

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031615\
 Data File : BM000716.D
 Acq On : 16 Mar 2015 14:31
 Operator : TP/IZ
 Sample : SSTD3.288
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.288

Quant Time: Mar 17 03:37:34 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM031615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 04:25:21 2015
 Response via : Initial Calibration

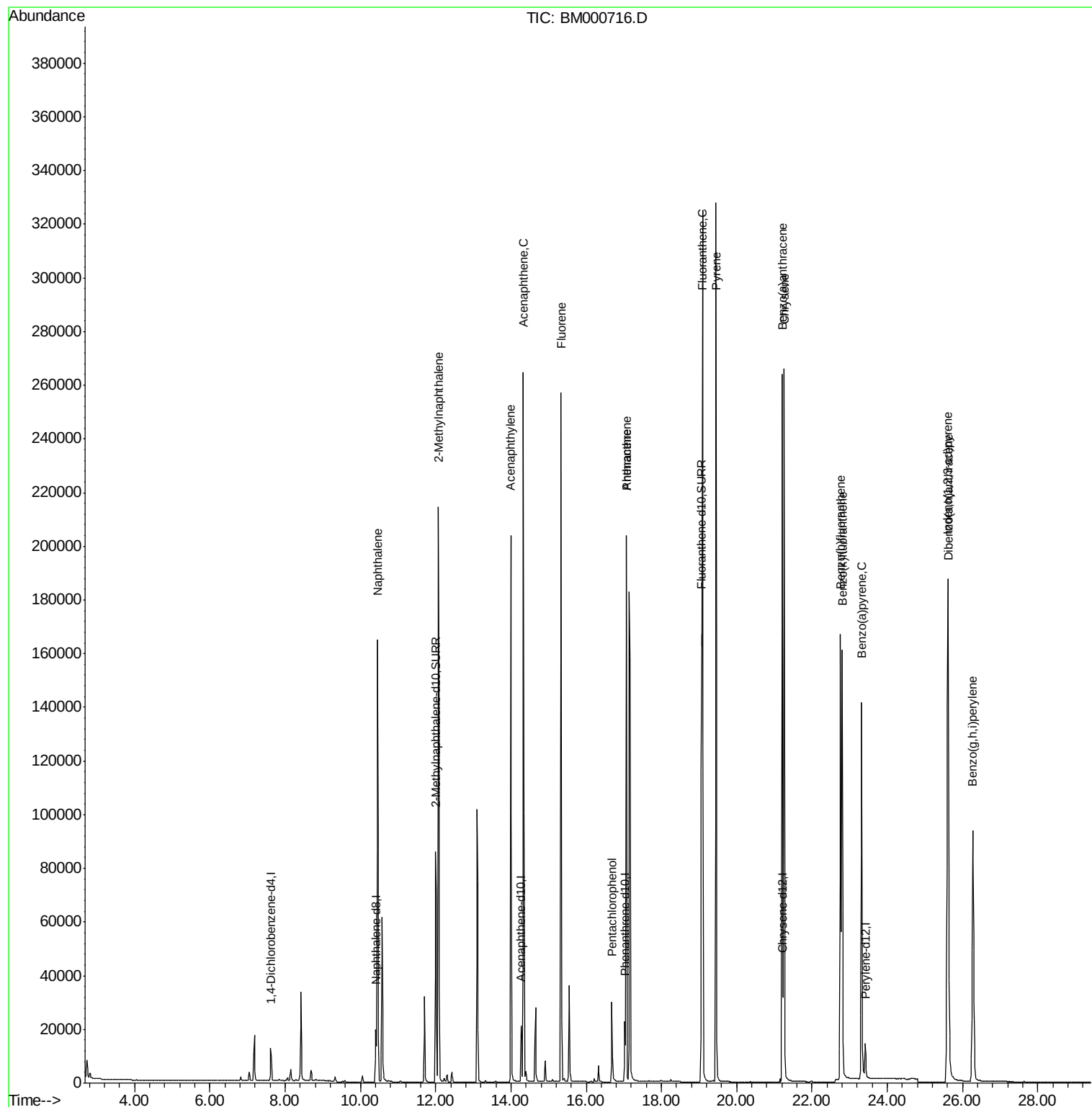
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	7142	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.41	136	25711	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	13232	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	26548	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	21252	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	16820	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	109780	3.29	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	191554	3.25	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	222590	3.25	ng/ul	100
5) 2-Methylnaphthalene	12.08	142	152405	3.33	ng/ul	100
7) Acenaphthylene	14.00	152	234277	4.03	ng/ul	100
8) Acenaphthene	14.33	153	161001	3.64	ng/ul	98
9) Fluorene	15.34	166	182898	3.52	ng/ul	98
11) Pentachlorophenol	16.68	266	21183	7.20	ng/ul	99
12) Phenanthrene	17.07	178	271725	3.43	ng/ul	99
13) Anthracene	17.07	178	271725	3.78	ng/ul	99
15) Fluoranthene	19.09	202	293500	3.26	ng/ul	99
17) Pyrene	19.45	202	293733	3.54	ng/ul	99
18) Benzo(a)anthracene	21.21	228	232337	3.54	ng/ul	99
19) Chrysene	21.26	228	242119	3.10	ng/ul	100
21) Benzo(b)fluoranthene	22.75	252	208474	3.22	ng/ul	93
22) Benzo(k)fluoranthene	22.80	252	222034	3.65	ng/ul	97
23) Benzo(a)pyrene	23.31	252	198103	3.42	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.61	276	214982	3.43	ng/ul	99
25) Dibenzo(a,h)anthracene	25.62	278	174117	3.48	ng/ul	96
26) Benzo(g,h,i)perylene	26.27	276	182915	3.30	ng/ul	99

