

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
 Data File : BM022698.D
 Acq On : 17 Sep 2019 09:34
 Operator : HP/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.468

Quant Time: Sep 17 17:51:30 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

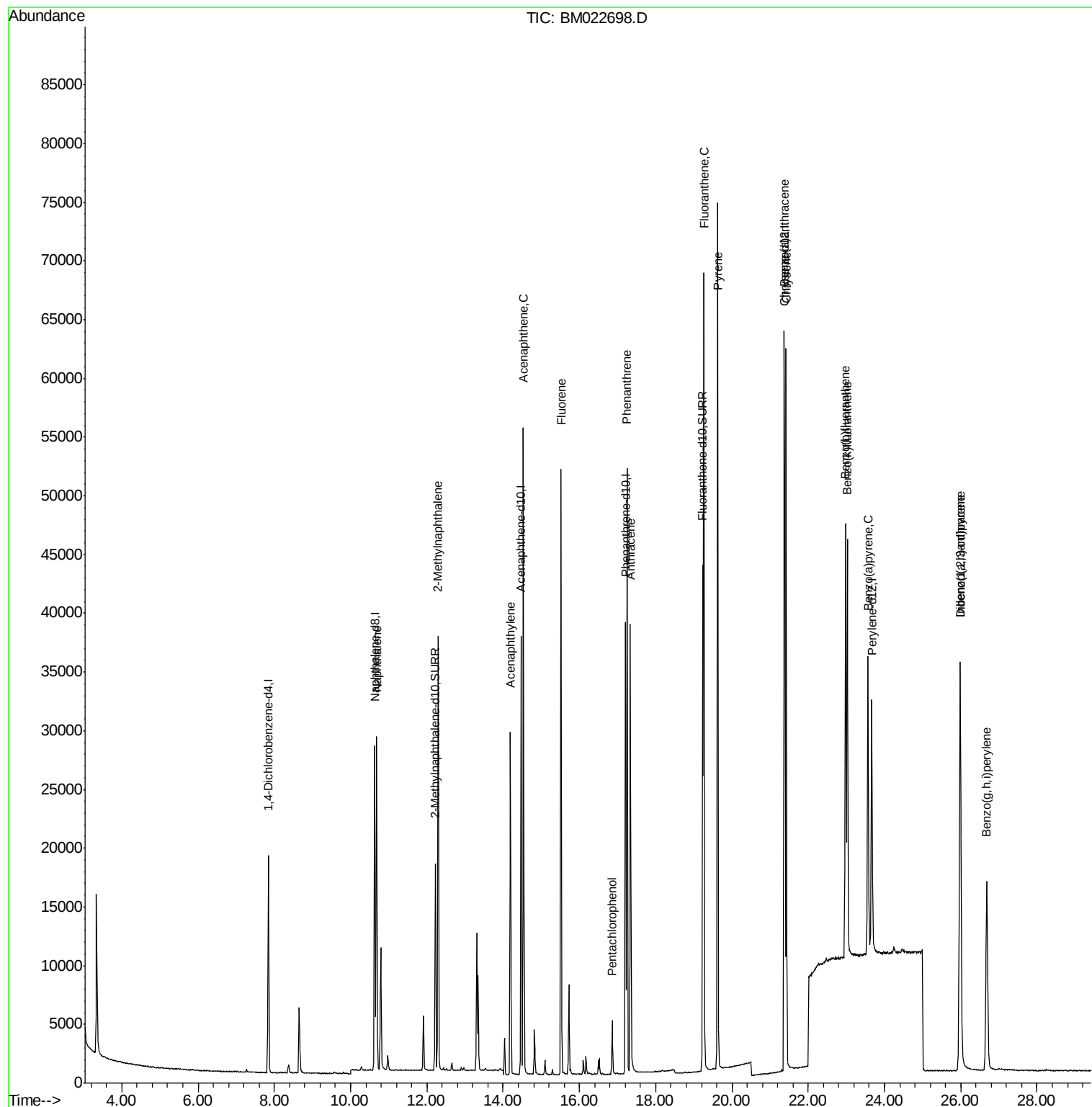
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	9293	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	37024	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	19460	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	45676	0.40	ng/ul	-0.01
16) Chrysene-d12	21.39	240	35375	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	28697	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	22485	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.23	212	47364	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	38354	0.364	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	26179	0.362	ng/ul	100
7) Acenaphthylene	14.19	152	32750	0.364	ng/ul	99
8) Acenaphthene	14.53	153	30078	0.399	ng/ul	99
9) Fluorene	15.52	166	31246	0.362	ng/ul	100
11) Pentachlorophenol	16.86	266	3157	0.341	ng/ul	99
12) Phenanthrene	17.25	178	52000	0.357	ng/ul	100
13) Anthracene	17.34	178	43111	0.345	ng/ul	100
15) Fluoranthene	19.26	202	57567	0.367	ng/ul	99
17) Pyrene	19.62	202	62269	0.388	ng/ul	99
18) Benzo(a)anthracene	21.37	228	46453	0.343	ng/ul	100
19) Chrysene	21.42	228	51800	0.364	ng/ul	100
21) Benzo(b)fluoranthene	22.98	252	47148	0.378	ng/ul	99
22) Benzo(k)fluoranthene	23.02	252	46212	0.363	ng/ul	98
23) Benzo(a)pyrene	23.57	252	39471	0.362	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.98	276	42746	0.321	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.99	278	34825	0.324	ng/ul	99
26) Benzo(g,h,i)perylene	26.68	276	36679	0.346	ng/ul	99

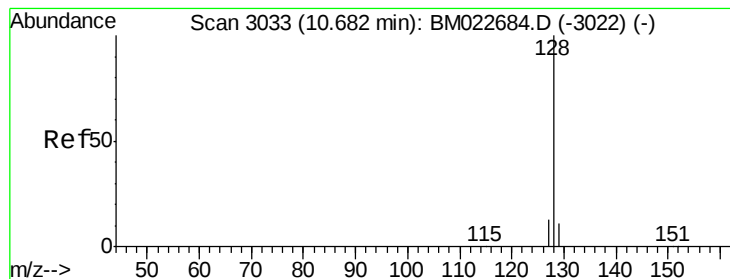
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091719\
Data File : BM022698.D
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Time: Sep 17 17:51:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
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#3

