

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021815\
 Data File : BM000546.D
 Acq On : 18 Feb 2015 19:31
 Operator : TP/IZ
 Sample : SSTD1.618
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.618

Quant Time: Feb 19 00:54:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM021815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 19 00:44:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3173	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	11231	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	6906	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	16296	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	12603	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	8820	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	24451	1.67	ng/ul	-0.01
14) Fluoranthene-d10	19.11	212	56934	1.59	ng/ul	0.00

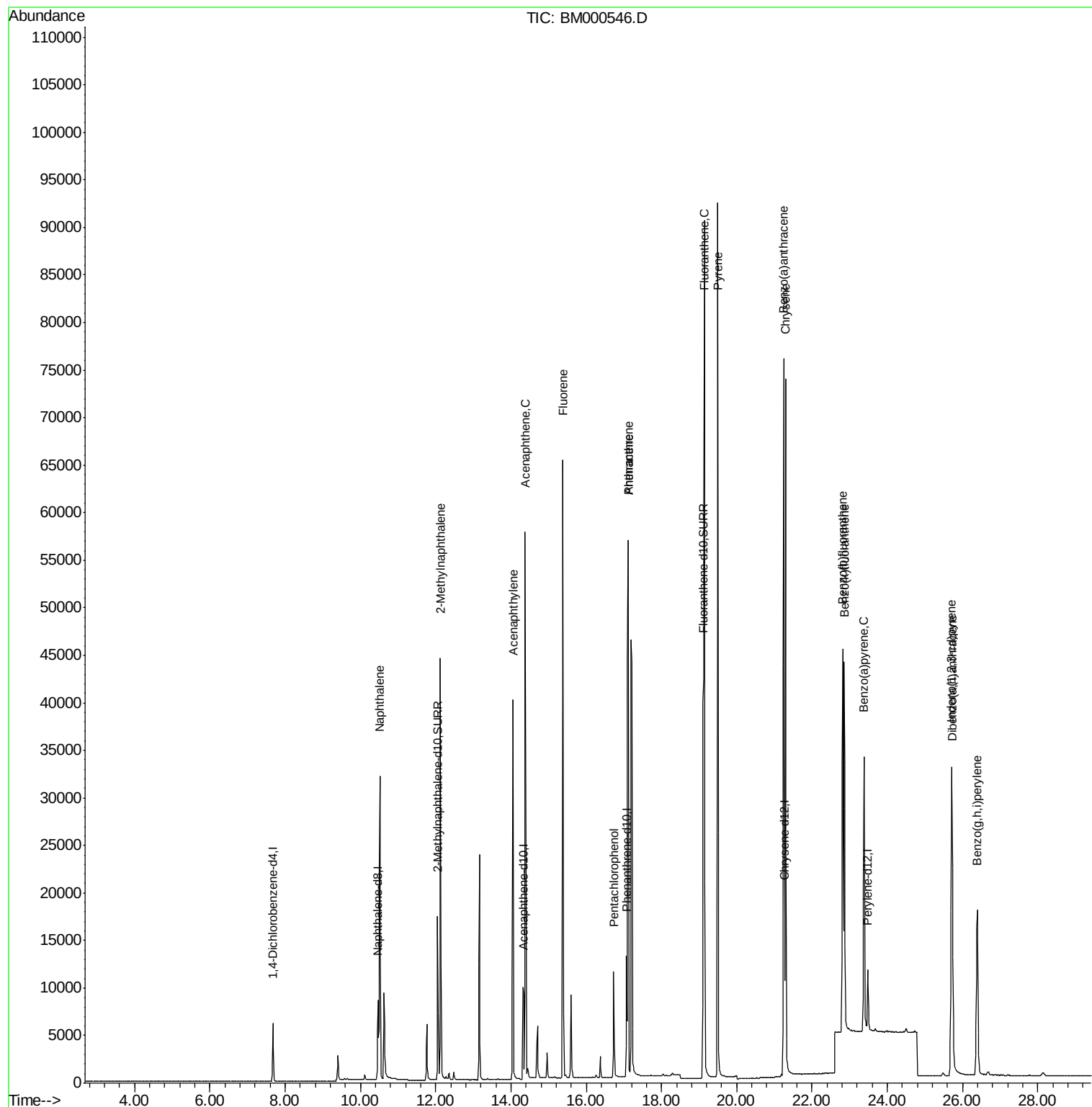
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.51	128	44612	1.54	ng/ul	99
5) 2-Methylnaphthalene	12.13	142	32514	1.67	ng/ul	100
7) Acenaphthylene	14.05	152	50625	1.89	ng/ul	99
8) Acenaphthene	14.38	153	37976	1.81	ng/ul	99
9) Fluorene	15.38	166	46865	1.89	ng/ul	98
11) Pentachlorophenol	16.73	266	7627	3.47	ng/ul	96
12) Phenanthrene	17.12	178	74412	1.53	ng/ul	98
13) Anthracene	17.12	178	74412	1.70	ng/ul	98
15) Fluoranthene	19.14	202	87733	1.58	ng/ul	99
17) Pyrene	19.50	202	87743	1.69	ng/ul	99
18) Benzo(a)anthracene	21.25	228	64342	1.65	ng/ul	98
19) Chrysene	21.30	228	66960	1.48	ng/ul	99
21) Benzo(b)fluoranthene	22.81	252	53833	1.63	ng/ul	84
22) Benzo(k)fluoranthene	22.86	252	52015	1.53	ng/ul#	81
23) Benzo(a)pyrene	23.38	252	46539	1.53	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.71	276	43033	1.38	ng/ul	99
25) Dibenzo(a,h)anthracene	25.72	278	33894	1.40	ng/ul#	82
26) Benzo(g,h,i)perylene	26.39	276	36886	1.32	ng/ul	93

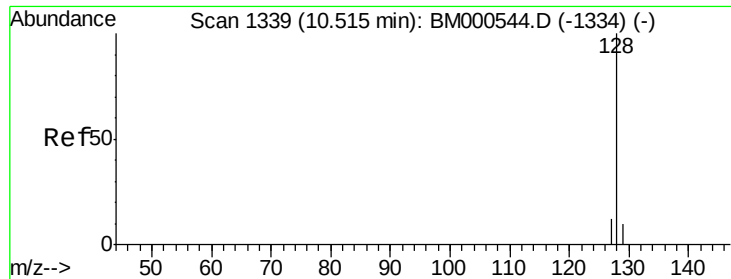
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021815\
Data File : BM000546.D
Acq On : 18 Feb 2015 19:31
Operator : TP/IZ
Sample : SSTD1.618
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.618

Quant Time: Feb 19 00:54:12 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM021815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 19 00:44:18 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.54 ng/ul

RT: 10.51 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BM000546.D

Acq: 18 Feb 2015 19:31

Instrument :

BNA_M

ClientSampleId :