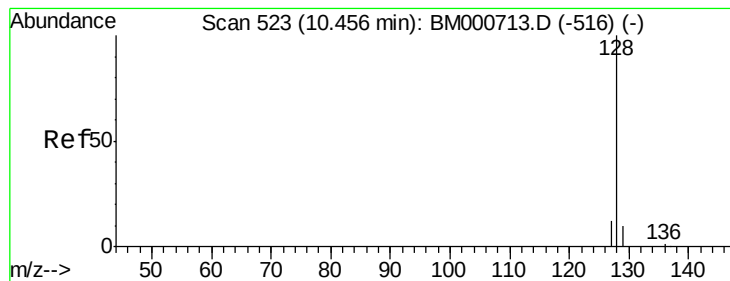
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 17 04:25:21 2015
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#3

Naphthalene

Concen: 3.25 ng/ul

RT: 10.46 min Scan# 523

Delta R.T. -0.00 min

Lab File: BM000716.D

Acq: 16 Mar 2015 14:31

Instrument :

BNA_M

ClientSampleId :

SSTD3.288

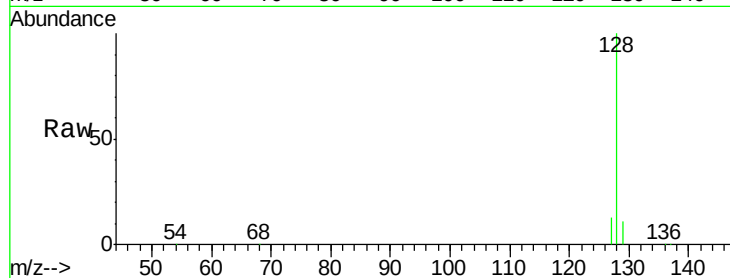
Tgt Ion:128 Resp: 222590

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