Naphthalene

Concen: 0.364 ng/ul

RT: 10.68 min Scan# 3033

Delta R.T. -0.01 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.468

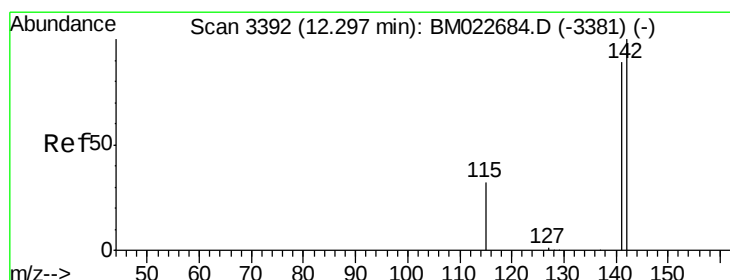
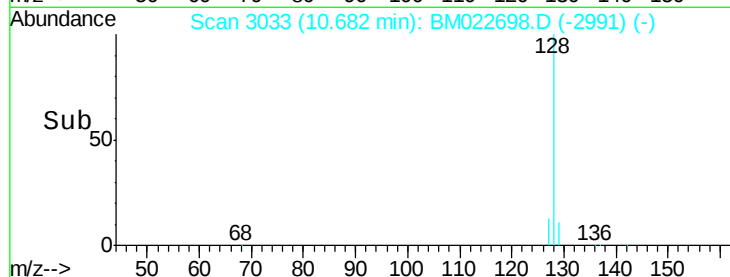
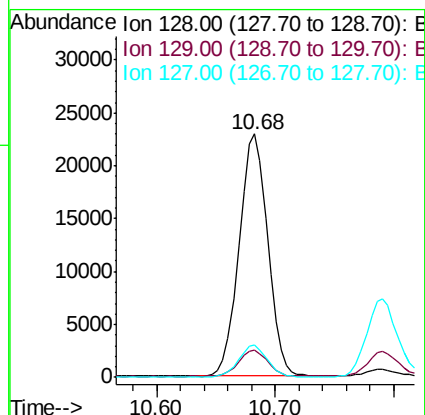
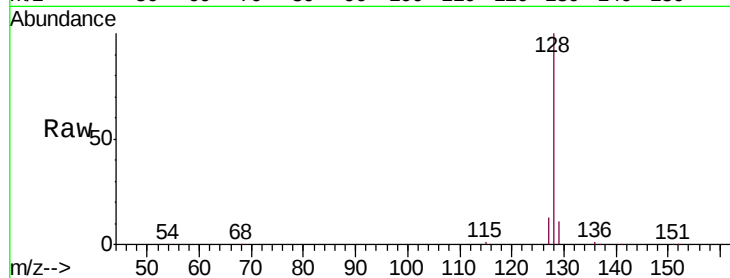
Tgt Ion:128 Resp: 38354

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.2 10.4 15.6



#5

2-Methylnaphthalene

Concen: 0.362 ng/ul

RT: 12.29 min Scan# 3391

Delta R.T. -0.01 min

Lab File: BM022698.D

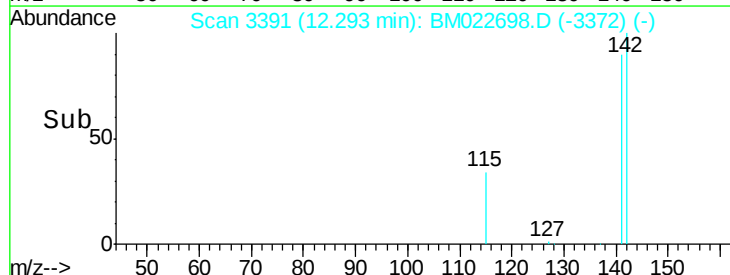
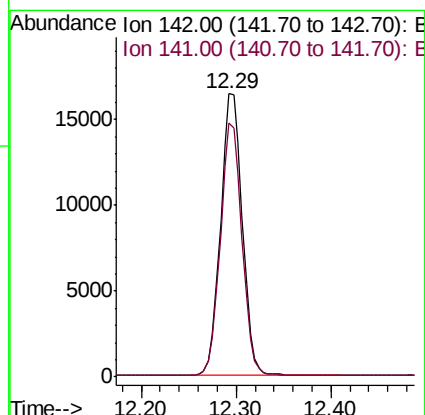
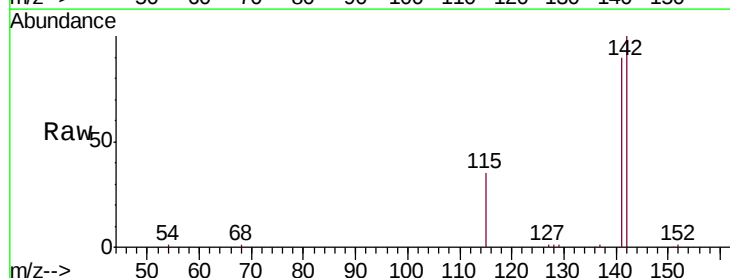
Acq: 17 Sep 2019 09:34

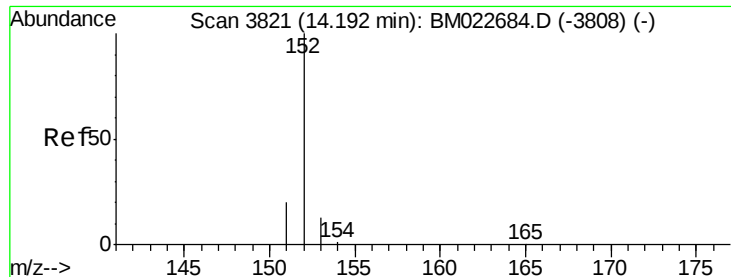
Tgt Ion:142 Resp: 26179

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2





#7

Acenaphthylene

Concen: 0.364 ng/ul

RT: 14.19 min Scan# 3821

Delta R.T. -0.01 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.468

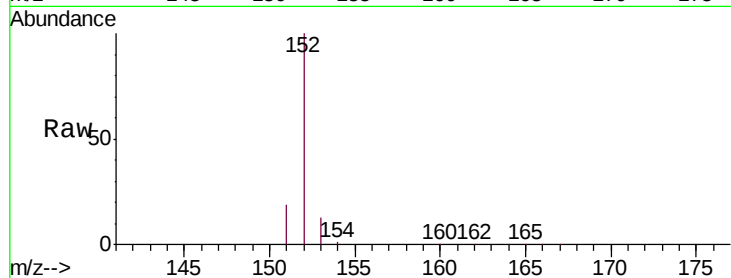
Tgt Ion:152 Resp: 32750

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.8

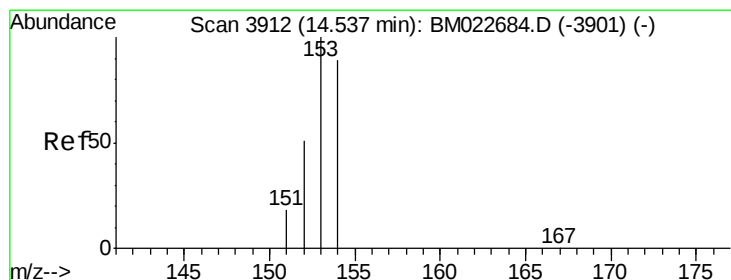
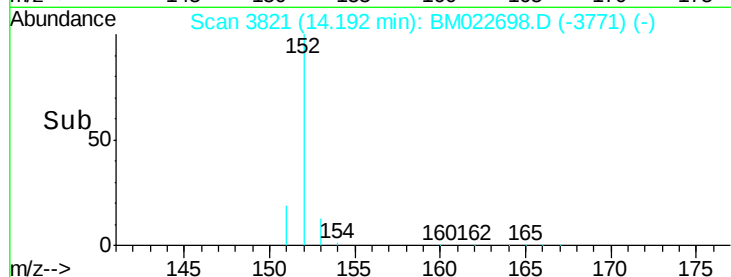
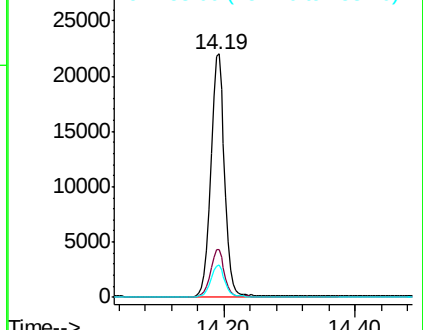
153 13.3 10.7 16.1



