

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030315\
 Data File : BM000619.D
 Acq On : 03 Mar 2015 16:49
 Operator : TP/IZ
 Sample : SSTD0.439
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.439

Quant Time: Mar 04 02:44:24 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 02:34:44 2015
 Response via : Initial Calibration

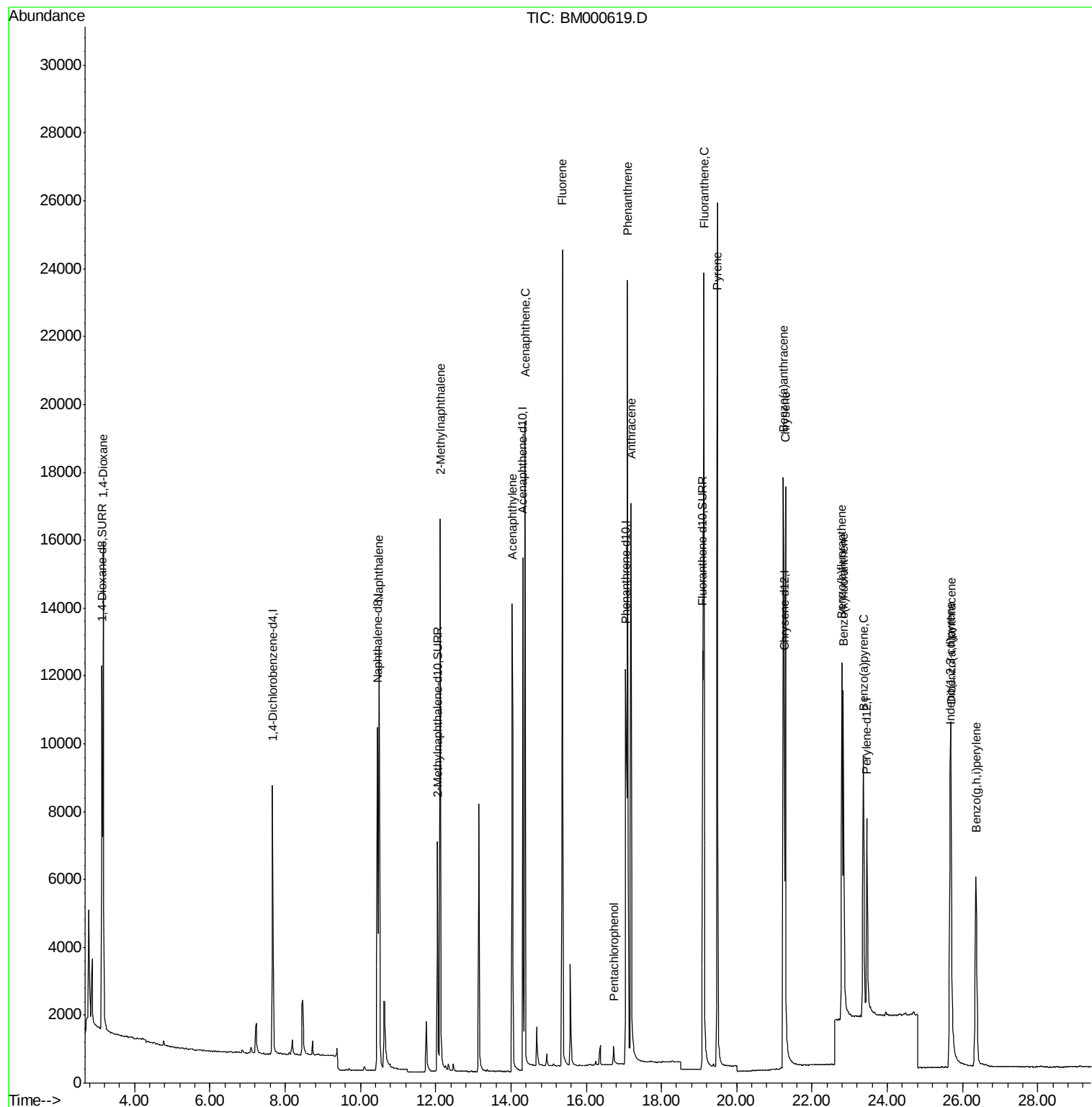
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4460	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	16097	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.31	164	7252	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.05	188	18393	0.40	ng/ul	0.00
18) Chrysene-d12	21.26	240	11584	0.40	ng/ul	0.00
22) Perylene-d12	23.46	264	8562	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	7431	2.38	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.04	152	9417	0.47	ng/ul	0.00
16) Fluoranthene-d10	19.09	212	16391	0.47	ng/ul	0.00
Target Compounds				Qvalue		
3) 1,4-Dioxane	3.17	88	11829	2.41	ng/ul	100
5) Naphthalene	10.49	128	19251	0.47	ng/ul	100
7) 2-Methylnaphthalene	12.12	142	12901	0.47	ng/ul	100
9) Acenaphthylene	14.03	152	17451	0.54	ng/ul	100
10) Acenaphthene	14.38	153	13955	0.55	ng/ul	100
11) Fluorene	15.36	166	16462	0.56	ng/ul	100
13) Pentachlorophenol	16.72	266	645	0.35	ng/ul	99
14) Phenanthrene	17.10	178	25475	0.48	ng/ul	100
15) Anthracene	17.19	178	21675	0.47	ng/ul	100
17) Fluoranthene	19.12	202	26091	0.47	ng/ul	100
19) Pyrene	19.49	202	25785	0.52	ng/ul	100
20) Benzo(a)anthracene	21.24	228	15559	0.46	ng/ul	100
21) Chrysene	21.29	228	19020	0.47	ng/ul	100
23) Benzo(b)fluoranthene	22.79	252	13986	0.47	ng/ul	100
24) Benzo(k)fluoranthene	22.83	252	15679	0.51	ng/ul	100
25) Benzo(a)pyrene	23.36	252	13244	0.46	ng/ul	100
26) Indeno(1,2,3-cd)pyrene	25.67	276	14362	0.46	ng/ul	100
27) Dibenzo(a,h)anthracene	25.69	278	11308	0.45	ng/ul	100
28) Benzo(g,h,i)perylene	26.36	276	12760	0.46	ng/ul	100

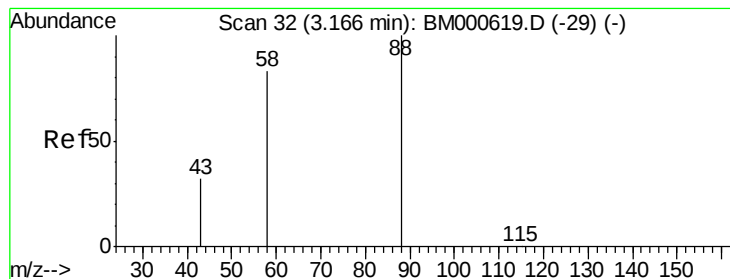
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030315\
Data File : BM000619.D
Acq On : 03 Mar 2015 16:49
Operator : TP/IZ
Sample : SST00.439
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.439

Quant Time: Mar 04 02:44:24 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 02:34:44 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 2.41 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM000619.D