SSTD1.618

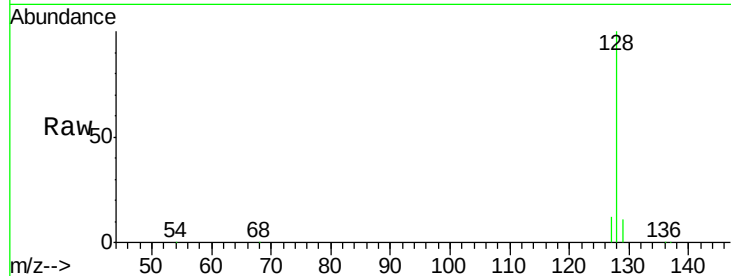
Tgt Ion:128 Resp: 44612

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

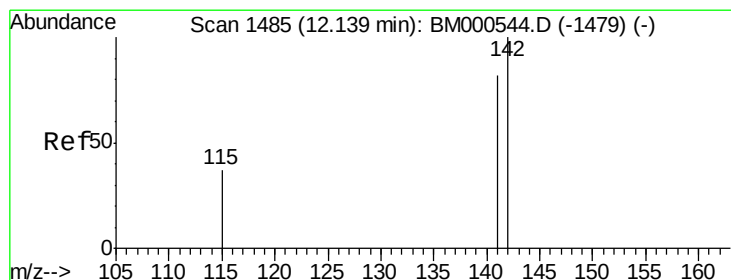
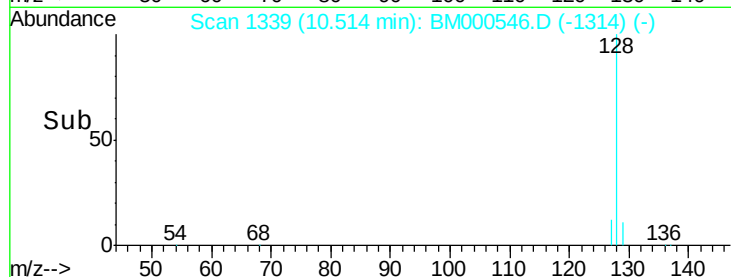
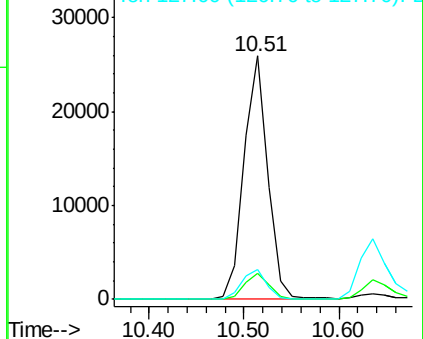
127 12.5 10.6 15.8



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: 1.67 ng/ul

RT: 12.13 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM000546.D

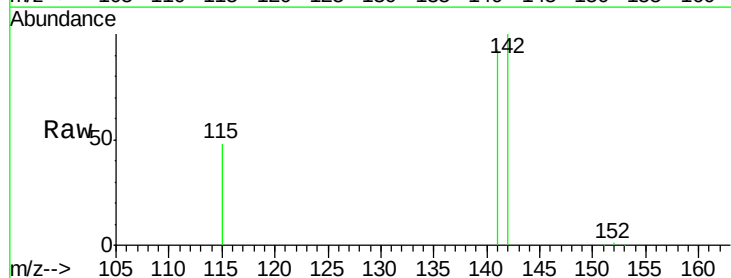
Acq: 18 Feb 2015 19:31

Tgt Ion:142 Resp: 32514

Ion Ratio Lower Upper

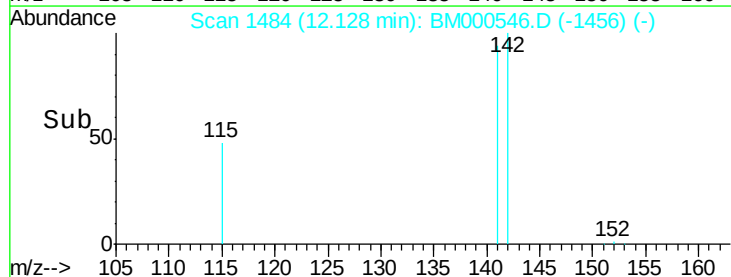
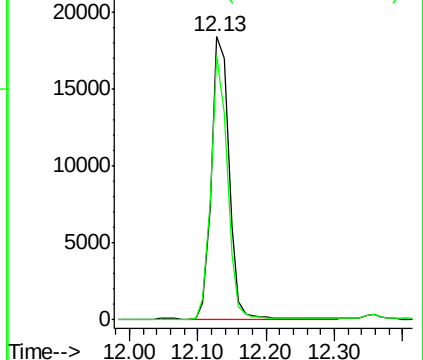
142 100

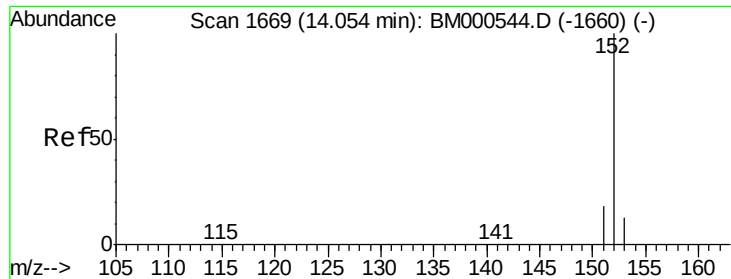
141 87.9 70.4 105.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.89 ng/ul

RT: 14.05 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BM000546.D

Acq: 18 Feb 2015 19:31

Instrument :

BNA_M

ClientSampleId :

SSTD1.618

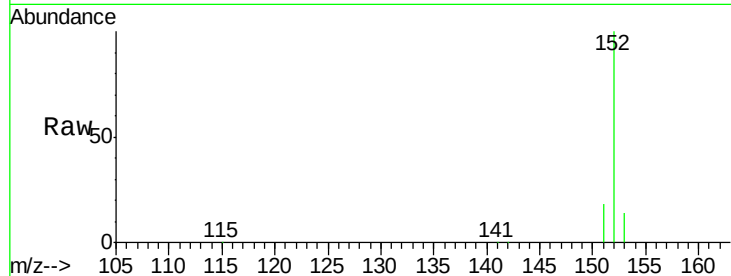
Tgt Ion:152 Resp: 50625

Ion Ratio Lower Upper

152 100

151 17.9 15.0 22.4

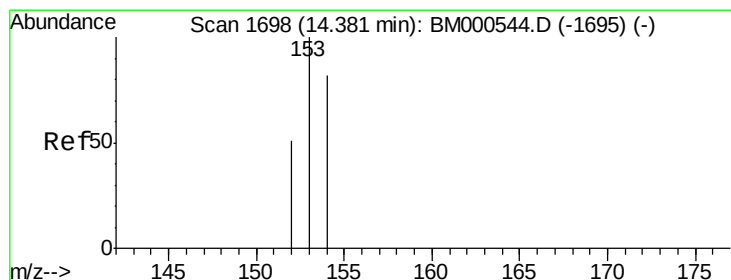
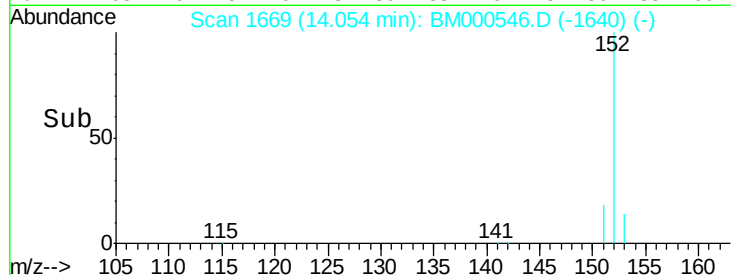
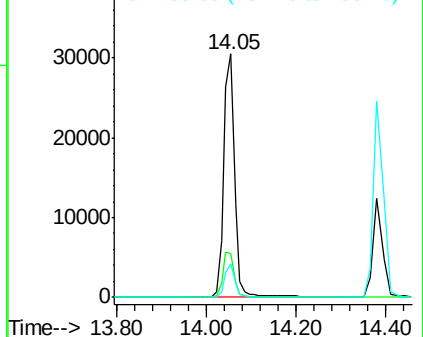
153 13.7 11.2 16.8



