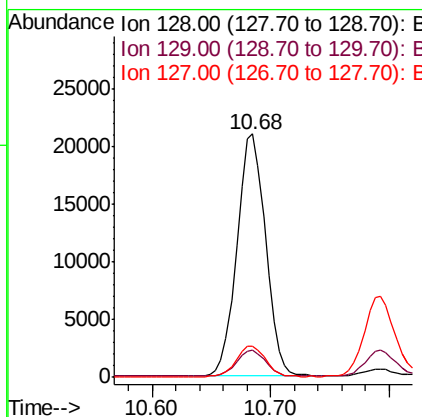
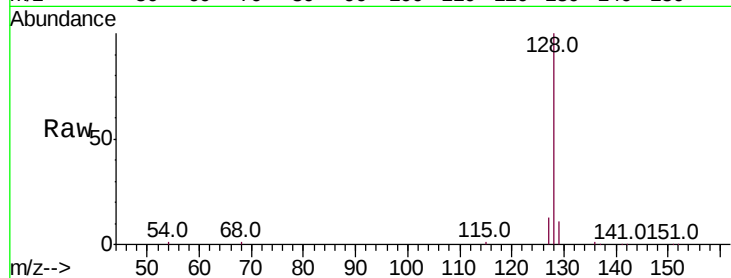




#3
Naphthalene
Concen: 0.364 ng/ul
RT: 10.68 min Scan# 3034
Delta R.T. -0.01 min
Lab File: BM022696.D
Acq: 16 Sep 2019 18:13

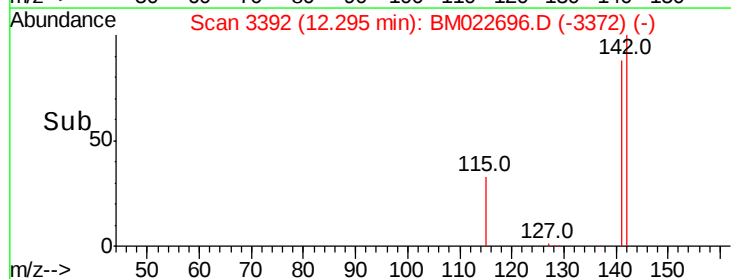
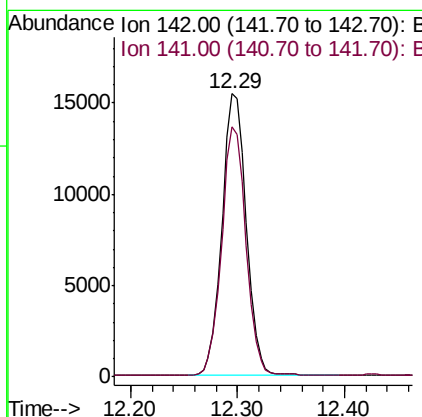
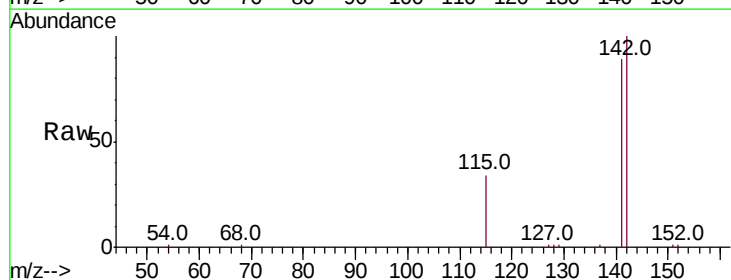
Instrument :
BNA_M
ClientSampled :

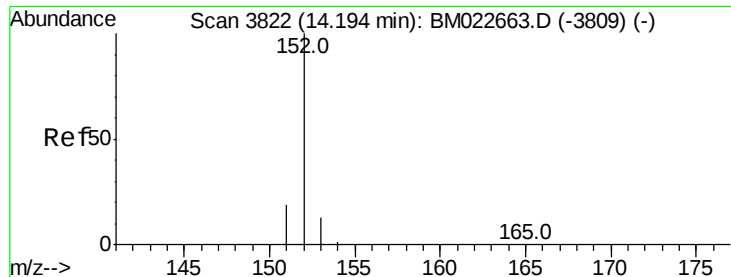
Tot Ion:128 Resp: 35223
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 12.6 10.4 15.6



#5
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.29 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BM022696.D
Acq: 16 Sep 2019 18:13

Tgt Ion:142 Resp: 24386
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2





#7

Acenaphthylene

Concen: 0.369 ng/ul

RT: 14.19 min Scan# 3821

Delta R.T. -0.01 min

Lab File: BM022696.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_M

ClientSampleId :

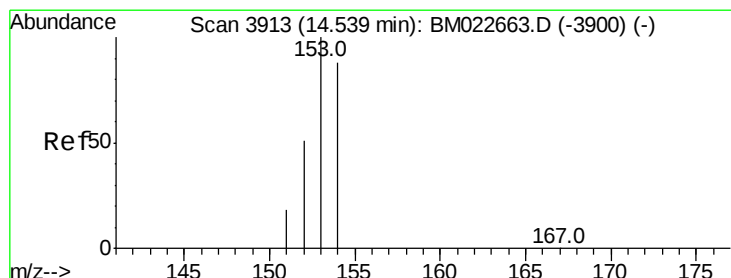
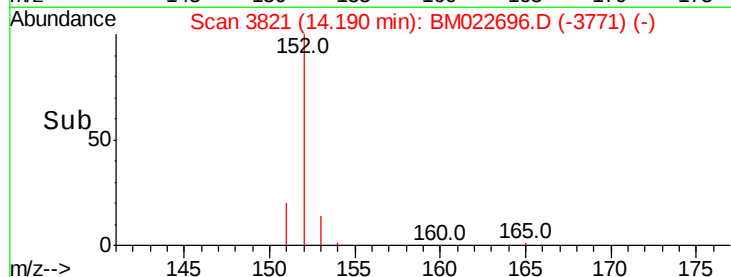
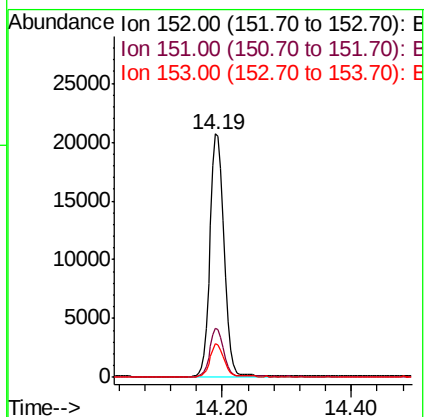
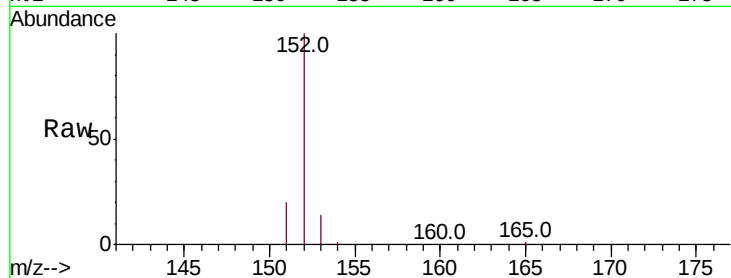
Tot Ion:152 Resp: 31287