Acq: 03 Mar 2015 16:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.439

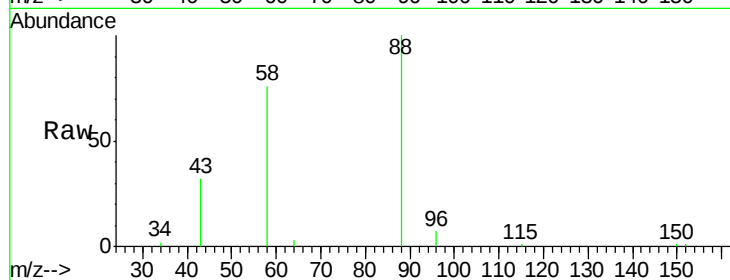
Tgt Ion: 88 Resp: 11829

Ion Ratio Lower Upper

88 100

58 69.3 55.4 83.2

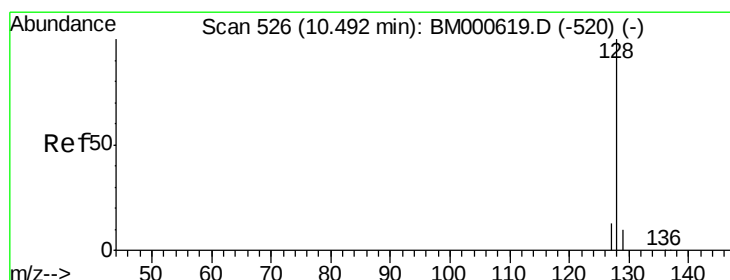
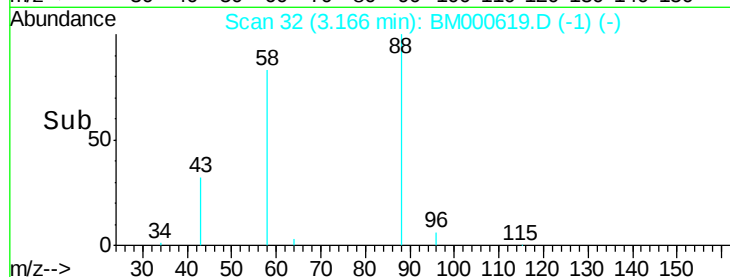
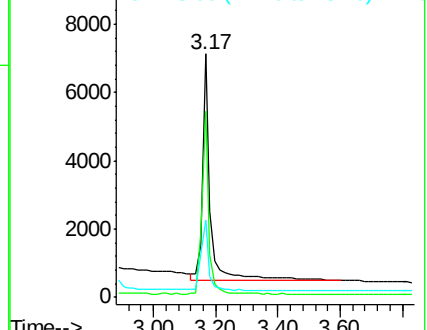
43 30.2 24.2 36.2



Abundance Ion 88.00 (87.70 to 88.70): BM000619.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM000619.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM000619.D (-29) (-)



#5

Naphthalene

Concen: 0.47 ng/ul

RT: 10.49 min Scan# 526

Delta R.T. 0.00 min

Lab File: BM000619.D

Acq: 03 Mar 2015 16:49

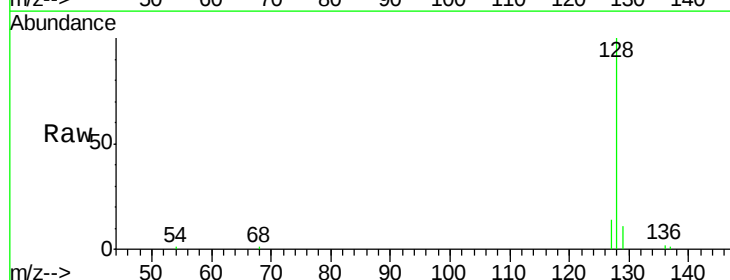
Tgt Ion: 128 Resp: 19251

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

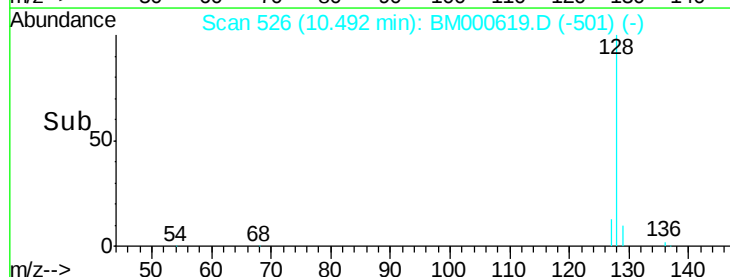
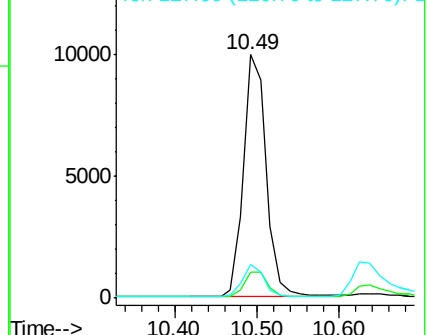
127 13.8 11.0 16.6

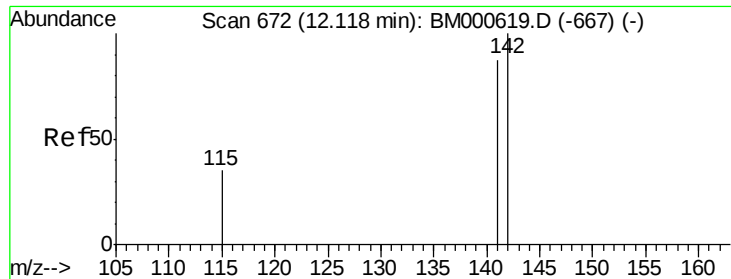


Abundance Ion 128.00 (127.70 to 128.70): BM000619.D (-520) (-)

Ion 129.00 (128.70 to 129.70): BM000619.D (-520) (-)

Ion 127.00 (126.70 to 127.70): BM000619.D (-520) (-)





#7

2-Methylnaphthalene

Concen: 0.47 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM000619.D

Acq: 03 Mar 2015 16:49

Instrument :

BNA_M

ClientSampleId :

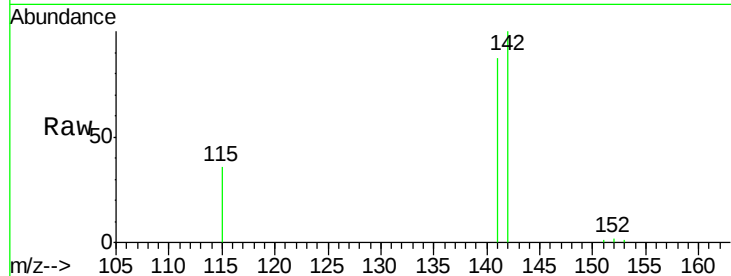
SSTD0.439

Tgt Ion:142 Resp: 12901

Ion Ratio Lower Upper

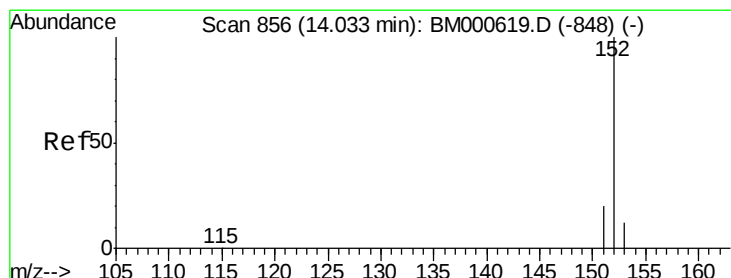
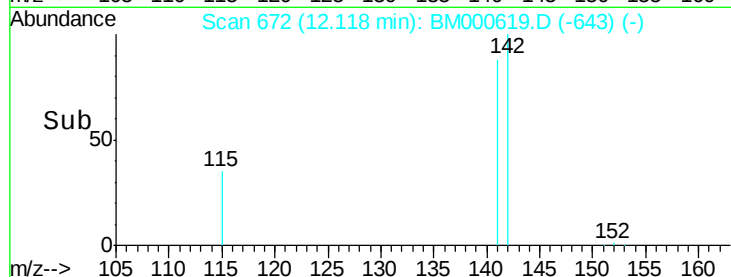
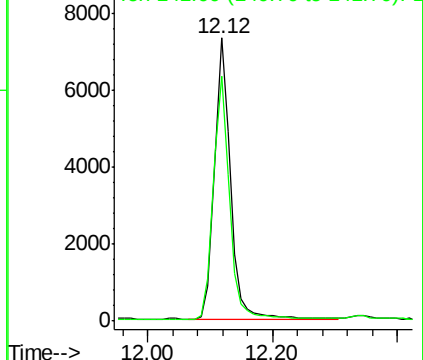
142 100