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: 1.81 ng/ul

RT: 14.38 min Scan# 1698

Delta R.T. -0.00 min

Lab File: BM000546.D

Acq: 18 Feb 2015 19:31

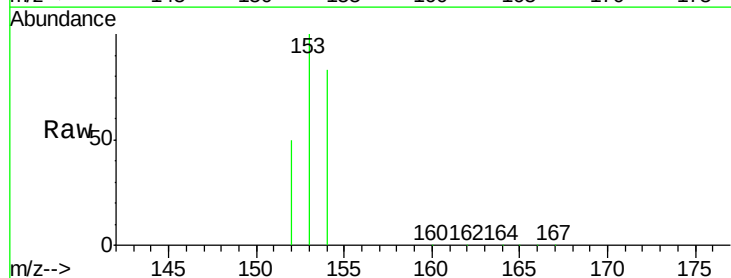
Tgt Ion:153 Resp: 37976

Ion Ratio Lower Upper

153 100

152 50.3 41.2 61.8

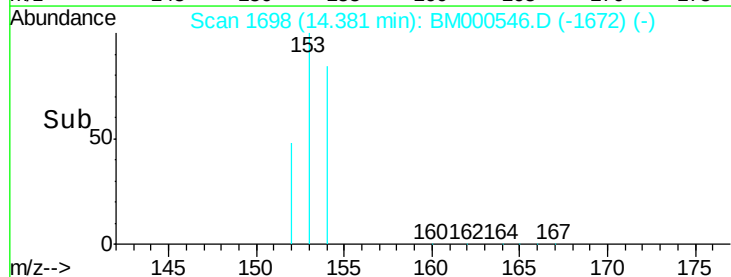
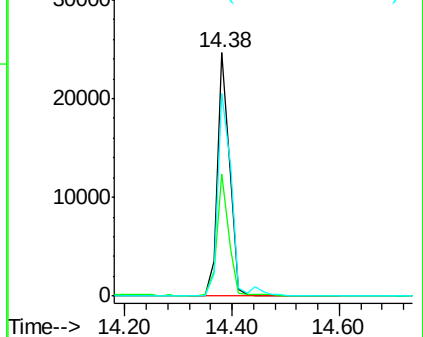
154 83.3 66.0 99.0

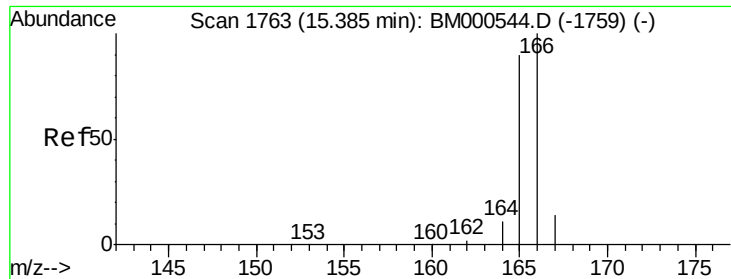


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

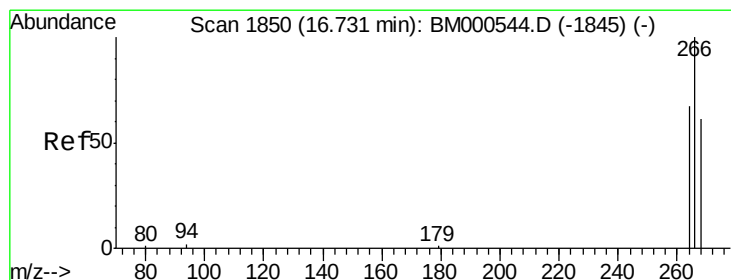
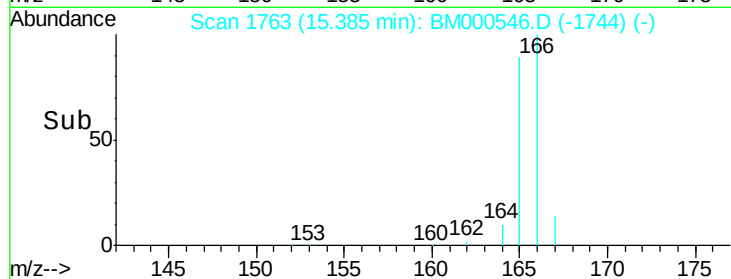
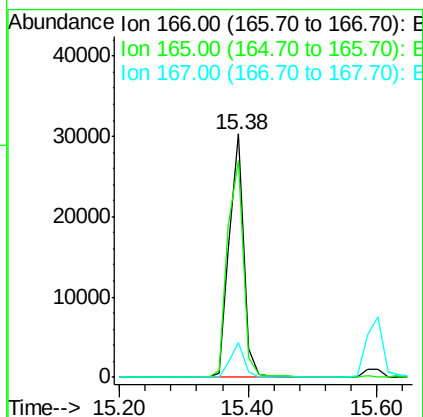
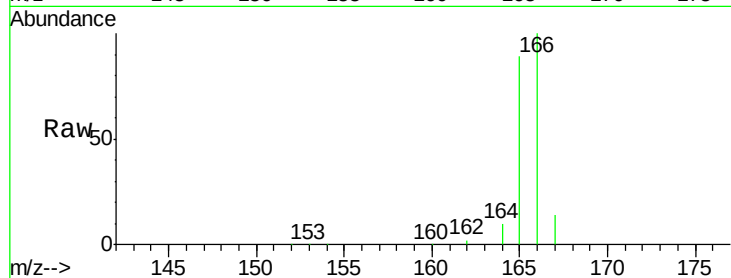




#9
Fluorene
 Concen: 1.89 ng/ul
 RT: 15.38 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BM000546.D
 Acq: 18 Feb 2015 19:31