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.7 10.7 16.1



#8

Acenaphthene

Concen: 0.397 ng/ul

RT: 14.53 min Scan# 3912

Delta R.T. -0.01 min

Lab File: BM022696.D

Acq: 16 Sep 2019 18:13

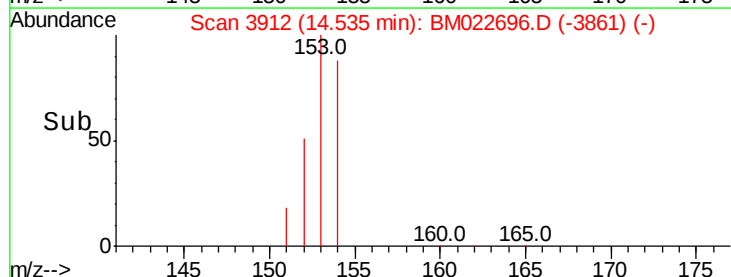
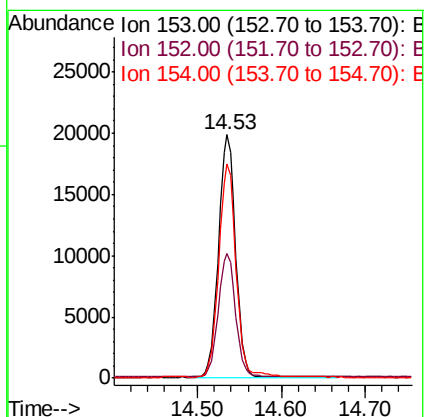
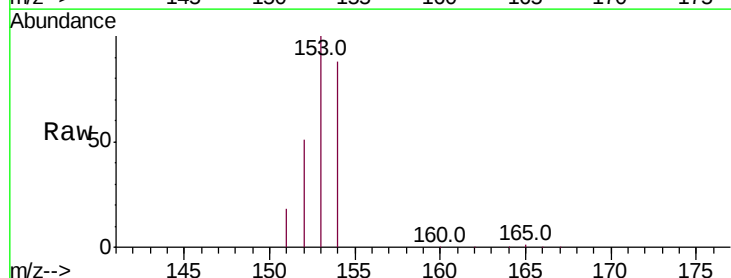
Tgt Ion:153 Resp: 28146

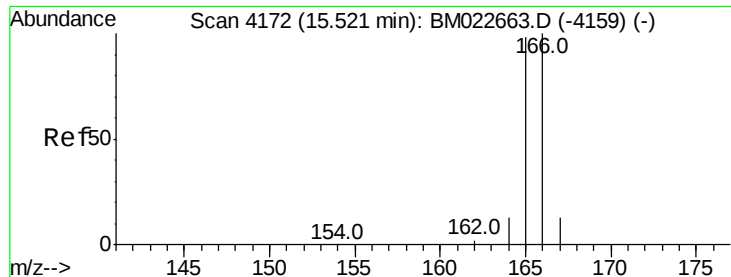
Ion Ratio Lower Upper

153 100

152 51.3 40.7 61.1

154 87.7 70.0 105.0





#9

Fluorene

Concen: 0.364 ng/ul

RT: 15.52 min Scan# 4172

Delta R.T. -0.01 min

Lab File: BM022696.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_M

ClientSampleId :