141 88.3 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#9

Acenaphthylene

Concen: 0.54 ng/ul

RT: 14.03 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM000619.D

Acq: 03 Mar 2015 16:49

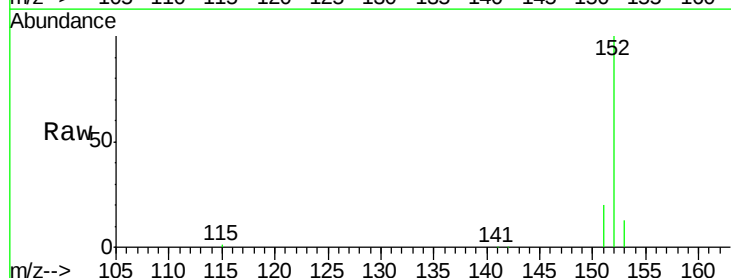
Tgt Ion:152 Resp: 17451

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

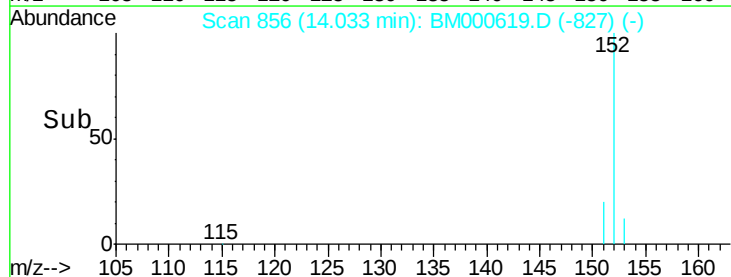
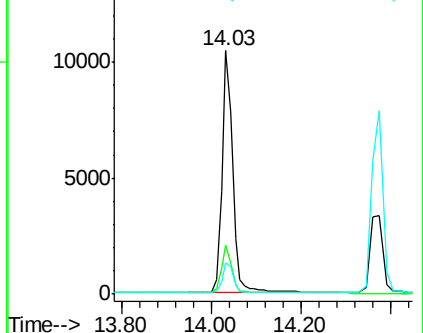
153 12.8 10.2 15.4

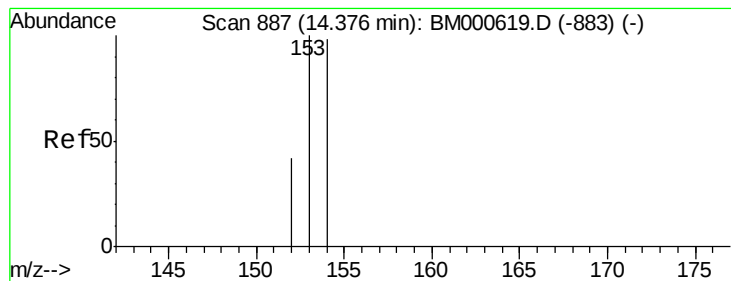


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.55 ng/ul

RT: 14.38 min Scan# 887

Delta R.T. 0.00 min

Lab File: BM000619.D

Acq: 03 Mar 2015 16:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.439

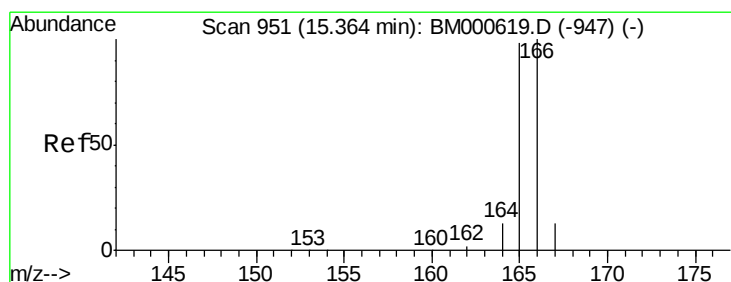
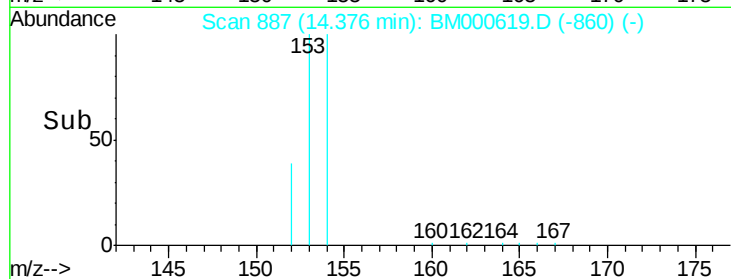
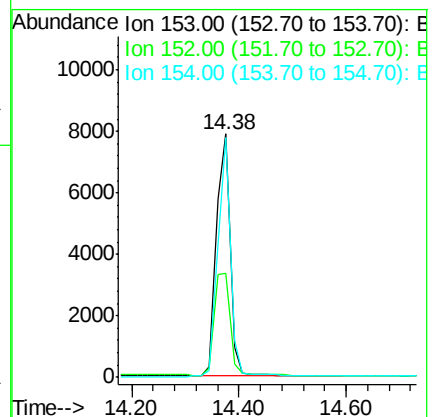
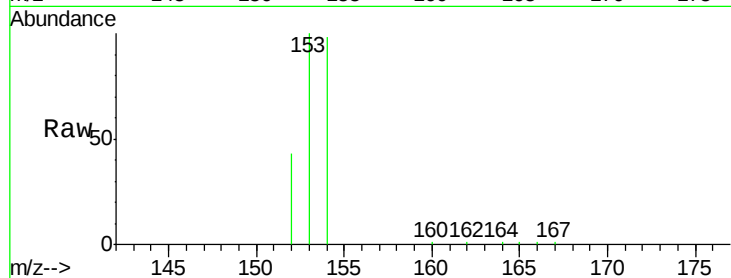
Tgt Ion:153 Resp: 13955