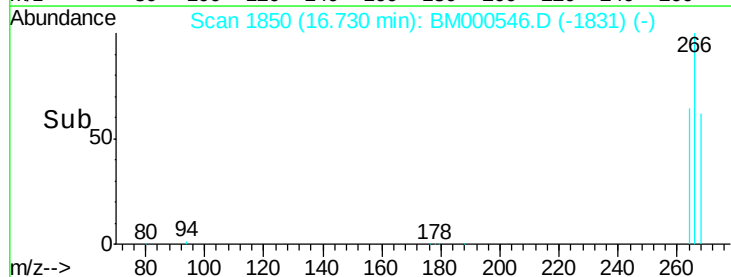
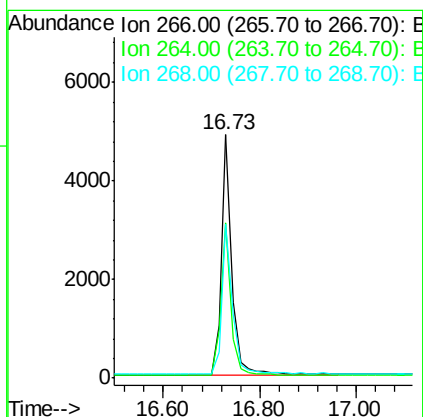
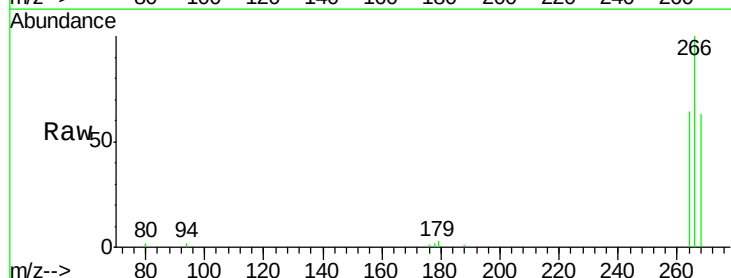
Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.618

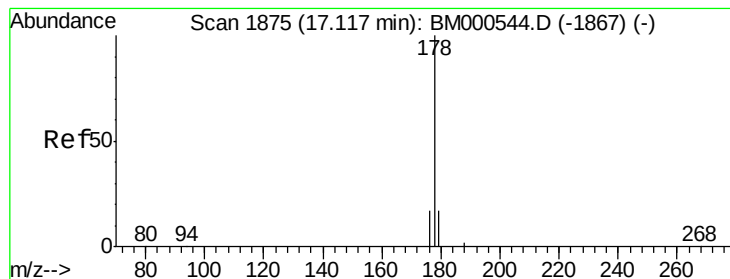
Tgt Ion:166 Resp: 46865
 Ion Ratio Lower Upper
 166 100
 165 88.8 72.3 108.5
 167 14.2 11.9 17.9



#11
Pentachlorophenol
 Concen: 3.47 ng/ul
 RT: 16.73 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BM000546.D
 Acq: 18 Feb 2015 19:31

Tgt Ion:266 Resp: 7627
 Ion Ratio Lower Upper
 266 100
 264 63.4 51.8 77.6
 268 63.4 55.4 83.0





#12

Phenanthrene

Concen: 1.53 ng/ul

RT: 17.12 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BM000546.D

Acq: 18 Feb 2015 19:31

Instrument :

BNA_M

ClientSampleId :

SSTD1.618

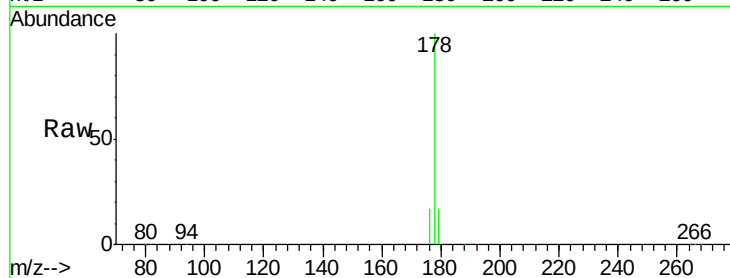
Tgt Ion:178 Resp: 74412

Ion Ratio Lower Upper

178 100

176 16.6 14.1 21.1

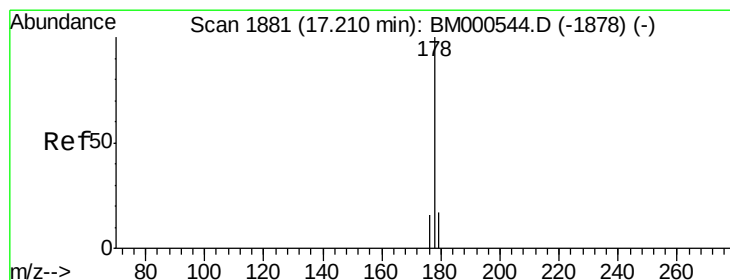
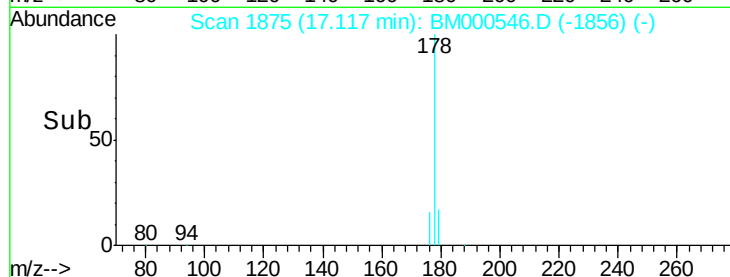
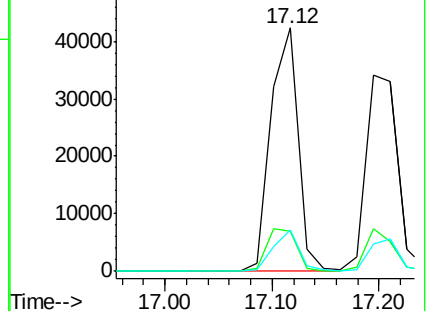
179 17.1 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 1.70 ng/ul

RT: 17.12 min Scan# 1875

Delta R.T. -0.09 min

Lab File: BM000546.D

Acq: 18 Feb 2015 19:31

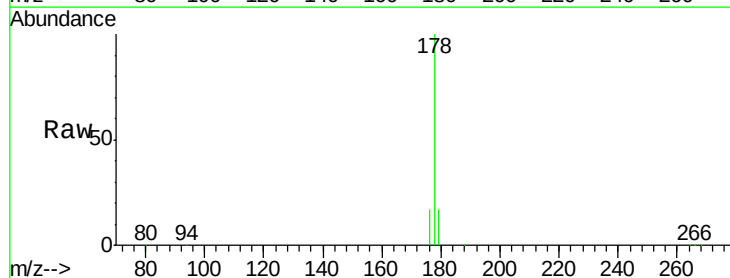
Tgt Ion:178 Resp: 74412

Ion Ratio Lower Upper

178 100

176 16.6 13.6 20.4

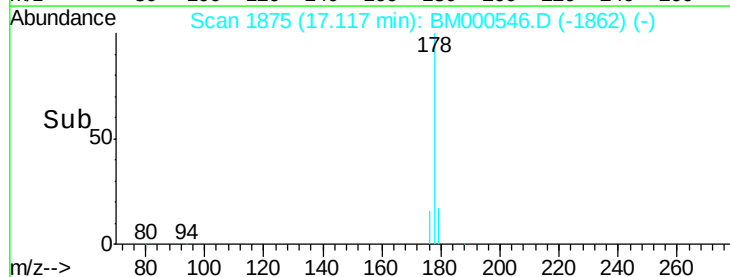
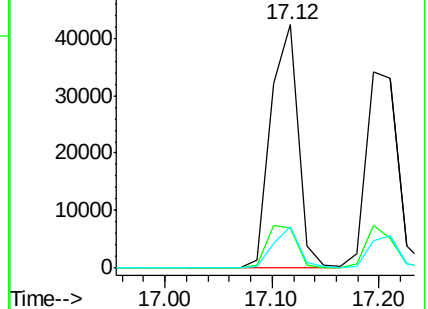
179 17.1 14.9 22.3