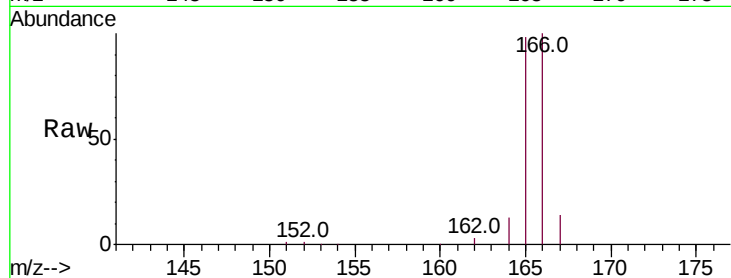
Tot Ion:166 Resp: 29550

Ion Ratio Lower Upper

166 100

165 98.0 78.2 117.2

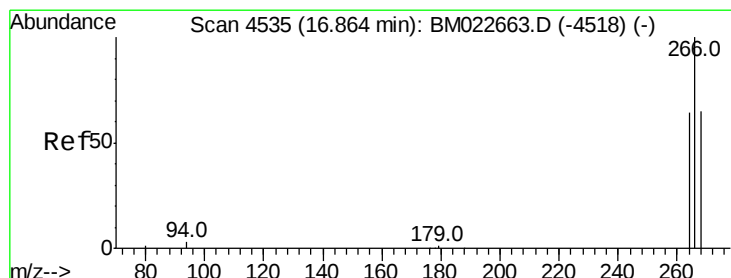
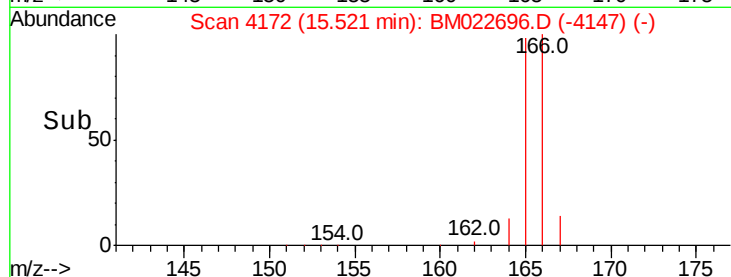
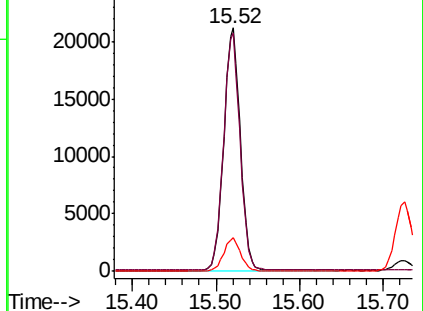
167 13.8 10.8 16.2



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: 0.381 ng/ul

RT: 16.86 min Scan# 4535

Delta R.T. -0.00 min

Lab File: BM022696.D

Acq: 16 Sep 2019 18:13

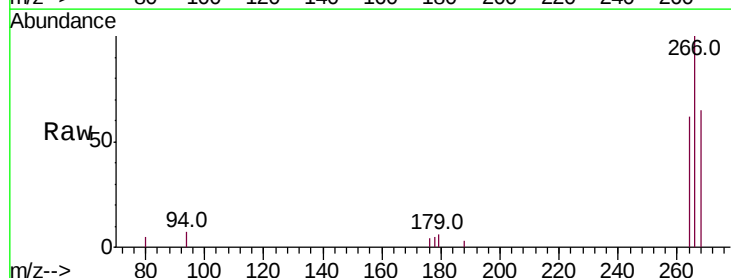
Tgt Ion:266 Resp: 3362

Ion Ratio Lower Upper

266 100

264 61.3 50.4 75.6

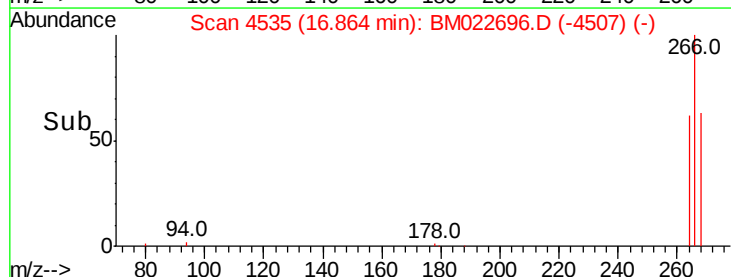
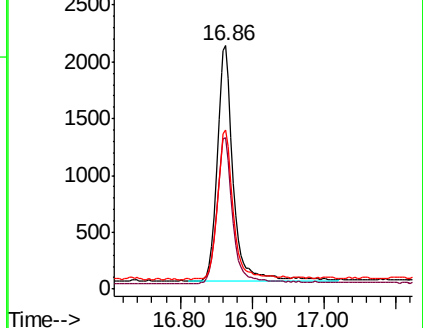
268 61.4 51.3 76.9

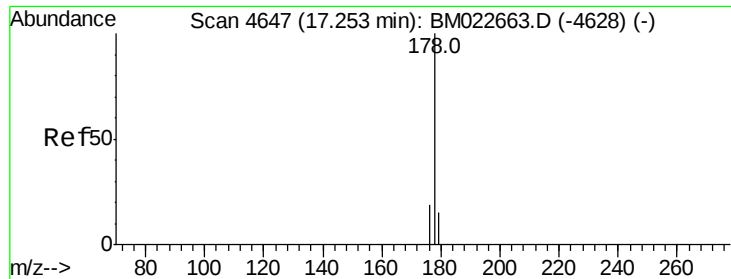


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

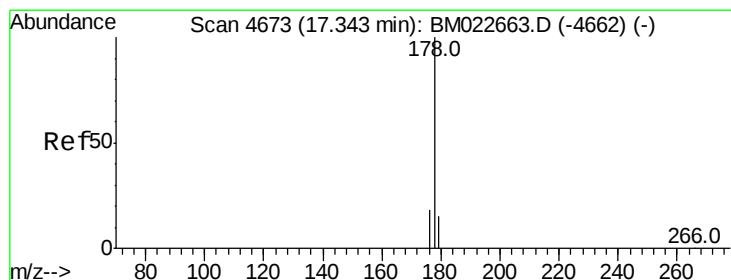
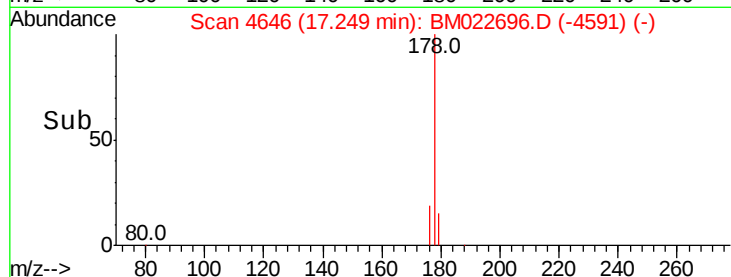
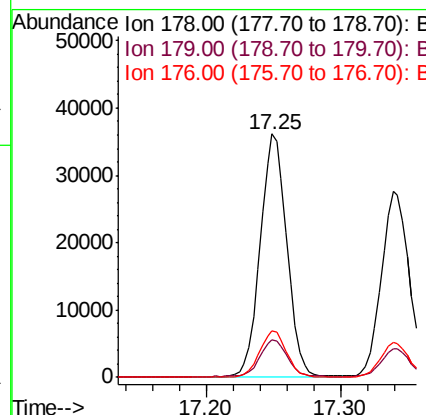
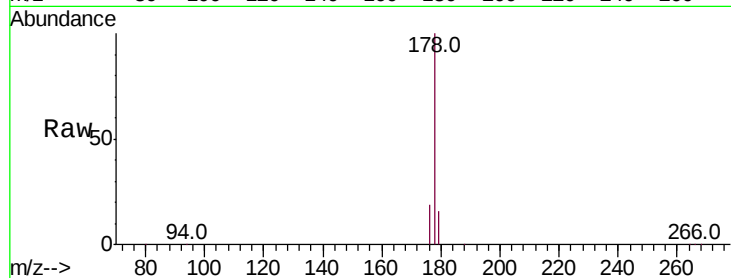