Ion Ratio Lower Upper

153 100

152 42.7 34.2 51.2

154 98.5 78.8 118.2



#11

Fluorene

Concen: 0.56 ng/ul

RT: 15.36 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM000619.D

Acq: 03 Mar 2015 16:49

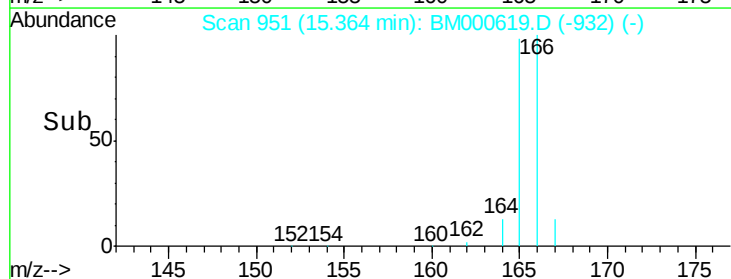
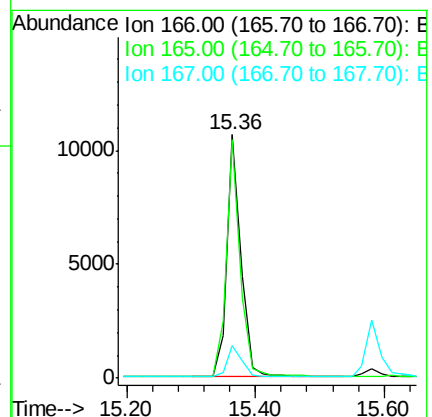
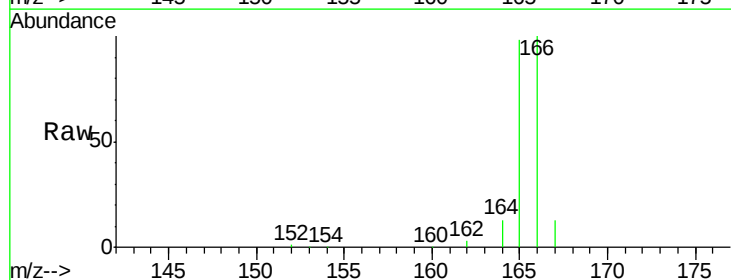
Tgt Ion:166 Resp: 16462

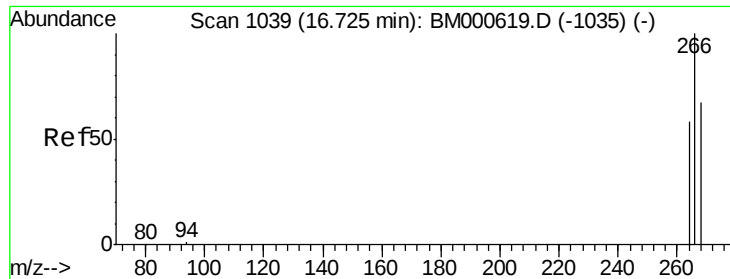
Ion Ratio Lower Upper

166 100

165 98.1 78.5 117.7

167 13.3 10.6 16.0

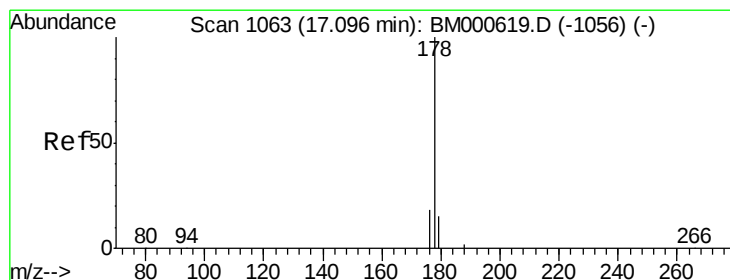
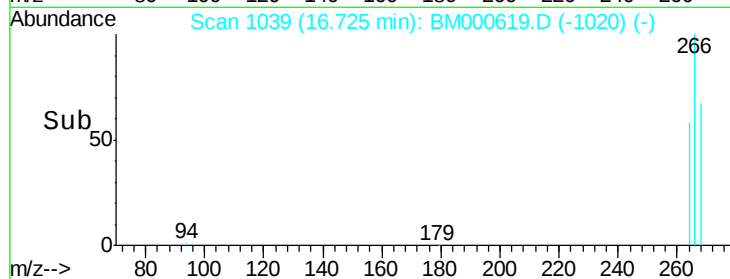
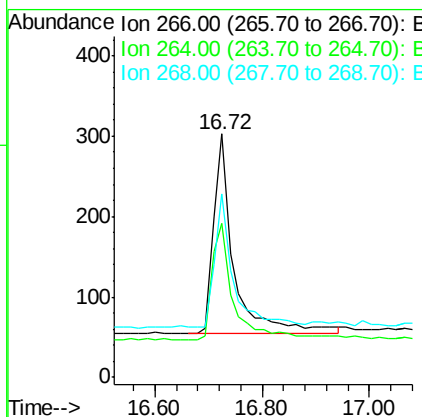
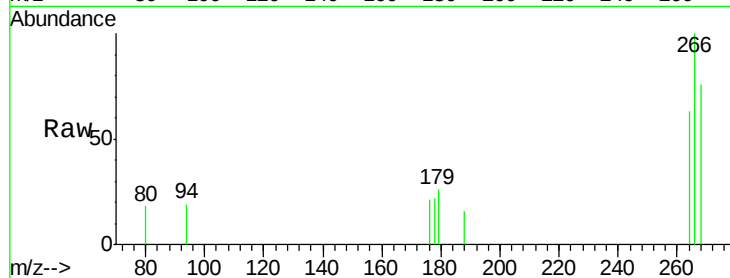




#13
 Pentachlorophenol
 Concen: 0.35 ng/ul
 RT: 16.72 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BM000619.D
 Acq: 03 Mar 2015 16:49

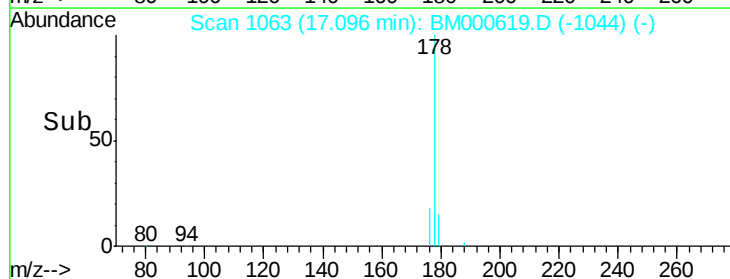
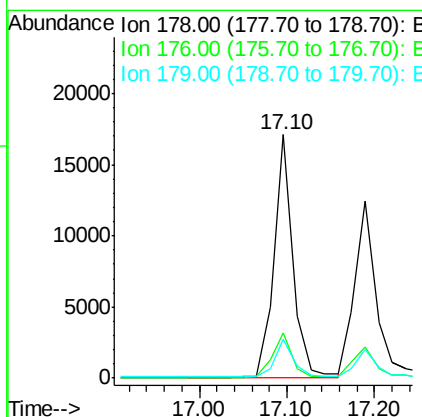
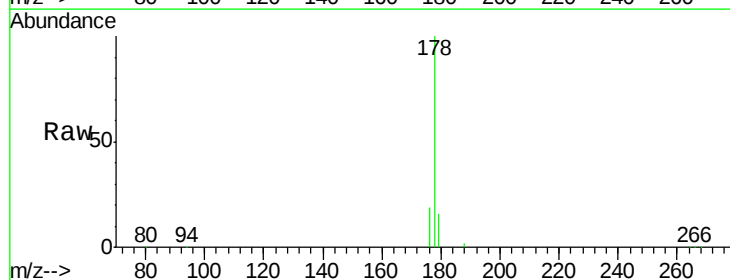
Instrument :
 BNA_M
 ClientSampleId :
 SST0.439

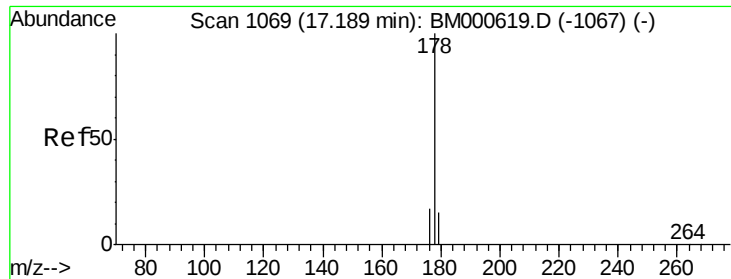
Tgt Ion: 266 Resp: 645
 Ion Ratio Lower Upper
 266 100
 264 63.4 51.0 76.4
 268 61.2 49.4 74.2