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: 0.399 ng/ul

RT: 14.53 min Scan# 3911

Delta R.T. -0.01 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

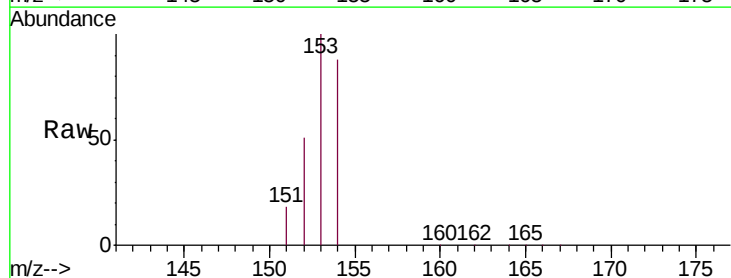
Tgt Ion:153 Resp: 30078

Ion Ratio Lower Upper

153 100

152 51.4 40.7 61.1

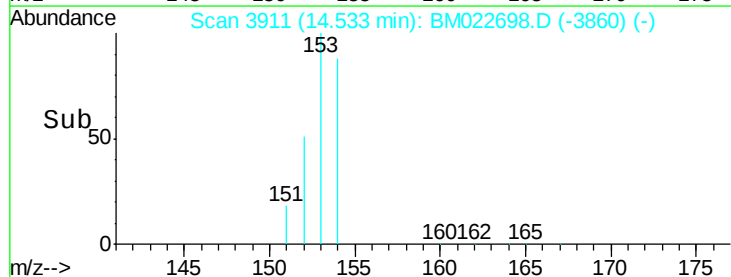
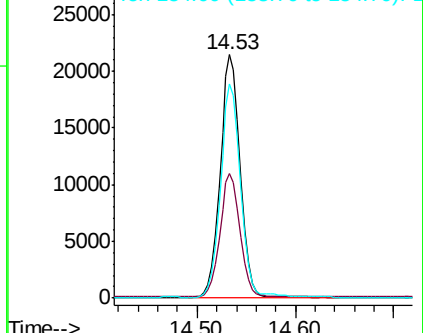
154 88.0 70.0 105.0

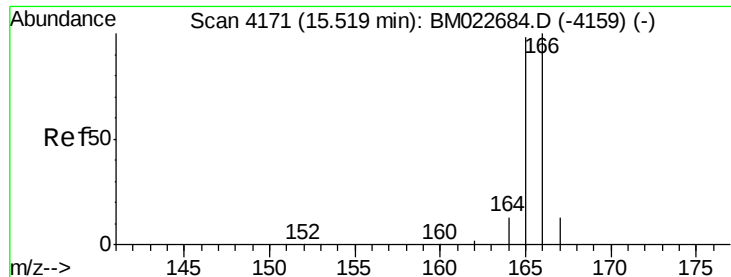


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.362 ng/ul

RT: 15.52 min Scan# 4171

Delta R.T. -0.01 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.468

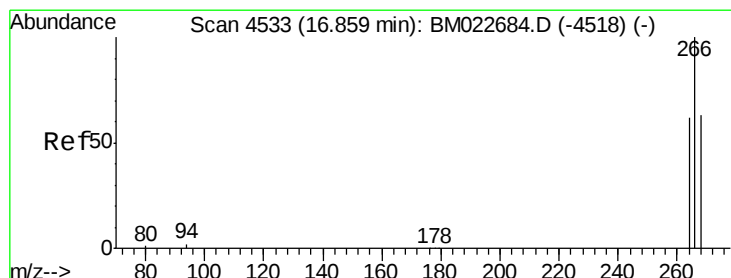
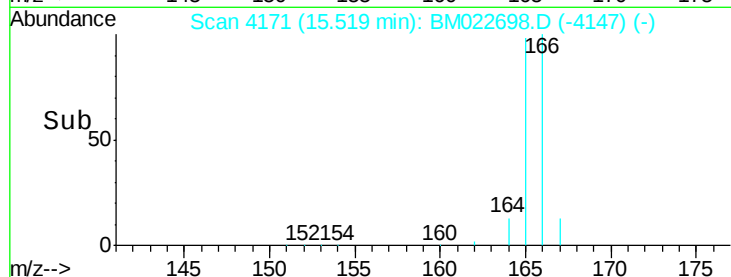
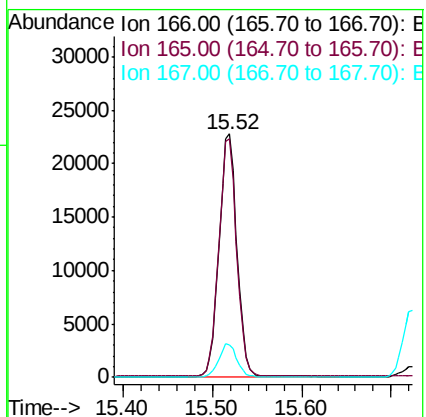
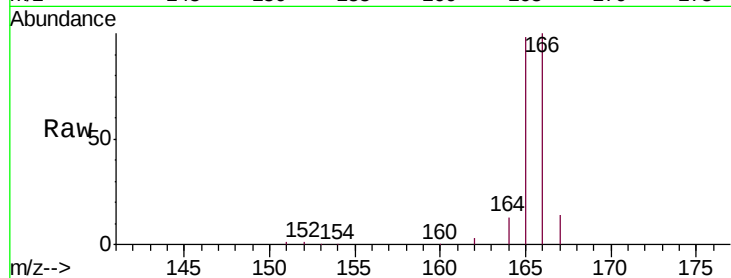
Tgt Ion:166 Resp: 31246