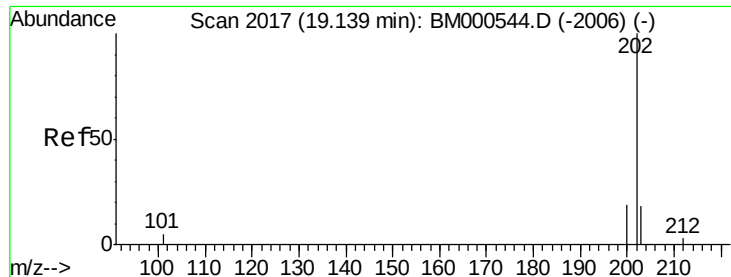


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

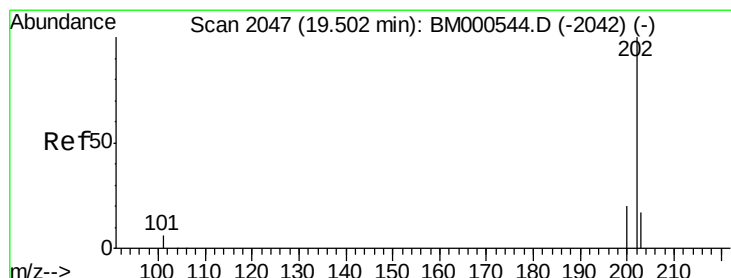
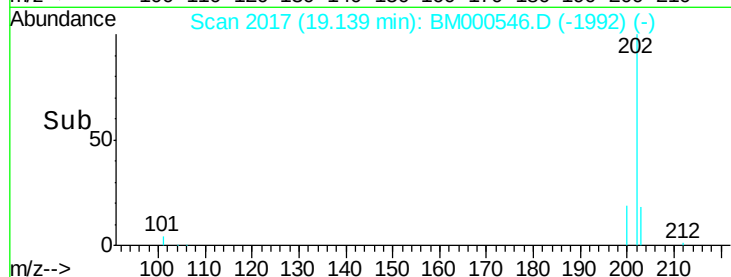
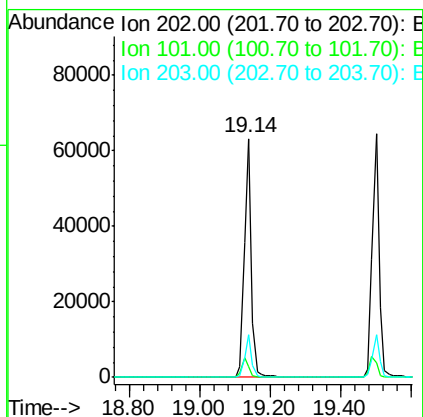
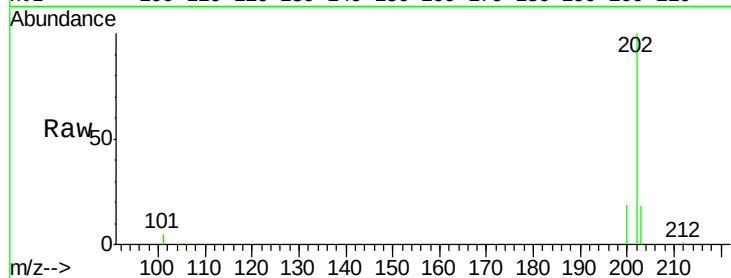




#15
Fluoranthene
Concen: 1.58 ng/ul
RT: 19.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM000546.D
Acq: 18 Feb 2015 19:31

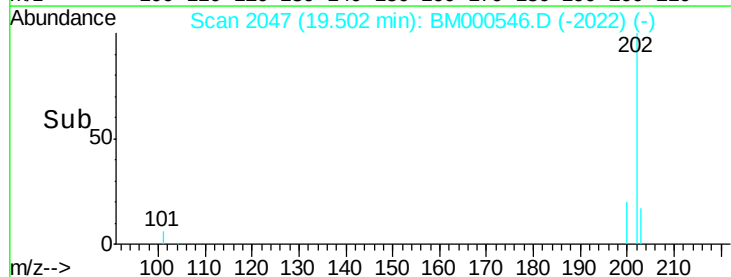
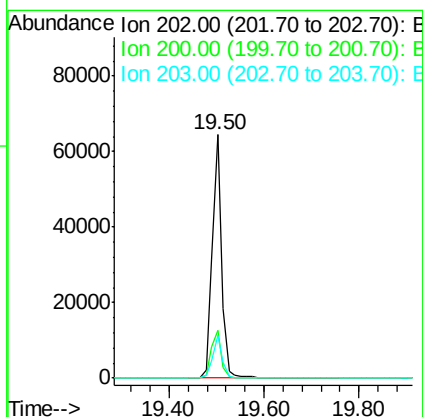
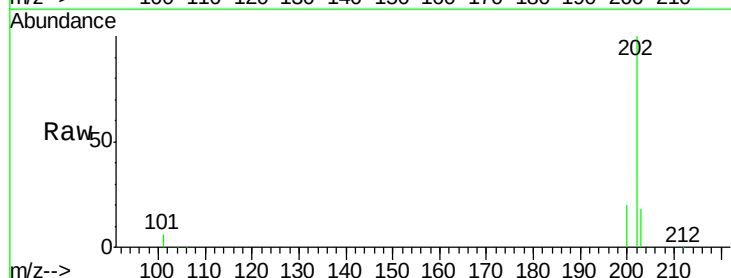
Instrument :
BNA_M
ClientSampleId :
SSTD1.618

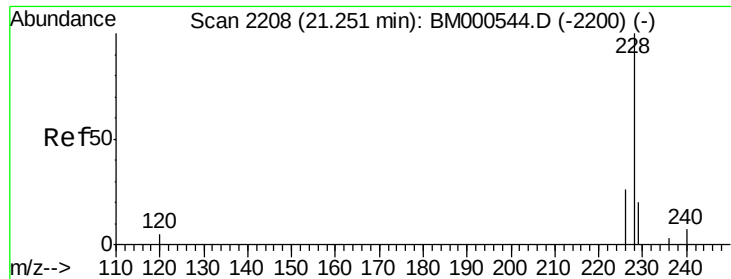
Tgt Ion:202 Resp: 87733
Ion Ratio Lower Upper
202 100
101 4.6 0.0 25.4
203 18.1 0.0 38.6



#17
Pyrene
Concen: 1.69 ng/ul
RT: 19.50 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BM000546.D
Acq: 18 Feb 2015 19:31

Tgt Ion:202 Resp: 87743
Ion Ratio Lower Upper
202 100
200 19.6 16.0 24.0
203 17.5 14.4 21.6