#14
 Phenanthrene
 Concen: 0.48 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BM000619.D
 Acq: 03 Mar 2015 16:49

Tgt Ion: 178 Resp: 25475
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.8 22.2
 179 15.9 12.7 19.1





#15

Anthracene

Concen: 0.47 ng/ul

RT: 17.19 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BM000619.D

Acq: 03 Mar 2015 16:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.439

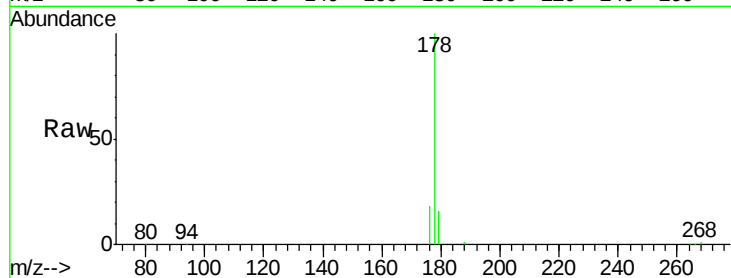
Tgt Ion:178 Resp: 21675

Ion Ratio Lower Upper

178 100

176 17.8 14.2 21.4

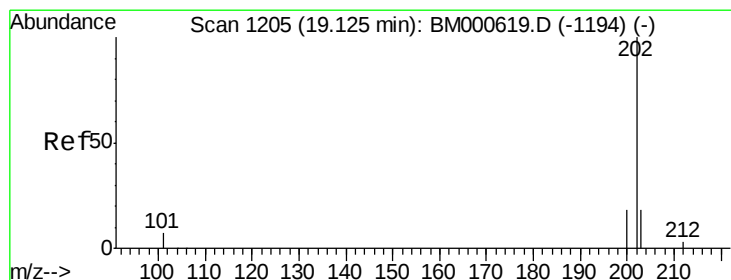
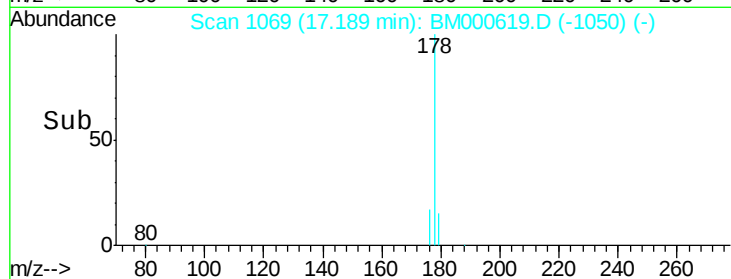
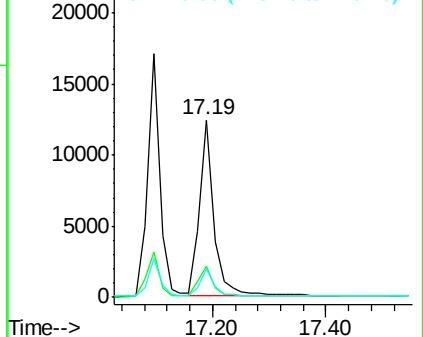
179 16.0 12.8 19.2



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



#17

Fluoranthene

Concen: 0.47 ng/ul

RT: 19.12 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BM000619.D

Acq: 03 Mar 2015 16:49

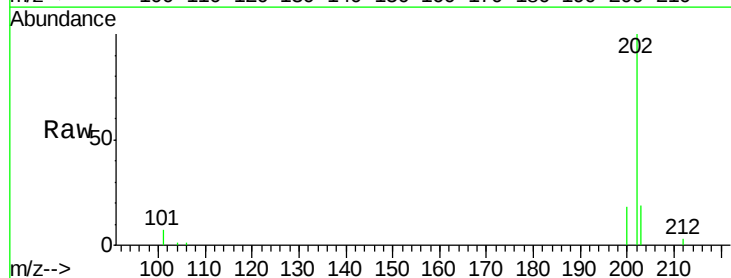
Tgt Ion:202 Resp: 26091

Ion Ratio Lower Upper

202 100

101 7.0 0.0 27.0

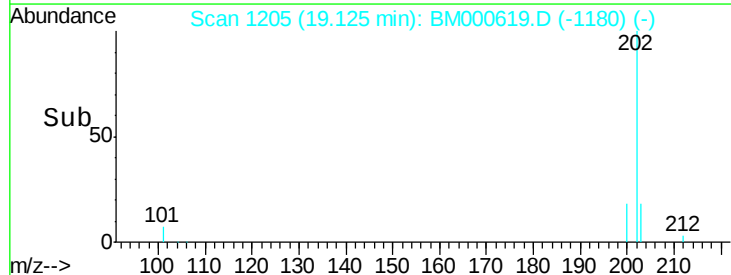
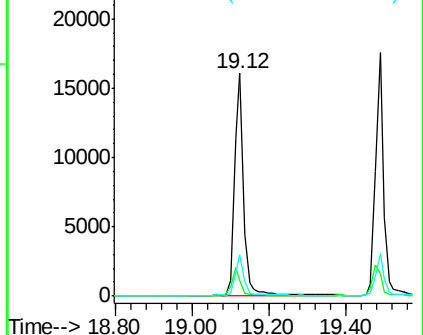
203 18.5 0.0 38.5

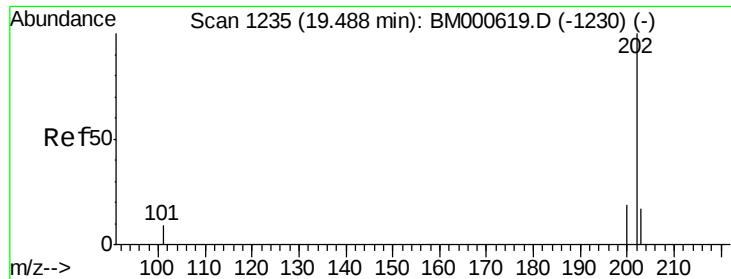


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.52 ng/ul

RT: 19.49 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM000619.D

Acq: 03 Mar 2015 16:49

Instrument :

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ClientSampleId :