#12
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.25 min Scan# 4646
Delta R.T. -0.01 min
Lab File: BM022696.D
Acq: 16 Sep 2019 18:13

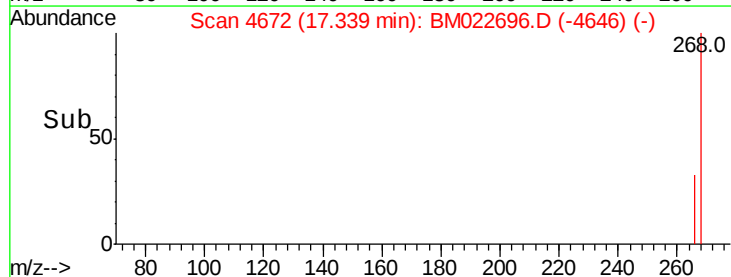
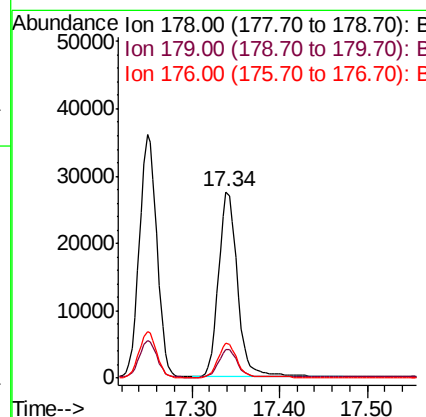
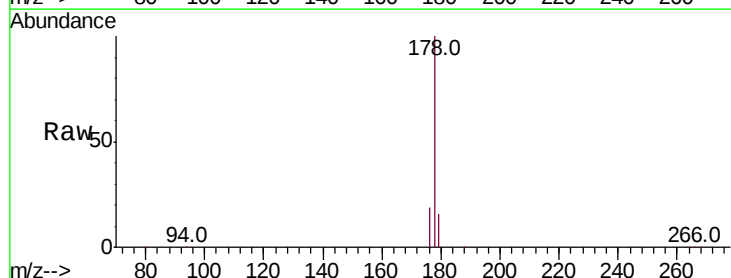
Instrument :
BNA_M
ClientSampleId :

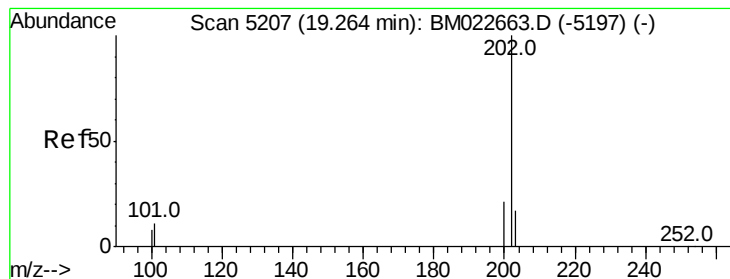
Tot Ion:178 Resp: 49511
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.0 15.3 22.9



#13
Anthracene
Concen: 0.350 ng/ul
RT: 17.34 min Scan# 4672
Delta R.T. -0.01 min
Lab File: BM022696.D
Acq: 16 Sep 2019 18:13

Tgt Ion:178 Resp: 41546
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.1 14.8 22.2





#15

Fluoranthene

Concen: 0.378 ng/ul

RT: 19.26 min Scan# 5207

Delta R.T. -0.01 min

Lab File: BM022696.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_M

ClientSampleId :

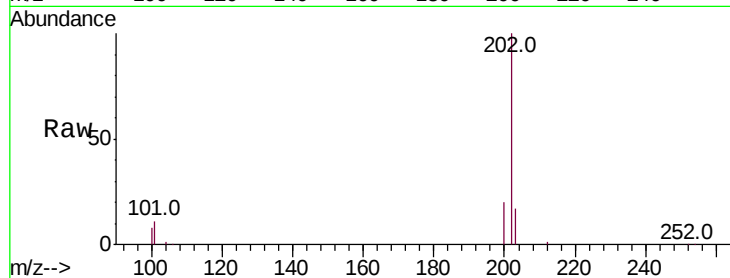
Tot Ion:202 Resp: 56446

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.5

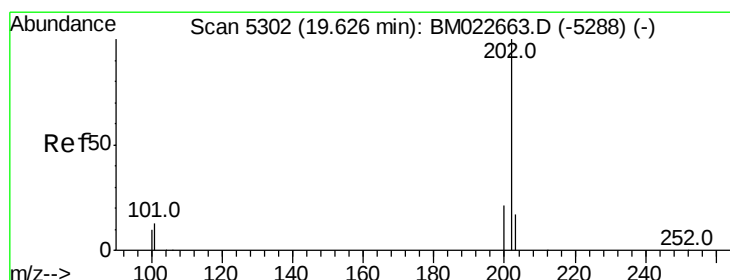
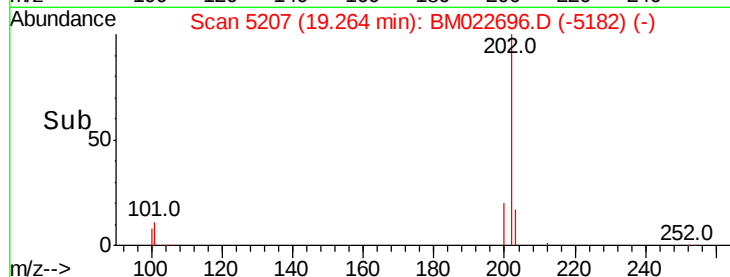
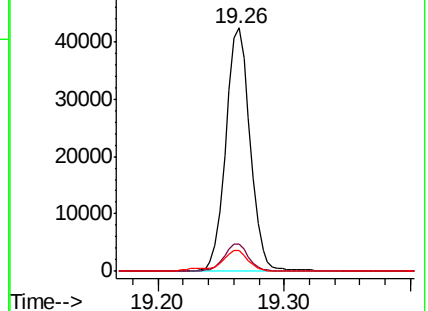
100 8.4 0.0 28.0