Ion Ratio Lower Upper

166 100

165 97.8 78.2 117.2

167 13.5 10.8 16.2



#11

Pentachlorophenol

Concen: 0.341 ng/ul

RT: 16.86 min Scan# 4533

Delta R.T. -0.01 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

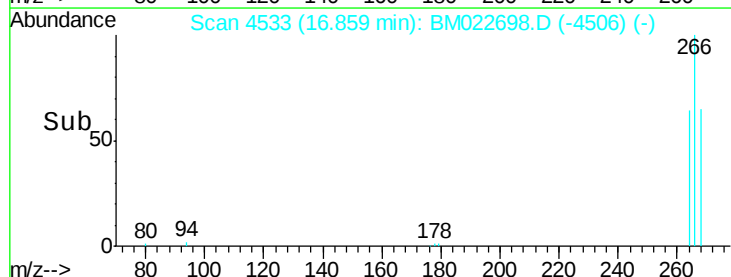
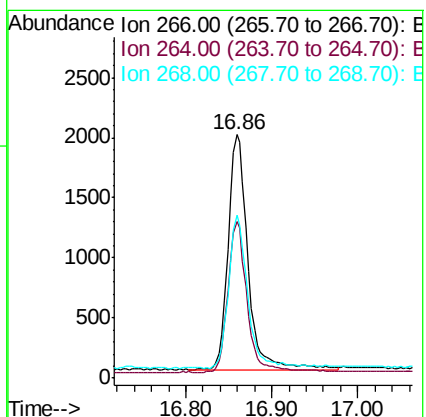
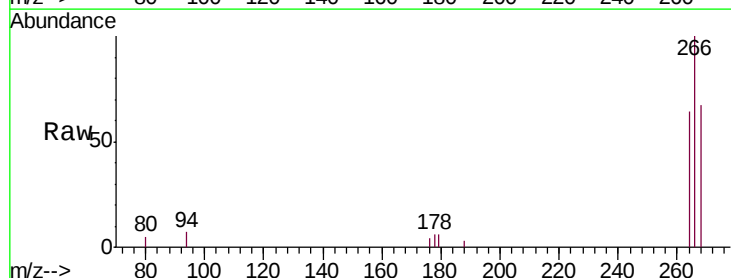
Tgt Ion:266 Resp: 3157

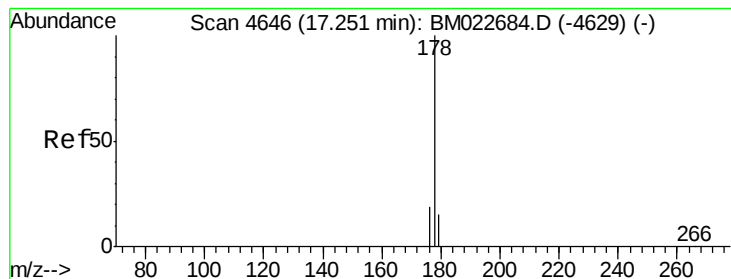
Ion Ratio Lower Upper

266 100

264 62.4 50.4 75.6

268 64.9 51.3 76.9





#12

Phenanthrene

Concen: 0.357 ng/ul

RT: 17.25 min Scan# 4645

Delta R.T. -0.01 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.468

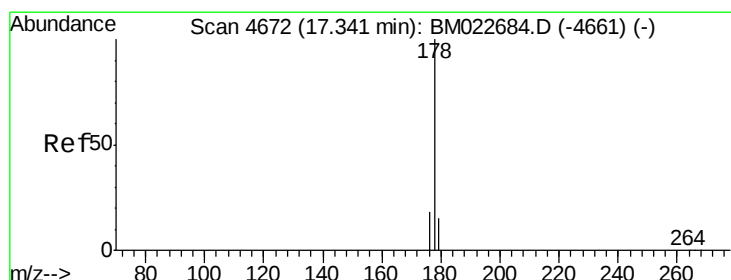
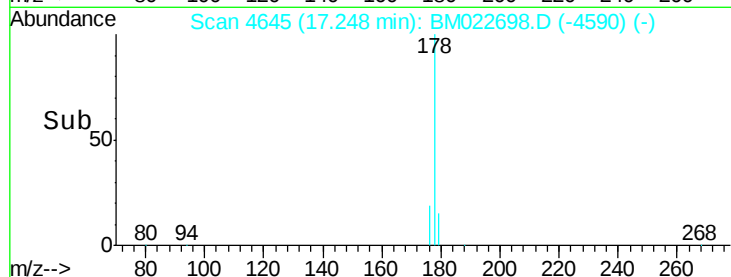
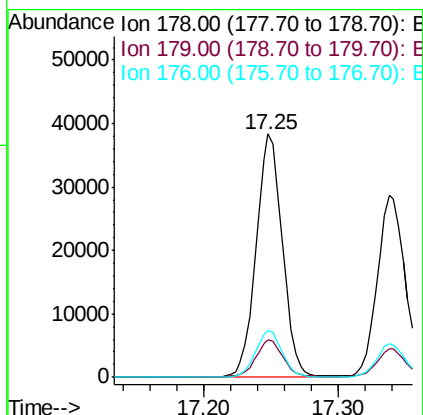
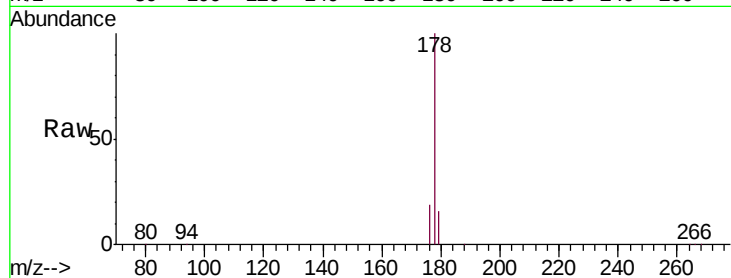
Tgt Ion:178 Resp: 52000

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.3 15.3 22.9



#13

Anthracene

Concen: 0.345 ng/ul

RT: 17.34 min Scan# 4671

Delta R.T. -0.01 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

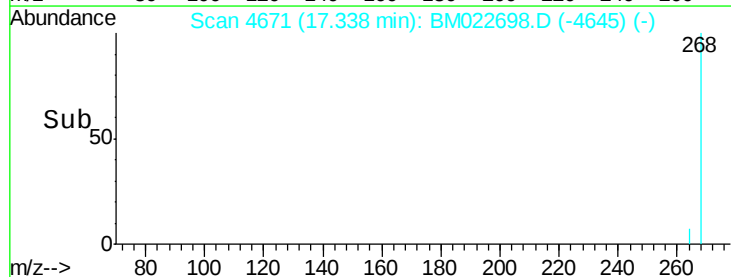
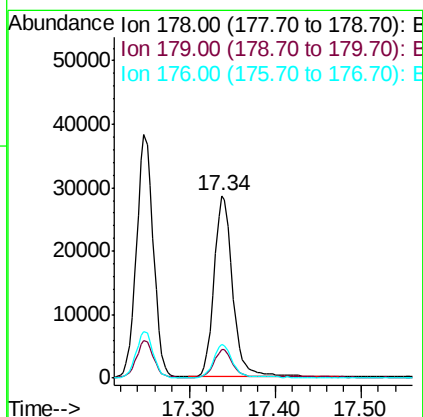
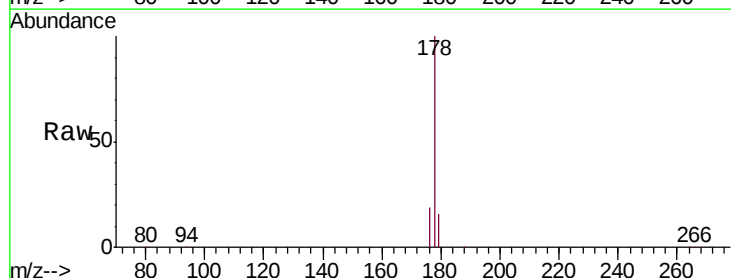
Tgt Ion:178 Resp: 43111