SSTD0.439

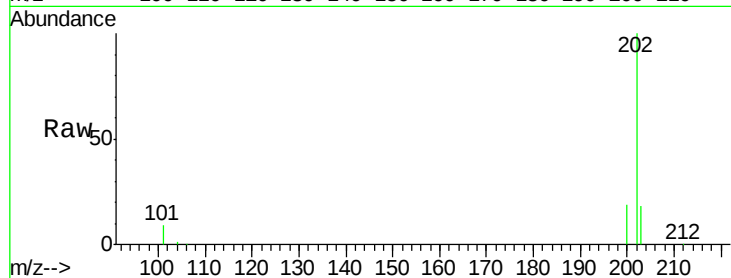
Tgt Ion:202 Resp: 25785

Ion Ratio Lower Upper

202 100

200 19.4 15.5 23.3

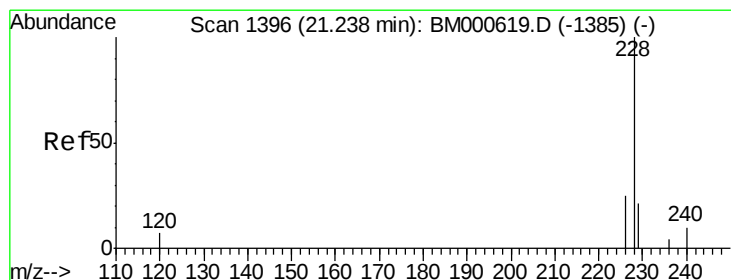
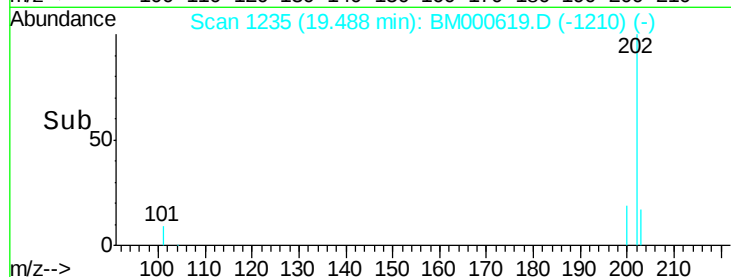
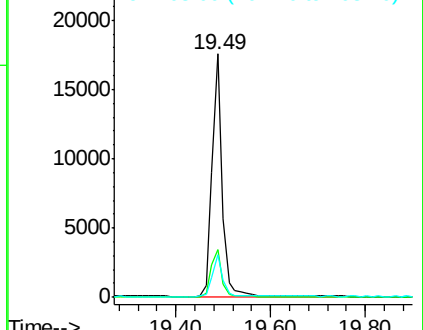
203 17.7 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#20

Benzo(a)anthracene

Concen: 0.46 ng/ul

RT: 21.24 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BM000619.D

Acq: 03 Mar 2015 16:49

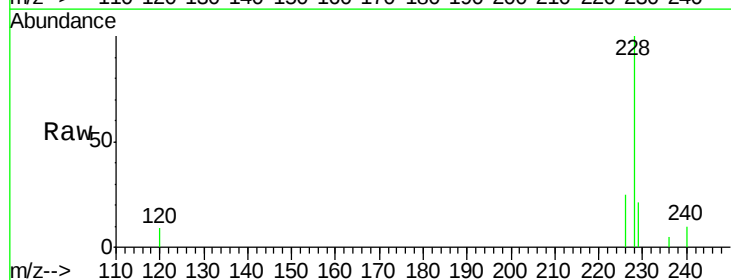
Tgt Ion:228 Resp: 15559

Ion Ratio Lower Upper

228 100

226 25.0 20.0 30.0

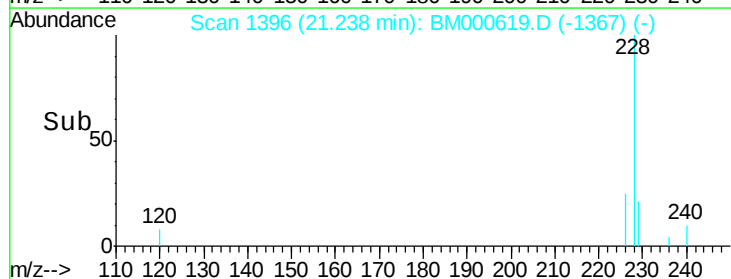
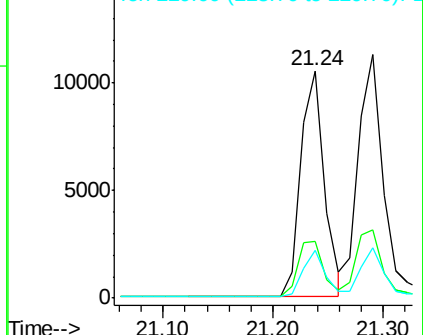
229 20.9 16.7 25.1

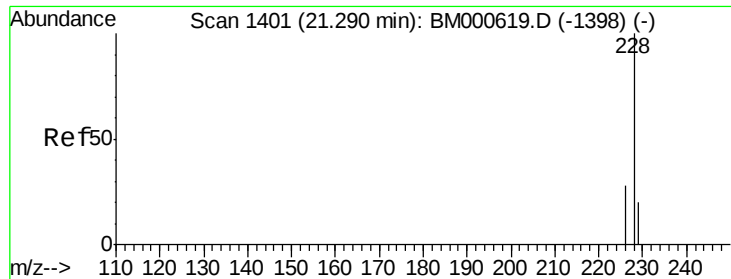


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.47 ng/ul

RT: 21.29 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BM000619.D

Acq: 03 Mar 2015 16:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.439

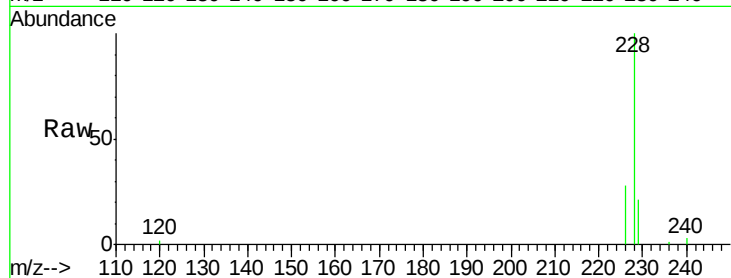
Tgt Ion:228 Resp: 19020

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

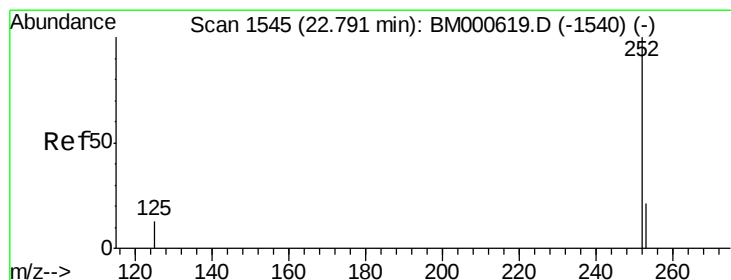
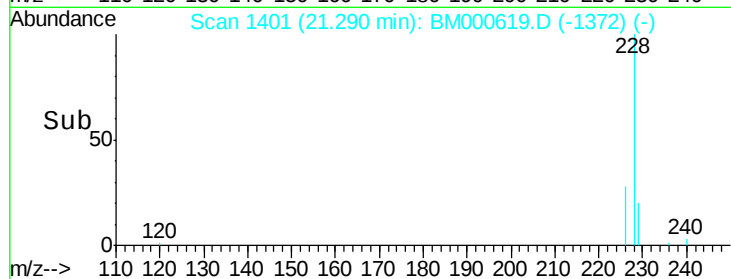
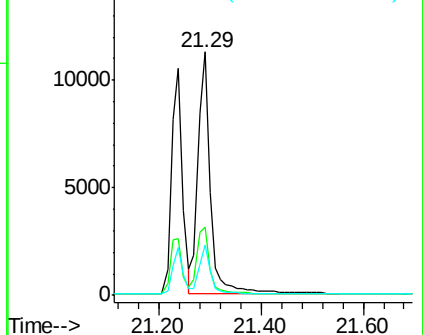
229 20.5 16.4 24.6