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: 0.356 ng/ul

RT: 19.63 min Scan# 5302

Delta R.T. -0.01 min

Lab File: BM022696.D

Acq: 16 Sep 2019 18:13

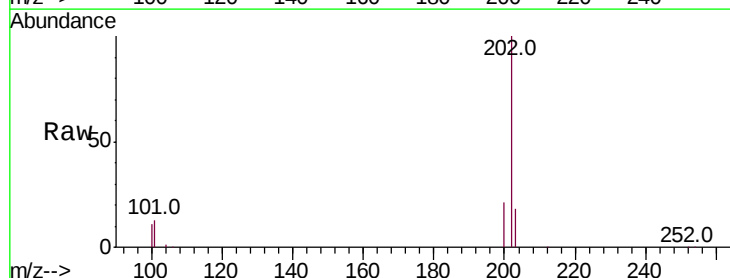
Tgt Ion:202 Resp: 60977

Ion Ratio Lower Upper

202 100

101 13.1 10.0 15.0

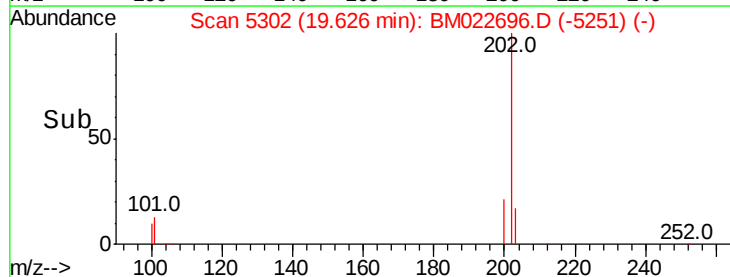
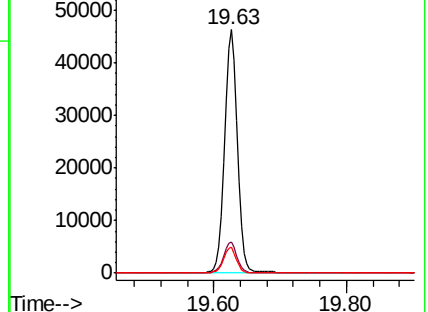
100 10.5 8.1 12.1

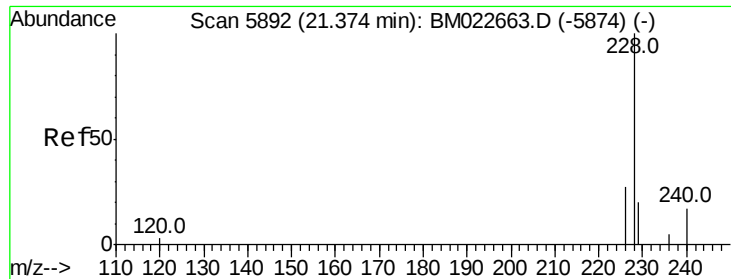


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.345 ng/ul

RT: 21.37 min Scan# 5890

Delta R.T. -0.00 min

Lab File: BM022696.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_M

ClientSampled :

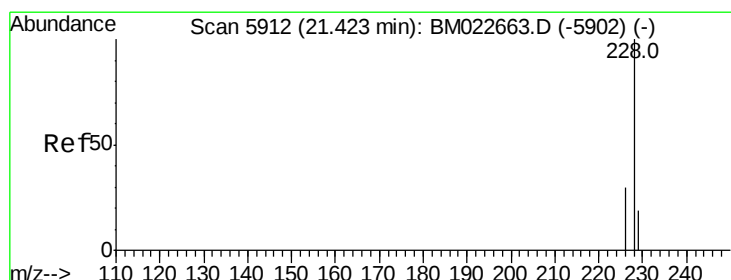
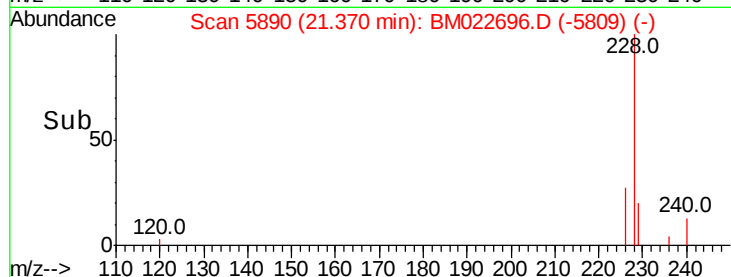
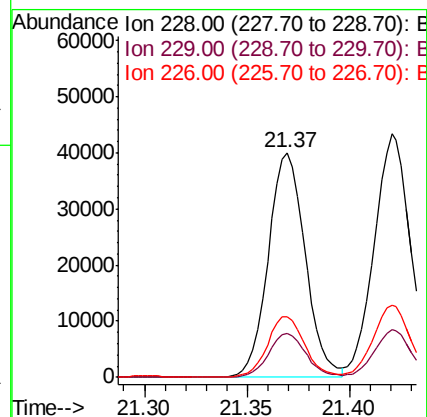
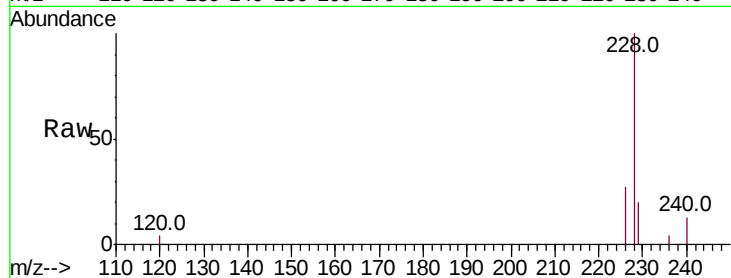
Tot Ion:228 Resp: 49871

Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.1 22.0 33.0



#19

Chrysene

Concen: 0.358 ng/ul

RT: 21.42 min Scan# 5911

Delta R.T. -0.01 min

Lab File: BM022696.D

Acq: 16 Sep 2019 18:13

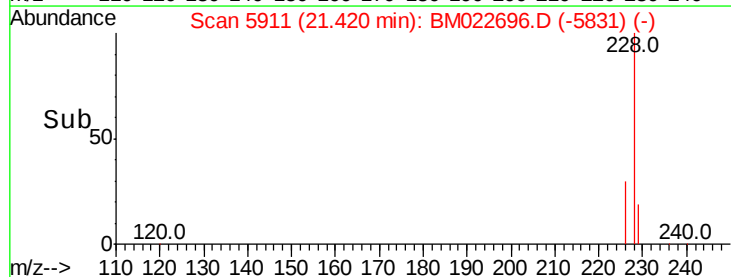
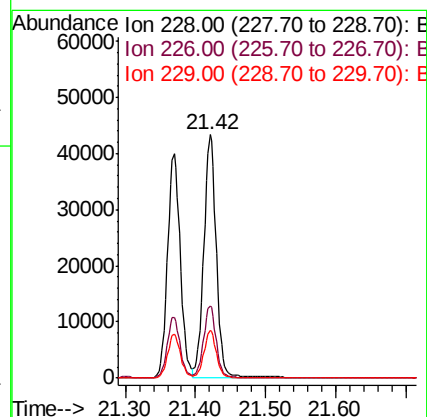
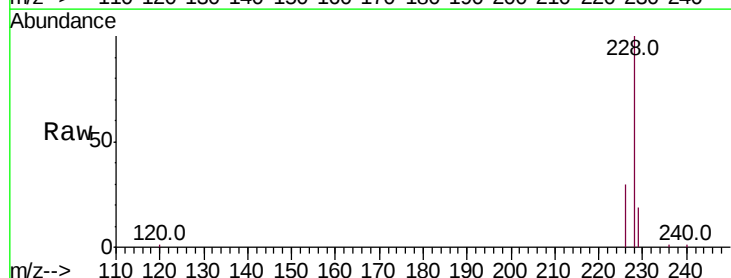
Tgt Ion:228 Resp: 54429

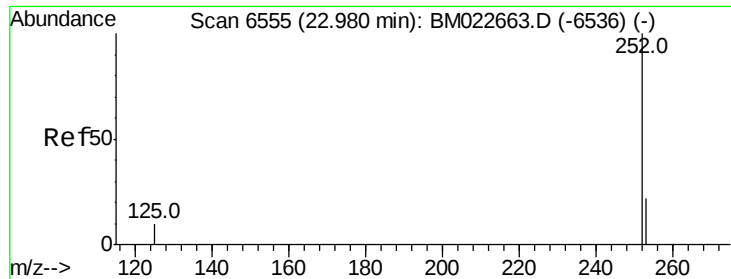
Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.5 15.5 23.3





#21

Benzo(b)fluoranthene

Concen: 0.369 ng/ul

RT: 22.98 min Scan# 6554

Delta R.T. -0.01 min

Lab File: BM022696.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_M

ClientSampleId :

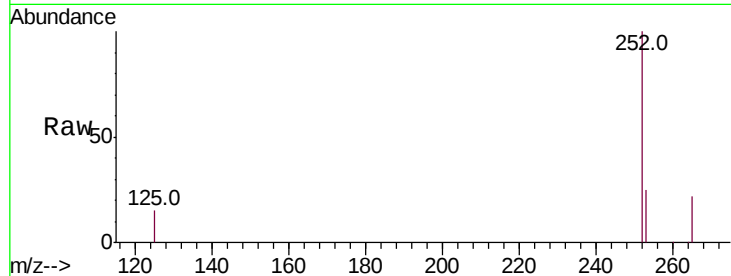
Tot Ion:252 Resp: 52989

Ion Ratio Lower Upper

252 100

253 24.7 0.0 48.4

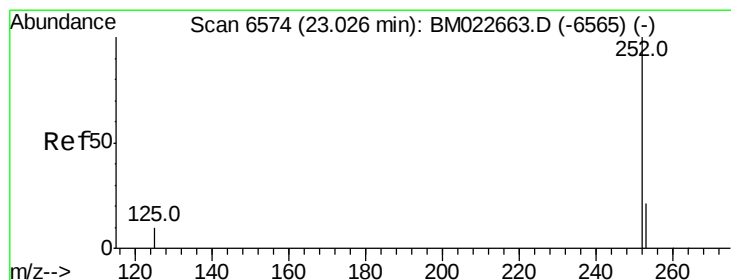
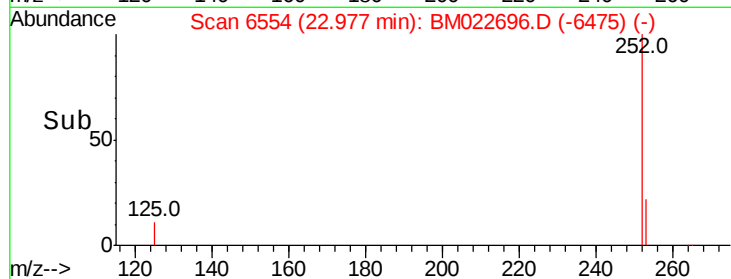
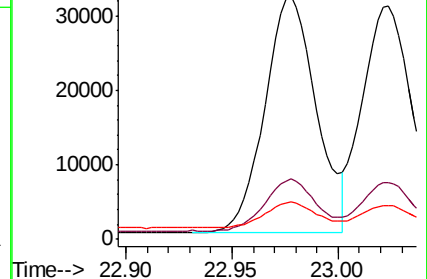
125 15.2 0.0 31.2