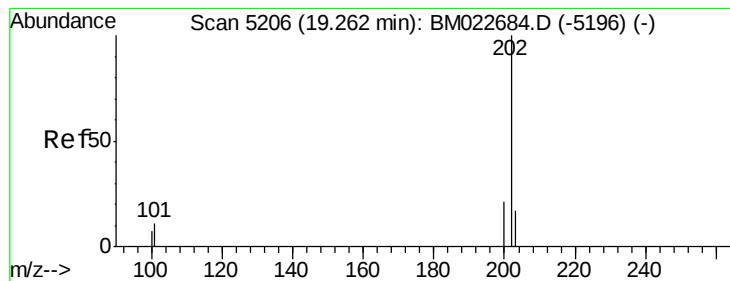
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.7 14.8 22.2





#15

Fluoranthene

Concen: 0.367 ng/ul

RT: 19.26 min Scan# 5206

Delta R.T. -0.01 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.468

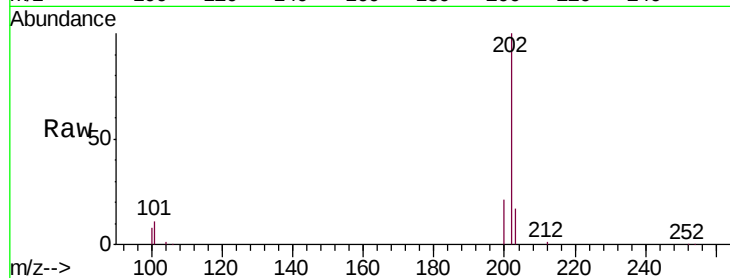
Tgt Ion:202 Resp: 57567

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.5

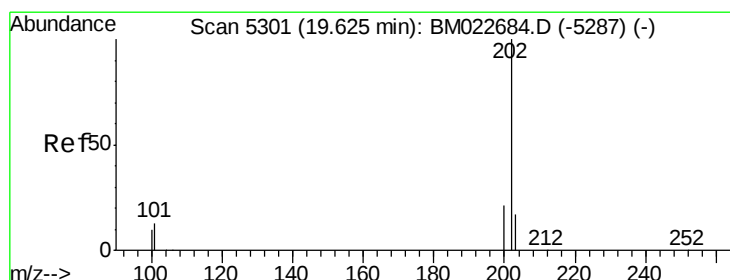
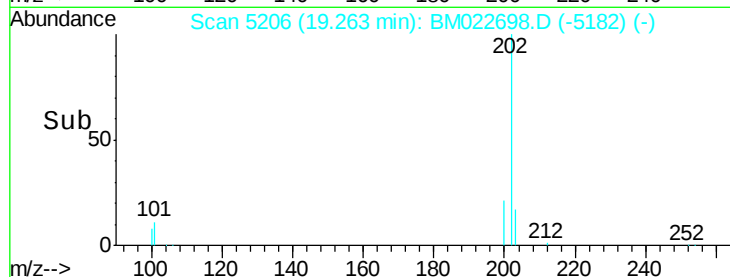
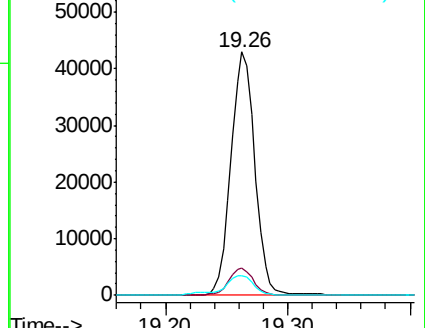
100 8.3 0.0 28.0



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: 0.388 ng/ul

RT: 19.62 min Scan# 5301

Delta R.T. -0.01 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

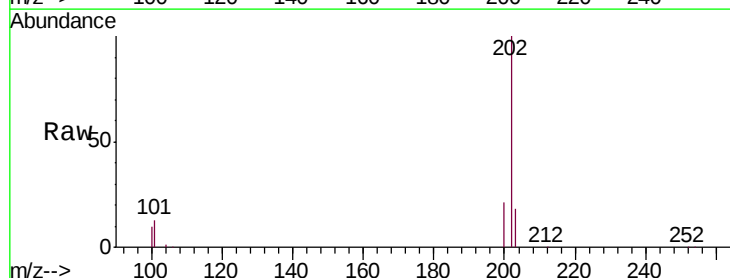
Tgt Ion:202 Resp: 62269

Ion Ratio Lower Upper

202 100

101 13.1 10.0 15.0

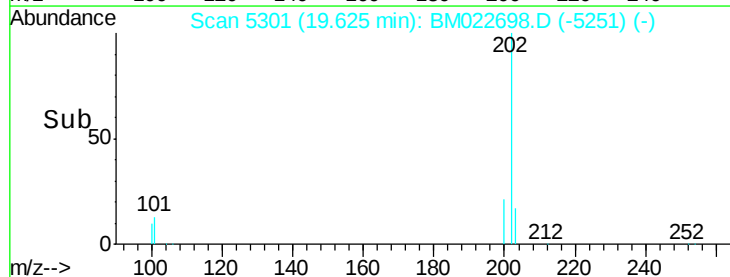
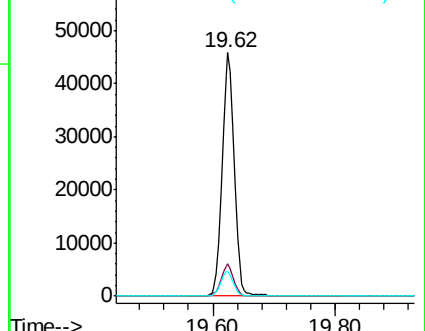
100 10.4 8.1 12.1

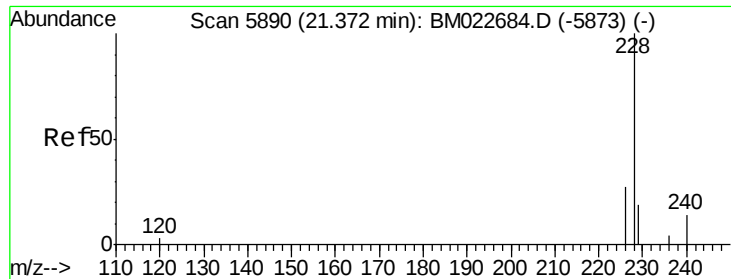


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.343 ng/ul

RT: 21.37 min Scan# 5889

Delta R.T. -0.00 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

Instrument :

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ClientSampleId :