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



#23

Benzo(b)fluoranthene

Concen: 0.47 ng/ul

RT: 22.79 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BM000619.D

Acq: 03 Mar 2015 16:49

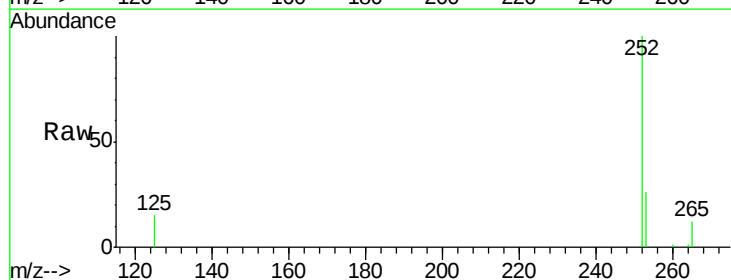
Tgt Ion:252 Resp: 13986

Ion Ratio Lower Upper

252 100

253 25.6 0.0 51.2

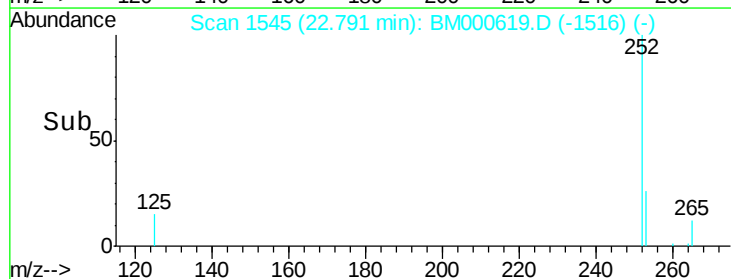
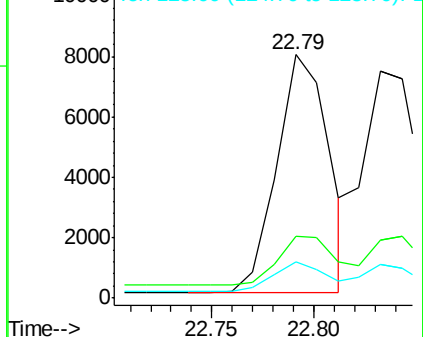
125 15.0 0.0 30.0

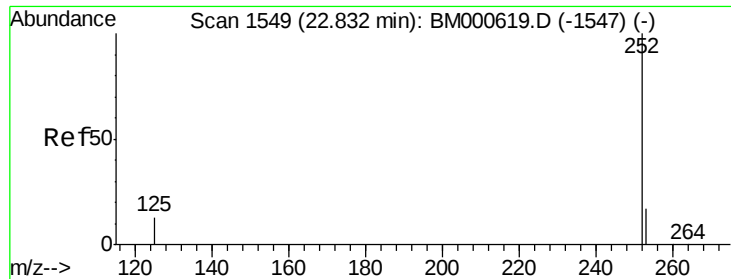


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.51 ng/ul

RT: 22.83 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BM000619.D

Acq: 03 Mar 2015 16:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.439

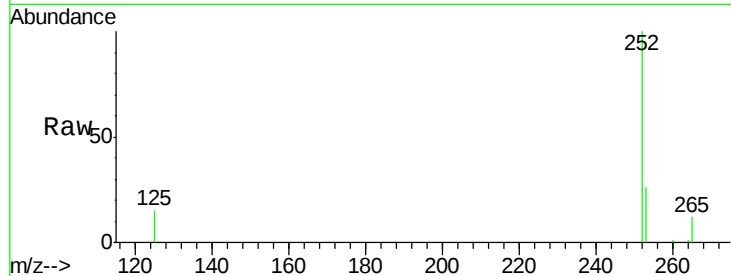
Tgt Ion:252 Resp: 15679

Ion Ratio Lower Upper

252 100

253 25.6 20.5 30.7

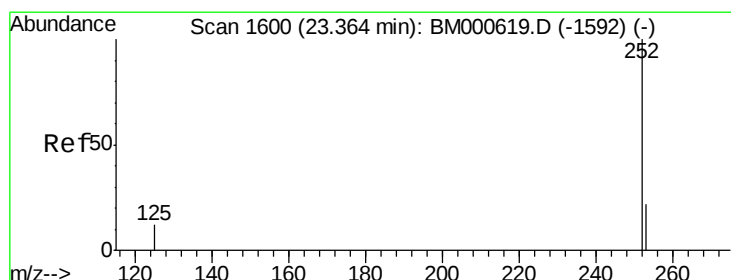
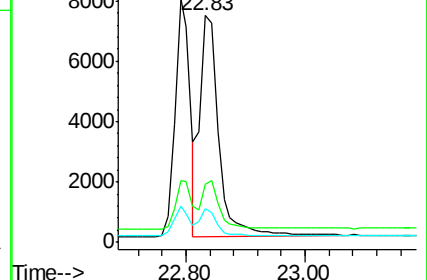
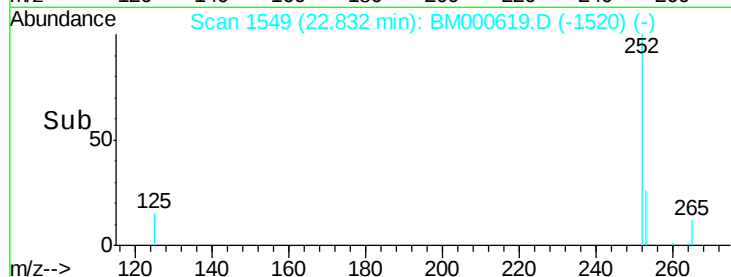
125 14.7 11.8 17.6



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



#25

Benzo(a)pyrene

Concen: 0.46 ng/ul

RT: 23.36 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BM000619.D

Acq: 03 Mar 2015 16:49

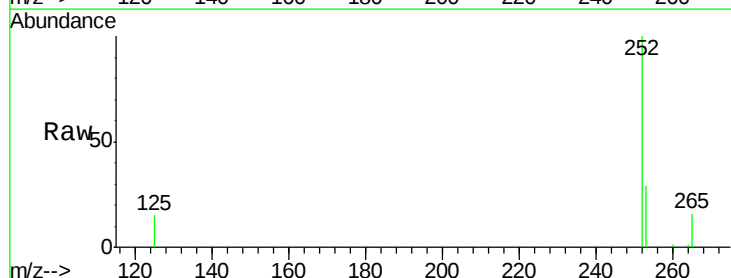
Tgt Ion:252 Resp: 13244

Ion Ratio Lower Upper

252 100

253 29.2 23.4 35.0

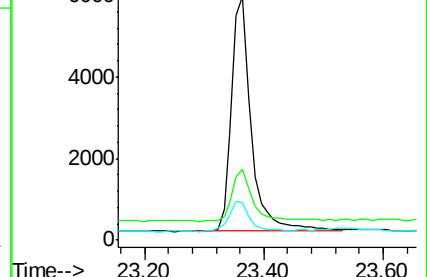
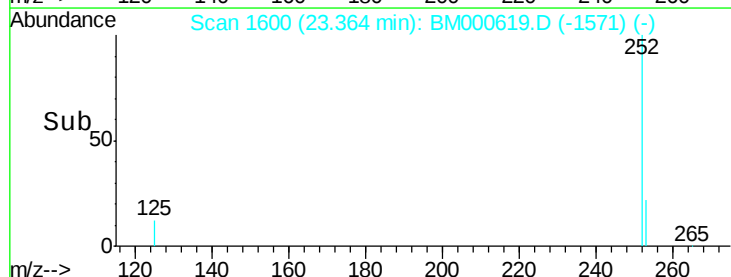
125 15.3 12.2 18.4