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: 0.349 ng/ul

RT: 23.02 min Scan# 6573

Delta R.T. -0.00 min

Lab File: BM022696.D

Acq: 16 Sep 2019 18:13

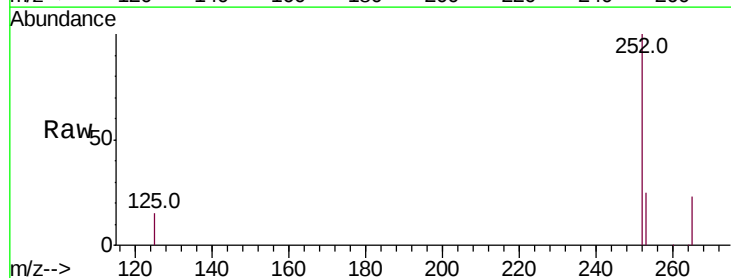
Tgt Ion:252 Resp: 51121

Ion Ratio Lower Upper

252 100

253 24.6 19.5 29.3

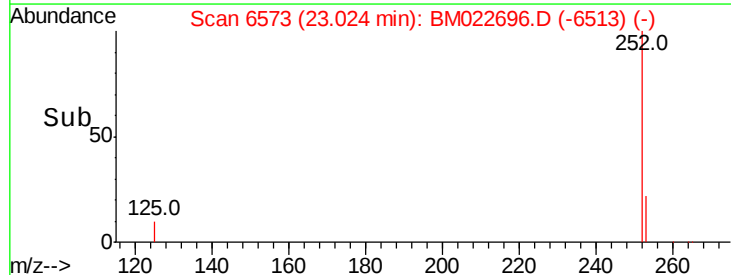
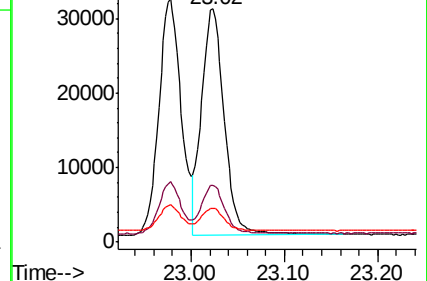
125 14.6 11.2 16.8

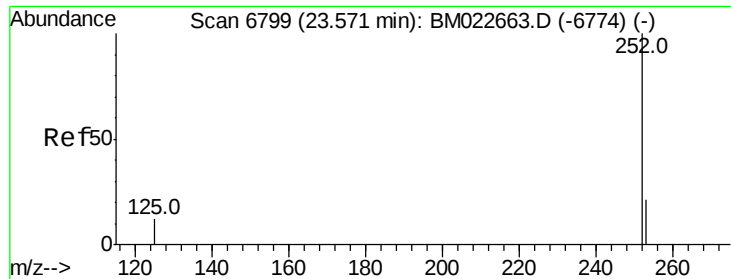


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.358 ng/ul

RT: 23.56 min Scan# 6796

Delta R.T. -0.01 min

Lab File: BM022696.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_M

ClientSampleId :

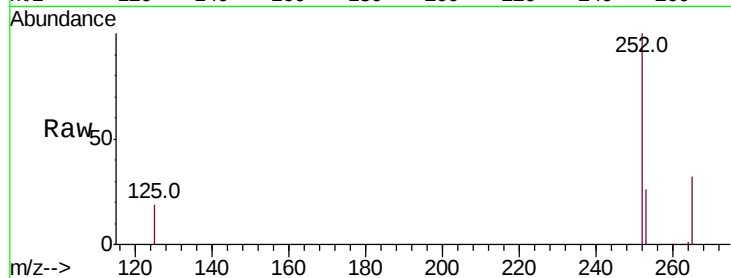
Tot Ion:252 Resp: 44972

Ion Ratio Lower Upper

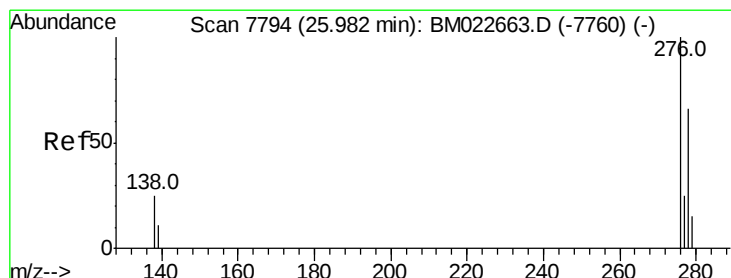
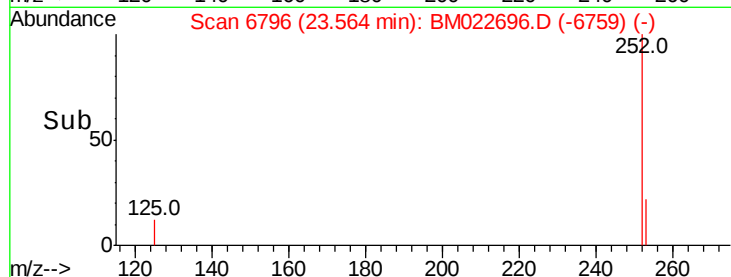
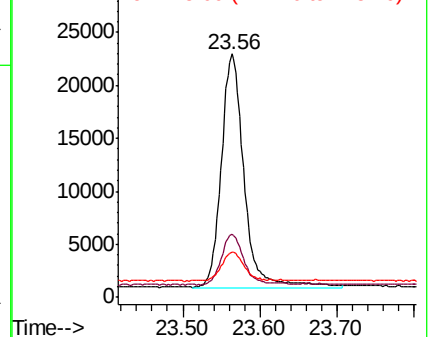
252 100