SSTD0.468

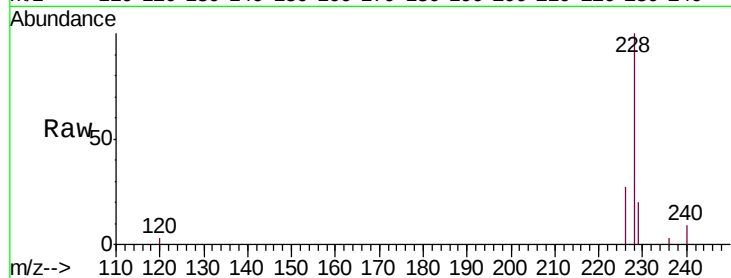
Tgt Ion:228 Resp: 46453

Ion Ratio Lower Upper

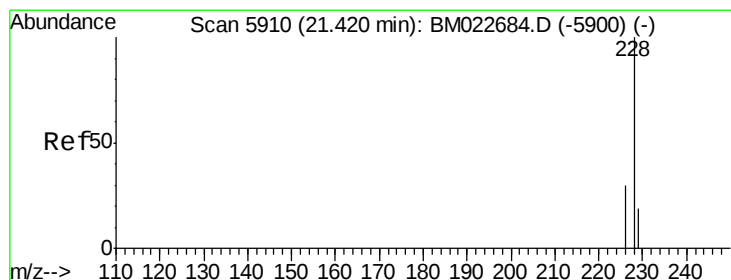
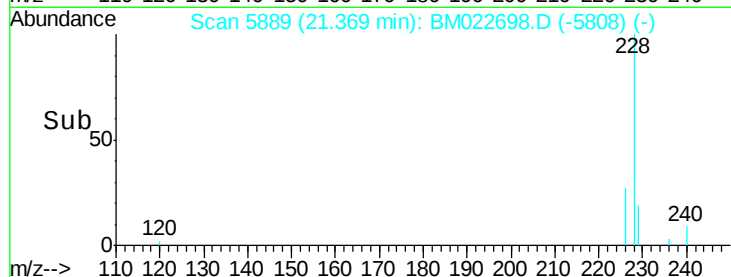
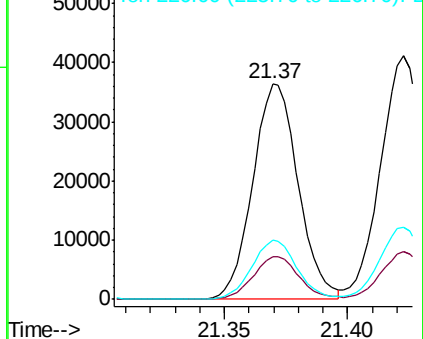
228 100

229 19.6 15.6 23.4

226 27.3 22.0 33.0



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: 0.364 ng/ul

RT: 21.42 min Scan# 5911

Delta R.T. -0.00 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

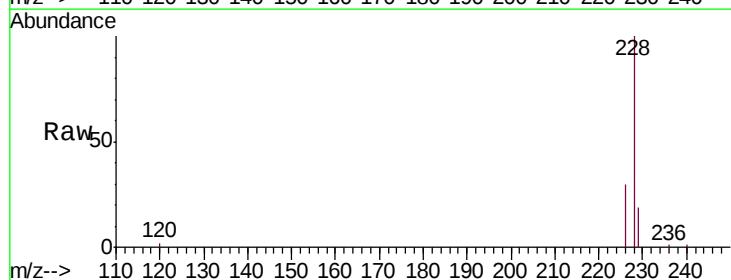
Tgt Ion:228 Resp: 51800

Ion Ratio Lower Upper

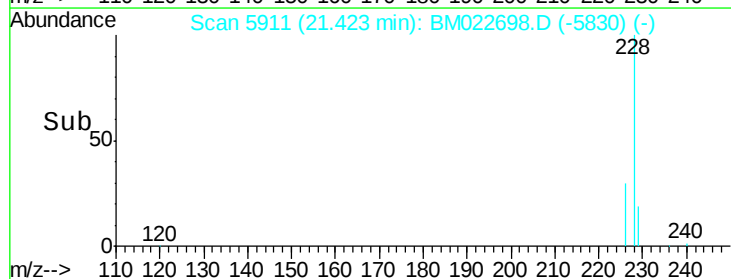
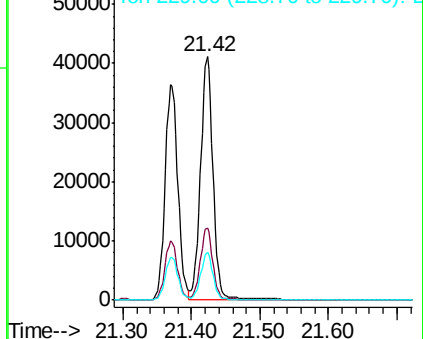
228 100

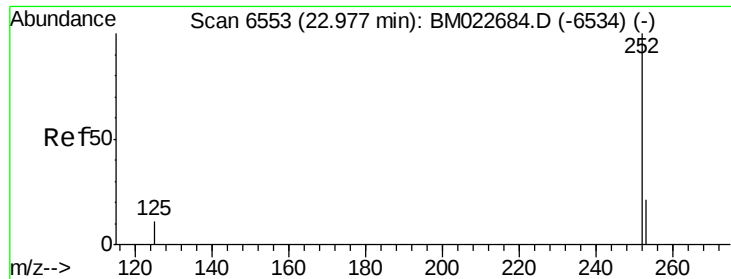
226 29.7 23.8 35.8

229 19.5 15.5 23.3



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: 0.378 ng/ul

RT: 22.98 min Scan# 6553

Delta R.T. -0.01 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

Instrument :

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ClientSampleId :

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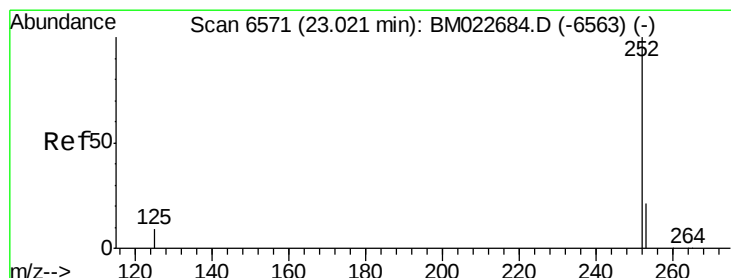
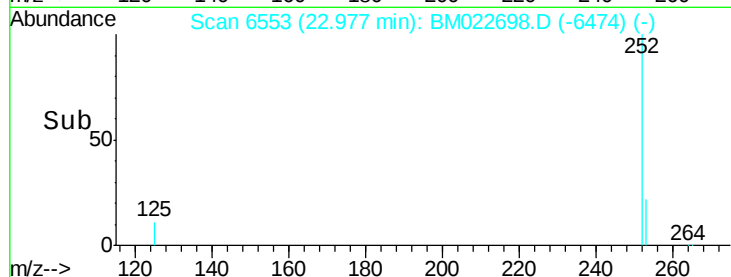
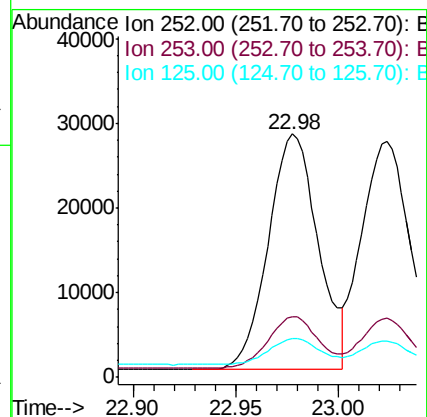
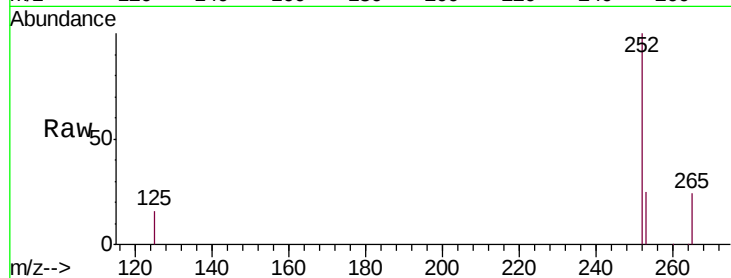
Tgt Ion:252 Resp: 47148