#18

Benzo(a)anthracene

Concen: 1.65 ng/ul

RT: 21.25 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BM000546.D

Acq: 18 Feb 2015 19:31

Instrument :

BNA_M

ClientSampleId :

SSTD1.618

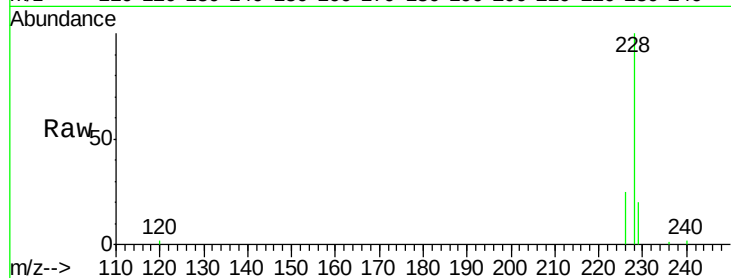
Tgt Ion:228 Resp: 64342

Ion Ratio Lower Upper

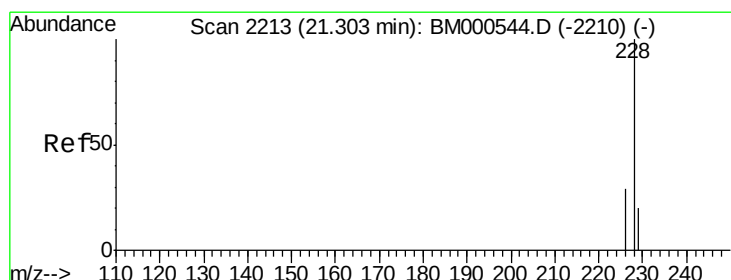
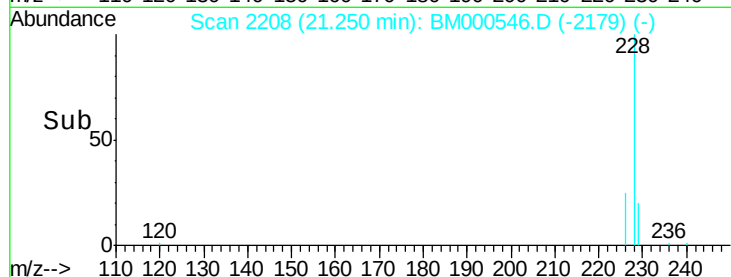
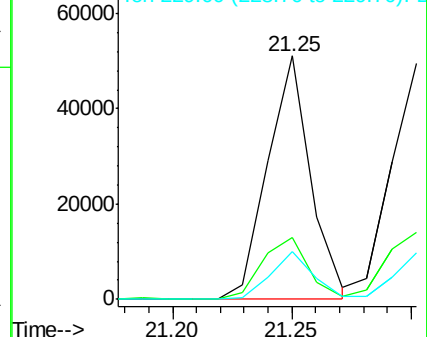
228 100

226 25.3 21.2 31.8

229 19.9 16.4 24.6



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



#19

Chrysene

Concen: 1.48 ng/ul

RT: 21.30 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BM000546.D

Acq: 18 Feb 2015 19:31

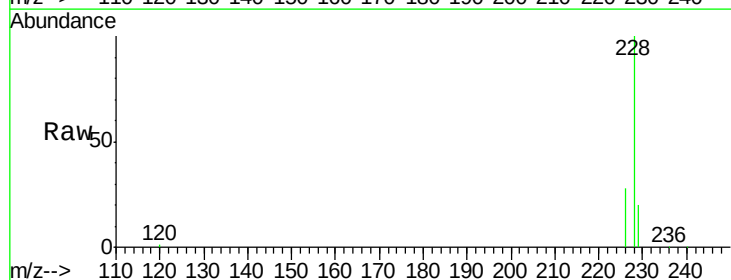
Tgt Ion:228 Resp: 66960

Ion Ratio Lower Upper

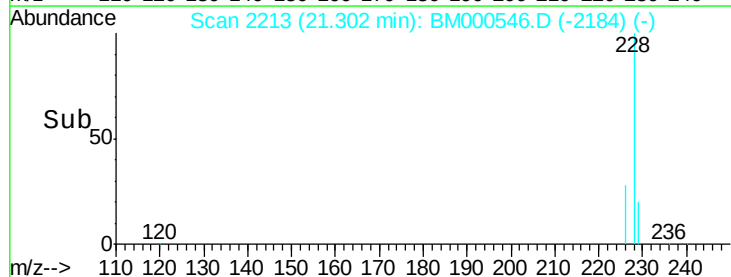
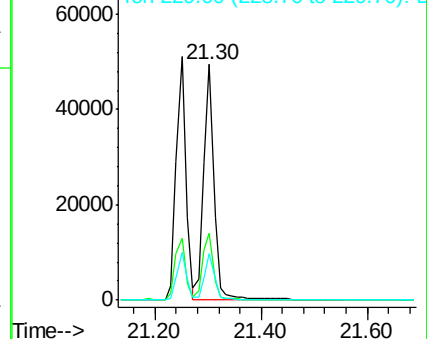
228 100

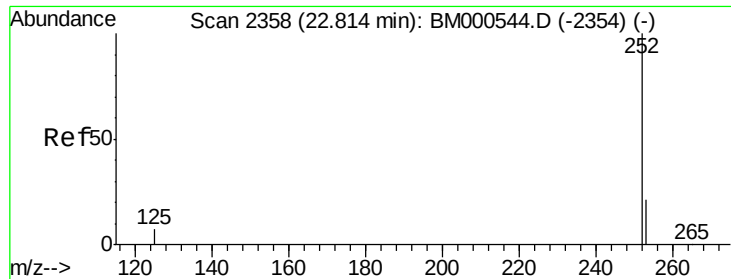
226 28.4 23.1 34.7

229 19.8 16.3 24.5



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: 1.63 ng/ul

RT: 22.81 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BM000546.D

Acq: 18 Feb 2015 19:31

Instrument :

BNA_M

ClientSampleId :