253 26.0 20.2 30.2

125 18.6 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: 0.328 ng/ul

RT: 25.97 min Scan# 7791

Delta R.T. -0.01 min

Lab File: BM022696.D

Acq: 16 Sep 2019 18:13

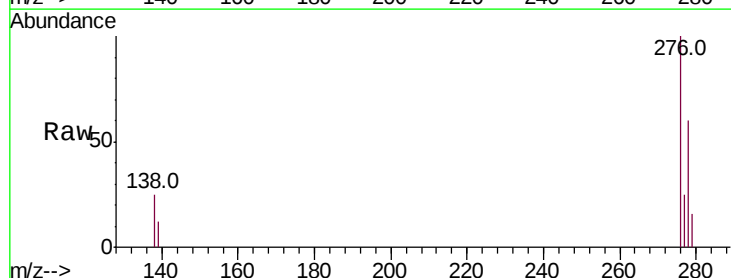
Tgt Ion:276 Resp: 50284

Ion Ratio Lower Upper

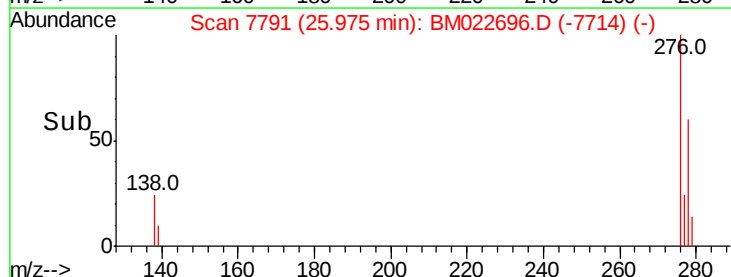
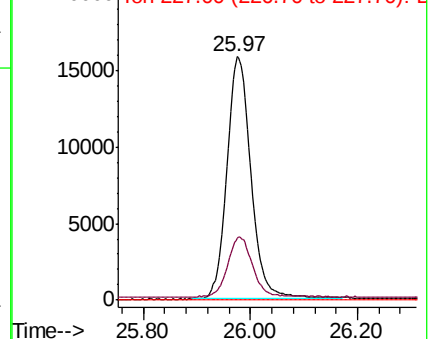
276 100

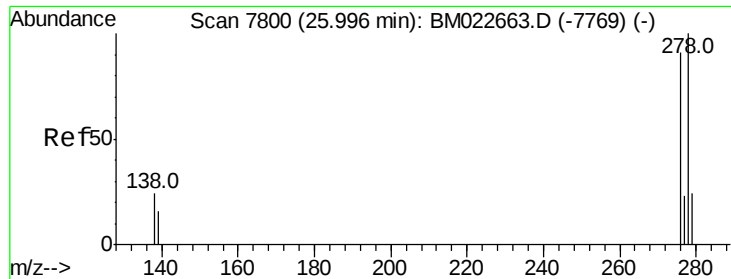
138 24.8 21.1 31.7

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

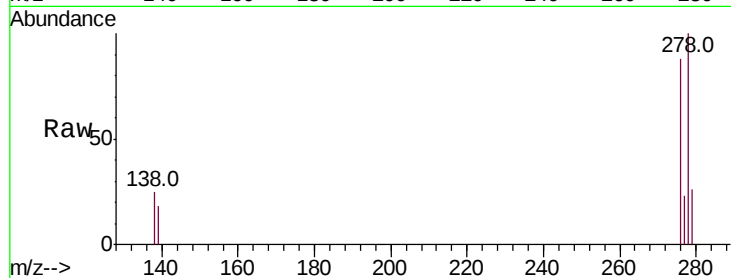




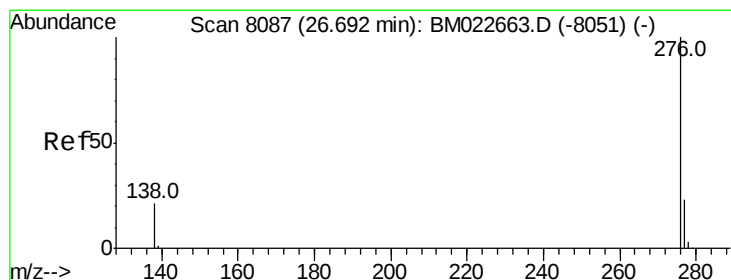
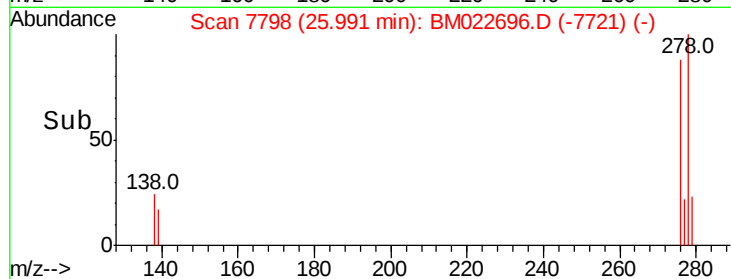
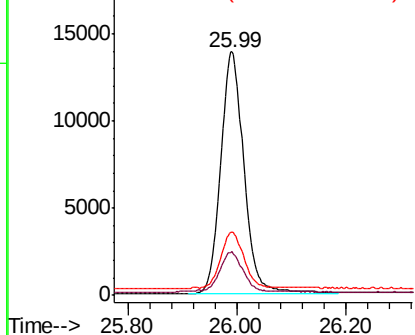
#25
Dibenzo(a,h)anthracene
Concen: 0.334 ng/ul
RT: 25.99 min Scan# 7798
Delta R.T. -0.01 min
Lab File: BM022696.D
Acq: 16 Sep 2019 18:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 41414
Ion Ratio Lower Upper
278 100
139 18.1 13.8 20.6
279 26.2 21.3 31.9

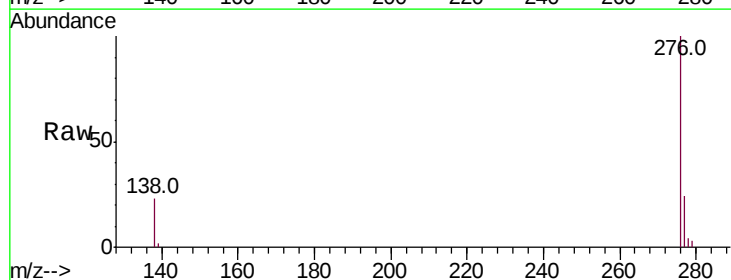


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.349 ng/ul
RT: 26.68 min Scan# 8083
Delta R.T. -0.01 min
Lab File: BM022696.D
Acq: 16 Sep 2019 18:13

Tgt Ion:276 Resp: 42568
Ion Ratio Lower Upper
276 100
138 23.3 18.2 27.4
277 24.4 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