Ion Ratio Lower Upper

252 100

253 25.0 0.0 48.4

125 15.8 0.0 31.2



#22

Benzo(k)fluoranthene

Concen: 0.363 ng/ul

RT: 23.02 min Scan# 6572

Delta R.T. -0.00 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

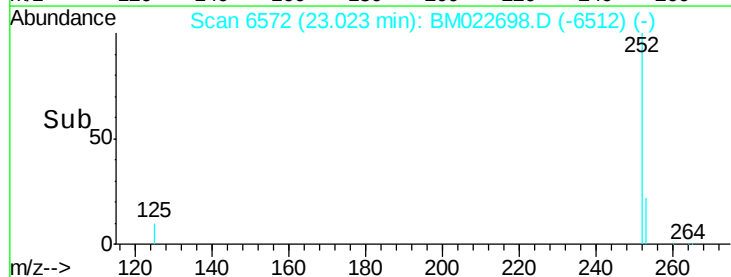
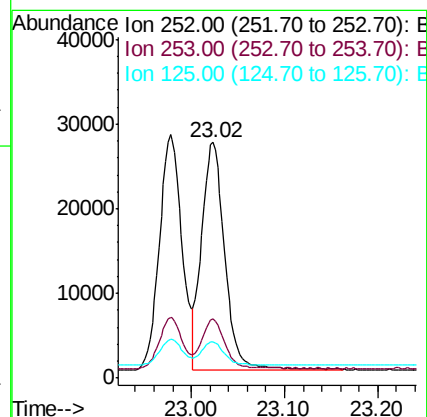
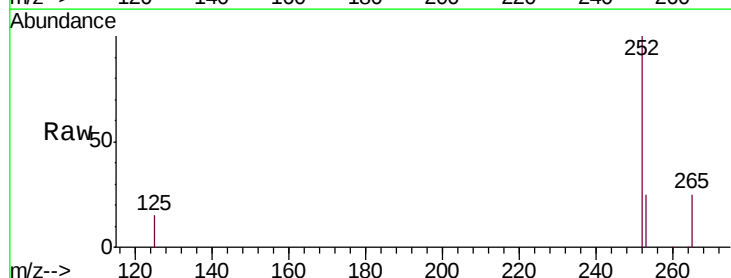
Tgt Ion:252 Resp: 46212

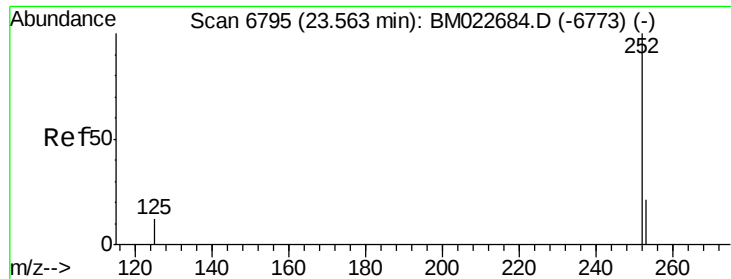
Ion Ratio Lower Upper

252 100

253 25.3 19.5 29.3

125 15.4 11.2 16.8





#23

Benzo(a)pyrene

Concen: 0.362 ng/ul

RT: 23.57 min Scan# 6796

Delta R.T. -0.01 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.468

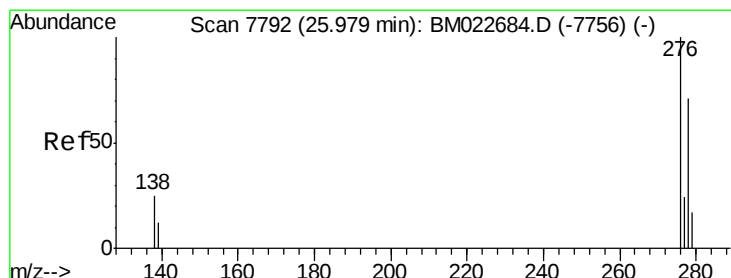
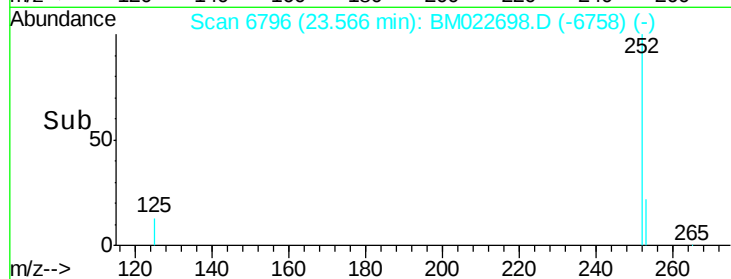
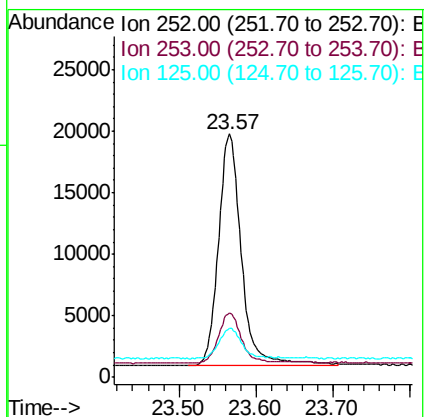
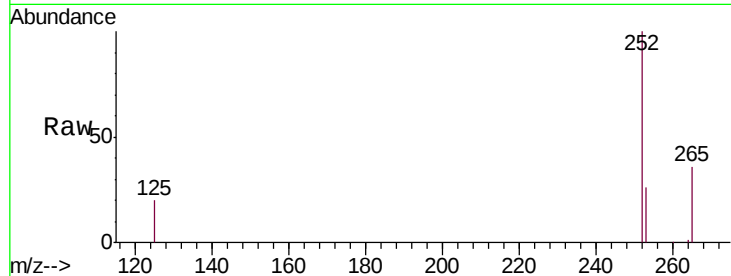
Tgt Ion:252 Resp: 39471