SSTD1.618

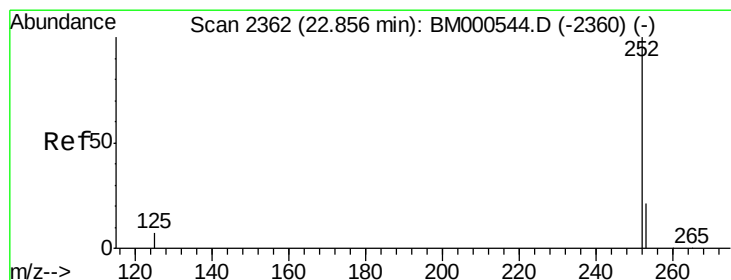
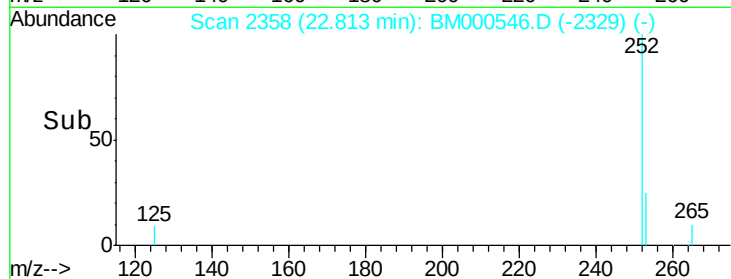
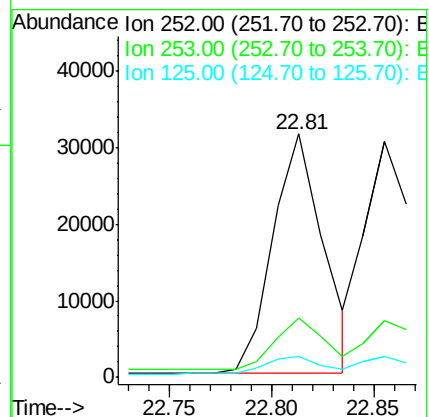
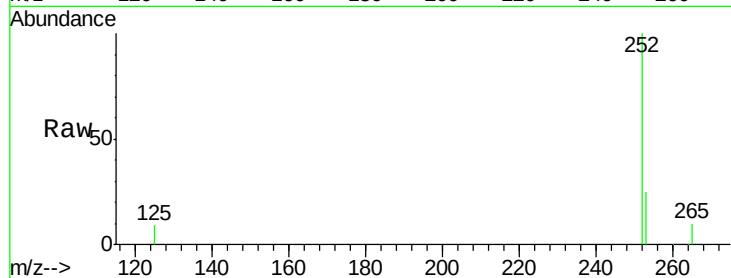
Tgt Ion:252 Resp: 53833

Ion Ratio Lower Upper

252 100

253 24.5 0.0 69.8

125 8.6 0.0 25.6



#22

Benzo(k)fluoranthene

Concen: 1.53 ng/ul

RT: 22.86 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BM000546.D

Acq: 18 Feb 2015 19:31

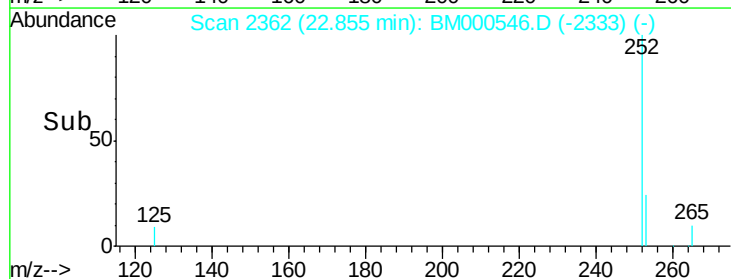
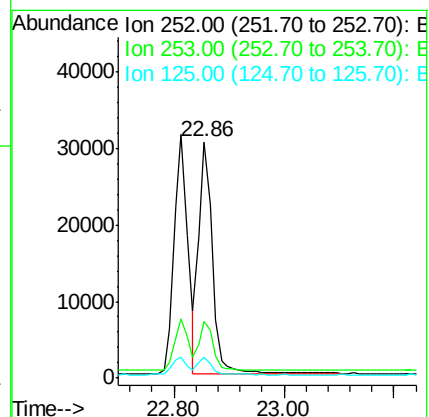
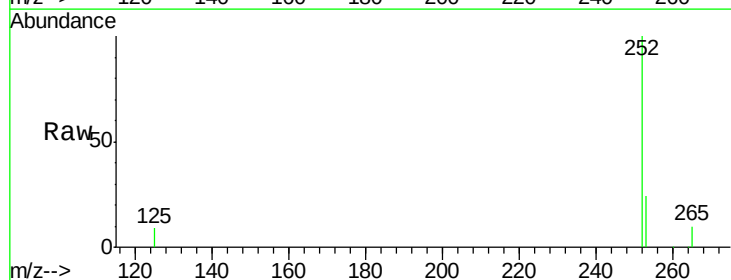
Tgt Ion:252 Resp: 52015

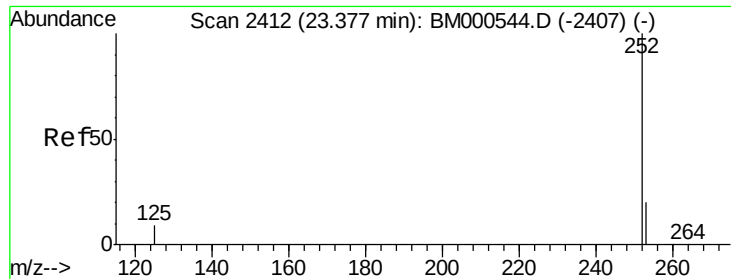
Ion Ratio Lower Upper

252 100

253 23.9 29.2 43.8#

125 8.9 10.8 16.2#





#23

Benzo(a)pyrene

Concen: 1.53 ng/ul

RT: 23.38 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BM000546.D

Acq: 18 Feb 2015 19:31

Instrument :

BNA_M

ClientSampleId :

SSTD1.618

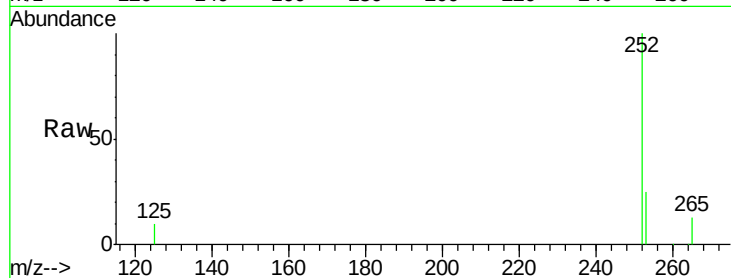
Tgt Ion:252 Resp: 46539

Ion Ratio Lower Upper

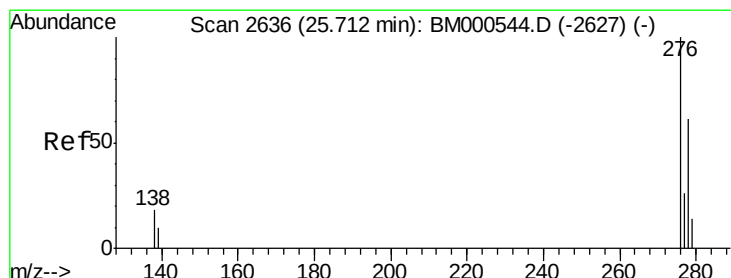
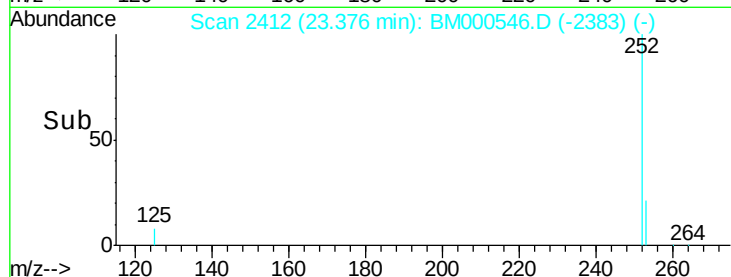
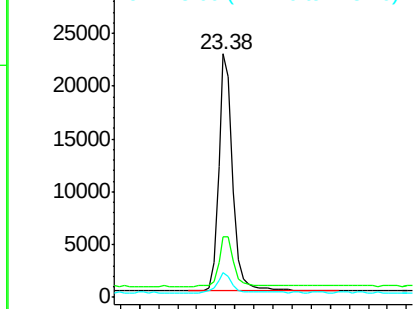
252 100