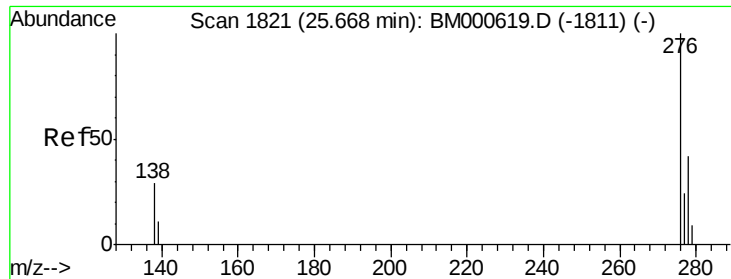


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

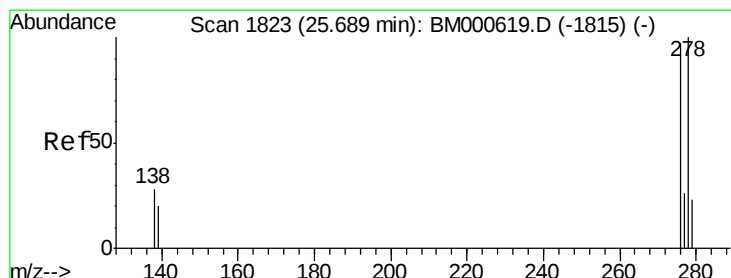
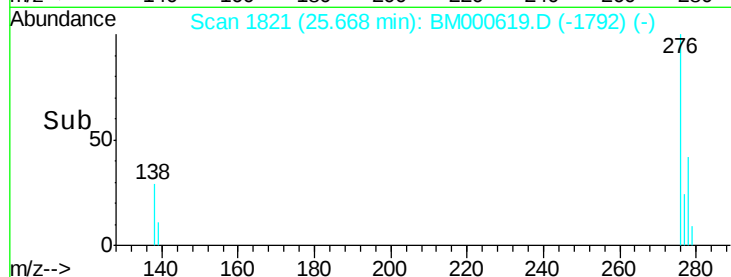
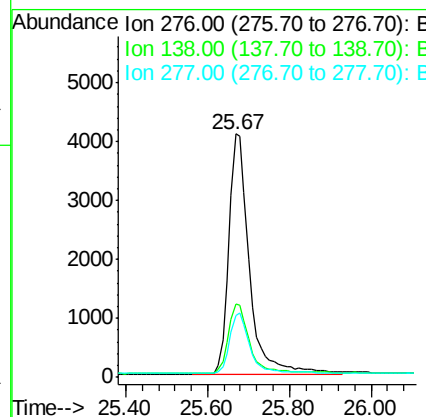
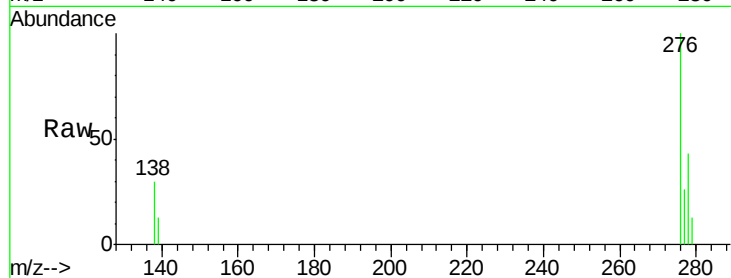




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.46 ng/ul
 RT: 25.67 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BM000619.D
 Acq: 03 Mar 2015 16:49

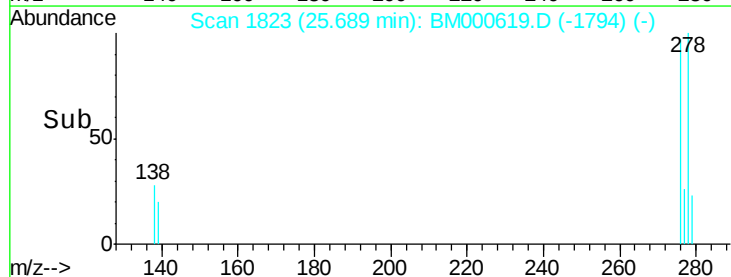
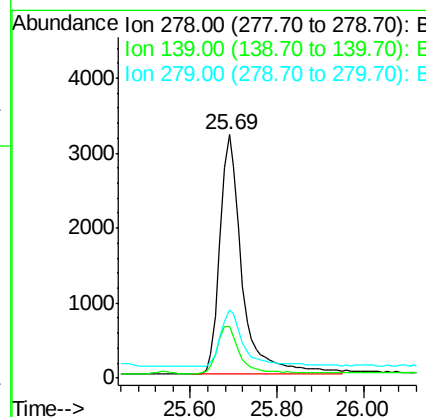
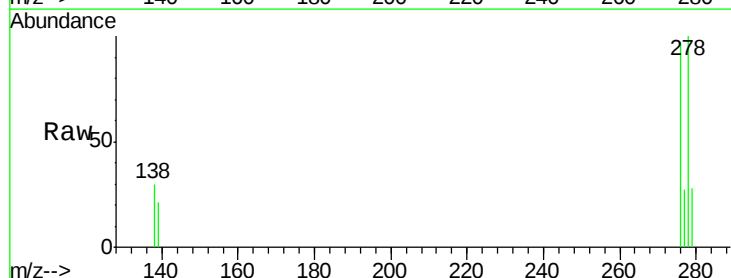
Instrument :
 BNA_M
 ClientSampleId :
 SST0.439

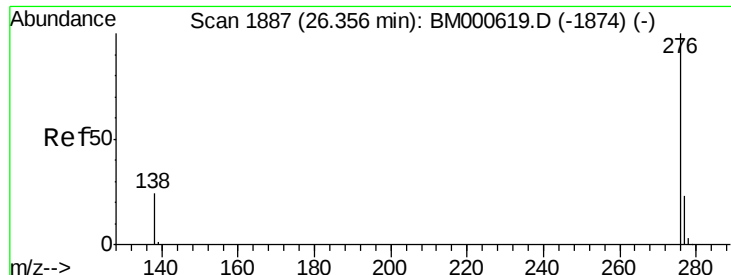
Tgt Ion: 276 Resp: 14362
 Ion Ratio Lower Upper
 276 100
 138 29.8 23.8 35.8
 277 24.6 19.7 29.5



#27
 Dibenzo(a,h)anthracene
 Concen: 0.45 ng/ul
 RT: 25.69 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BM000619.D
 Acq: 03 Mar 2015 16:49

Tgt Ion: 278 Resp: 11308
 Ion Ratio Lower Upper
 278 100
 139 21.3 17.0 25.6
 279 27.9 22.3 33.5





#28

Benzo(g,h,i)perylene

Concen: 0.46 ng/ul

RT: 26.36 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BM000619.D

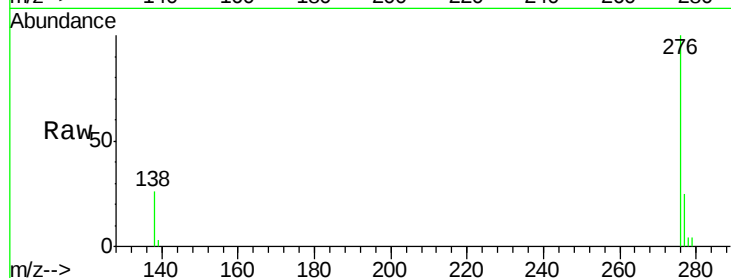
Acq: 03 Mar 2015 16:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.439



Tgt Ion: 276 Resp: 12760

Ion Ratio Lower Upper

276 100

277 24.9 19.9 29.9

138 25.7 20.6 30.8