Ion Ratio Lower Upper

252 100

253 26.4 20.2 30.2

125 20.3 15.7 23.5



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.321 ng/ul

RT: 25.98 min Scan# 7791

Delta R.T. -0.01 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

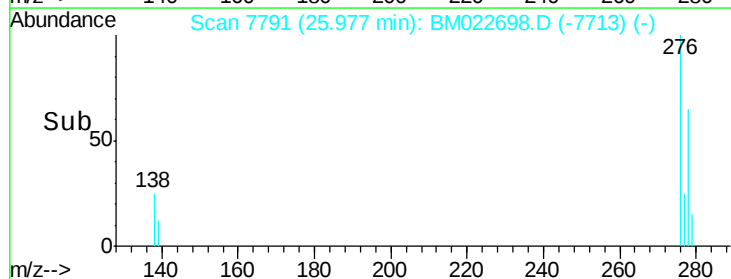
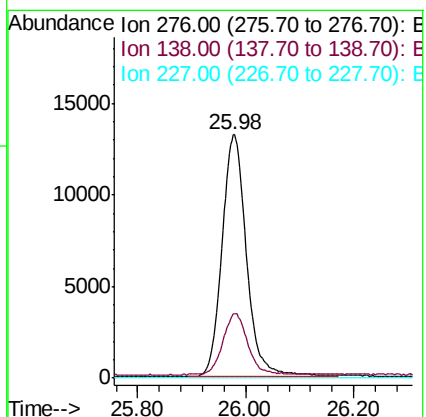
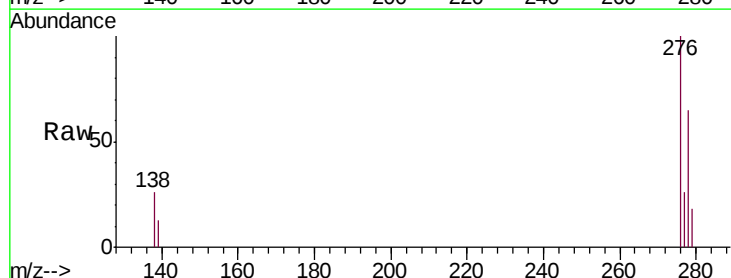
Tgt Ion:276 Resp: 42746

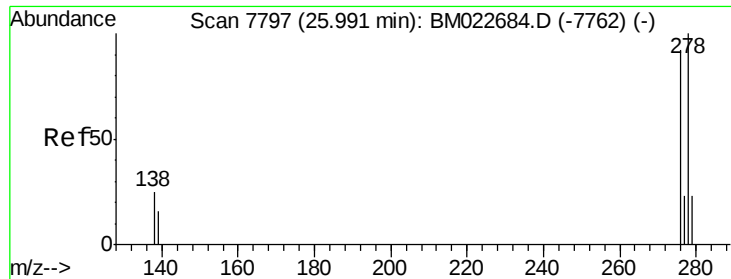
Ion Ratio Lower Upper

276 100

138 25.5 21.1 31.7

227 0.0 0.0 0.0





#25

Dibenzo(a,h)anthracene

Concen: 0.324 ng/u1

RT: 25.99 min Scan# 7796

Delta R.T. -0.02 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.468

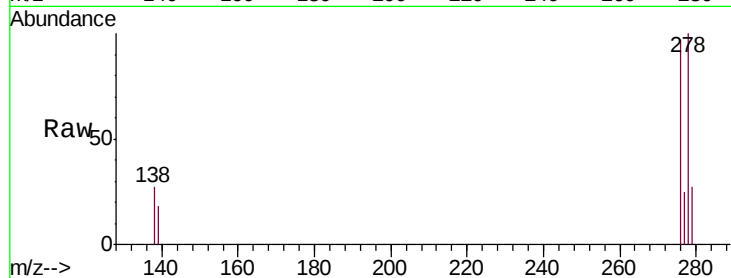
Tgt Ion:278 Resp: 34825

Ion Ratio Lower Upper

278 100

139 18.1 13.8 20.6

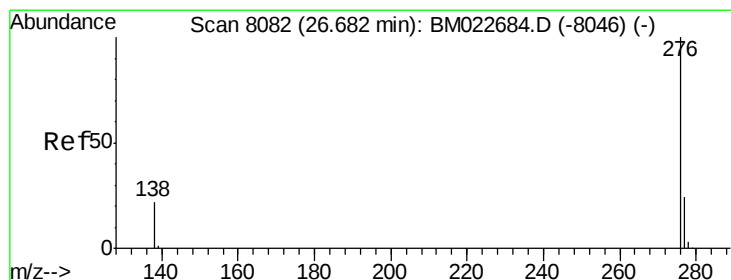
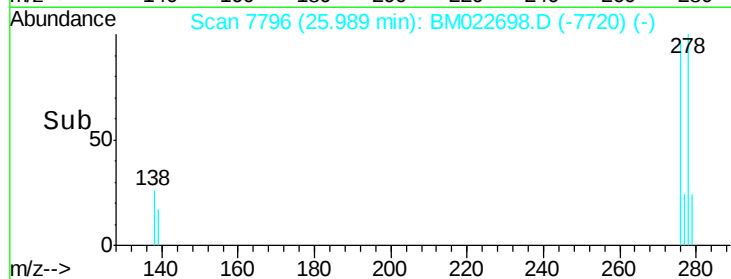
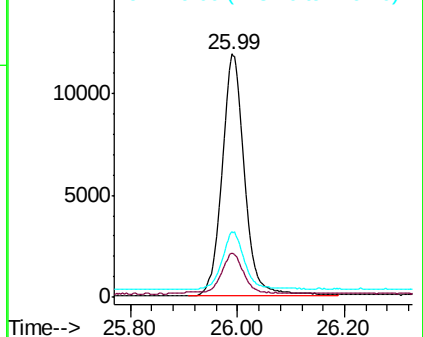
279 26.8 21.3 31.9



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: 0.346 ng/u1

RT: 26.68 min Scan# 8082

Delta R.T. -0.01 min

Lab File: BM022698.D

Acq: 17 Sep 2019 09:34

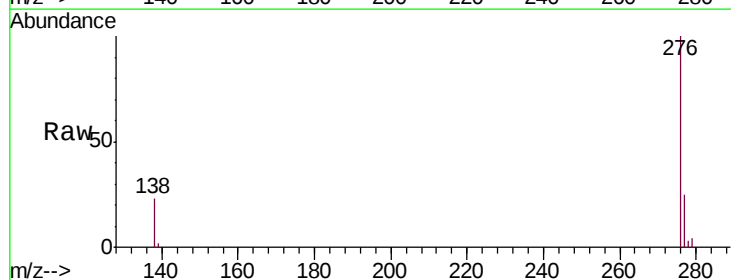
Tgt Ion:276 Resp: 36679

Ion Ratio Lower Upper

276 100

138 23.3 18.2 27.4

277 24.6 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