253 24.7 32.7 49.1#

125 10.0 13.3 19.9#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.38 ng/ul

RT: 25.71 min Scan# 2636

Delta R.T. -0.00 min

Lab File: BM000546.D

Acq: 18 Feb 2015 19:31

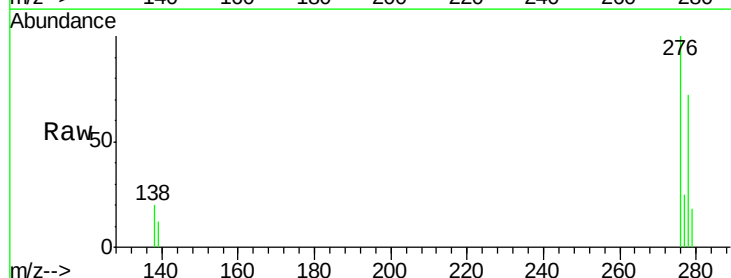
Tgt Ion:276 Resp: 43033

Ion Ratio Lower Upper

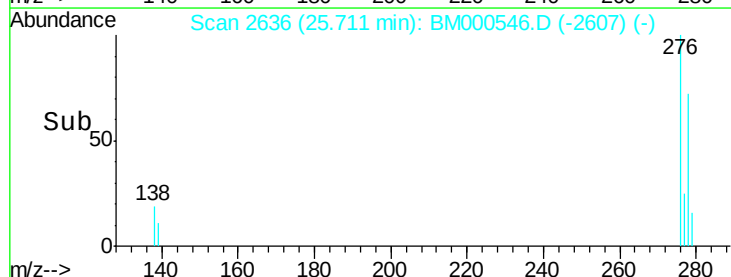
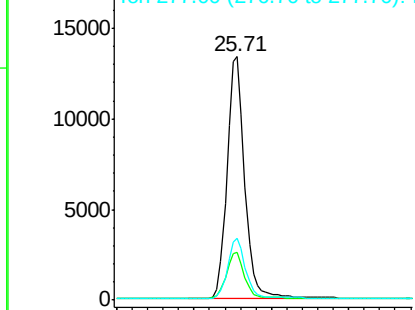
276 100

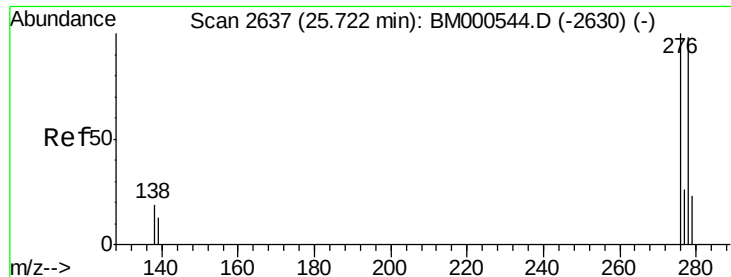
138 19.4 14.9 22.3

277 25.0 19.9 29.9



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





#25

Dibenzo(a,h)anthracene

Concen: 1.40 ng/ul

RT: 25.72 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM000546.D

Acq: 18 Feb 2015 19:31

Instrument :

BNA_M

ClientSampleId :

SSTD1.618

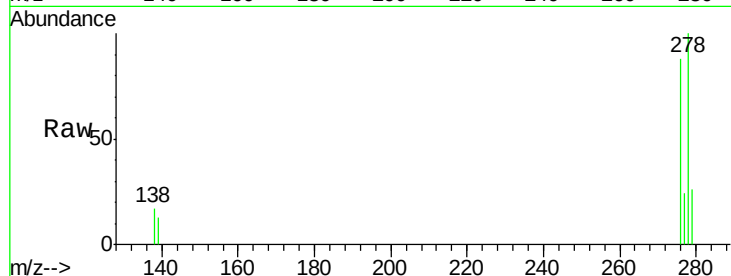
Tgt Ion:278 Resp: 33894

Ion Ratio Lower Upper

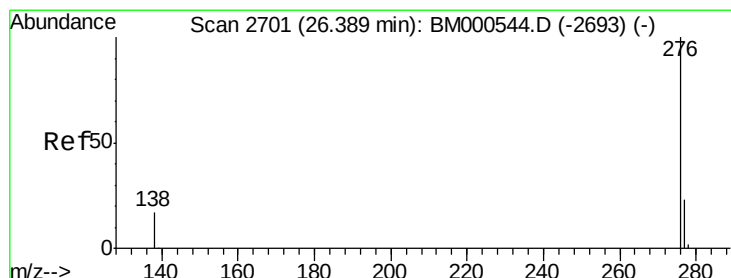
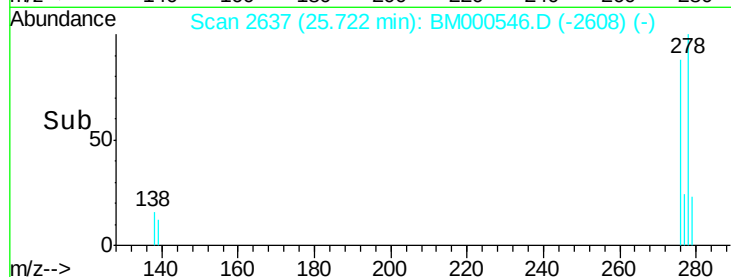
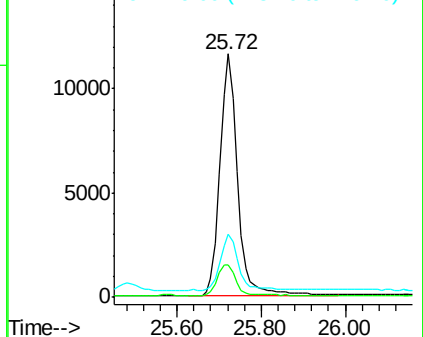
278 100

139 13.2 14.2 21.2#

279 25.9 31.5 47.3#



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: 1.32 ng/ul

RT: 26.39 min Scan# 2701

Delta R.T. -0.00 min

Lab File: BM000546.D

Acq: 18 Feb 2015 19:31

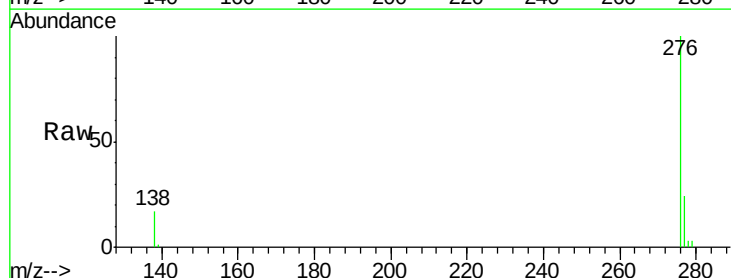
Tgt Ion:276 Resp: 36886

Ion Ratio Lower Upper

276 100

277 23.5 21.4 32.2

138 17.1 16.5 24.7



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