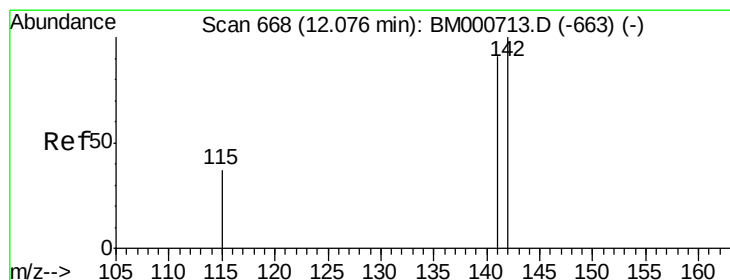
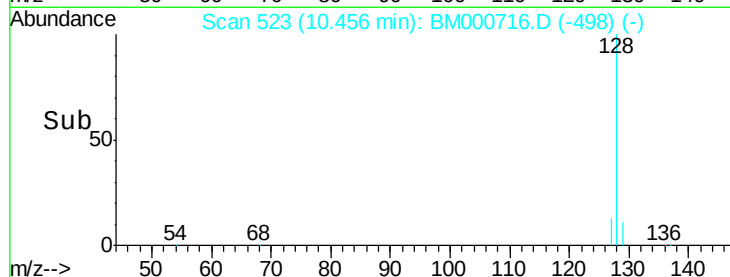
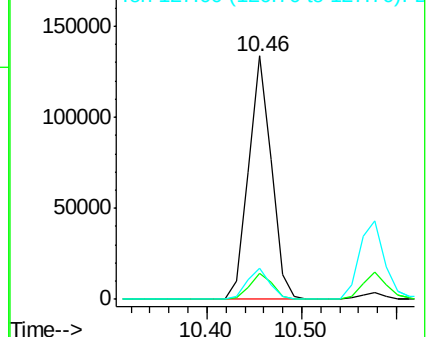
127 12.5 10.2 15.2



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: 3.33 ng/ul

RT: 12.08 min Scan# 668

Delta R.T. -0.00 min

Lab File: BM000716.D

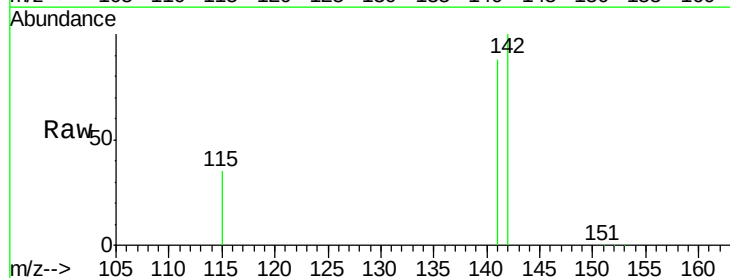
Acq: 16 Mar 2015 14:31

Tgt Ion:142 Resp: 152405

Ion Ratio Lower Upper

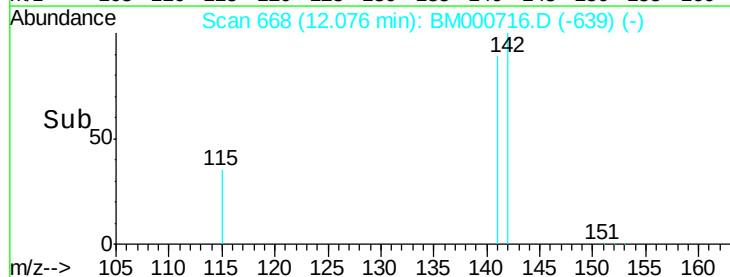
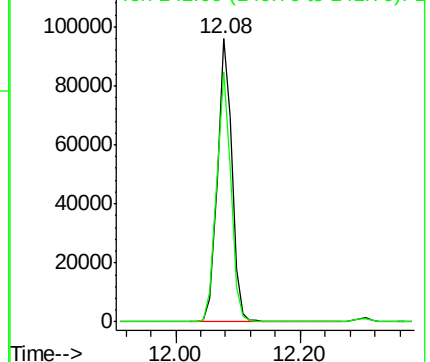
142 100

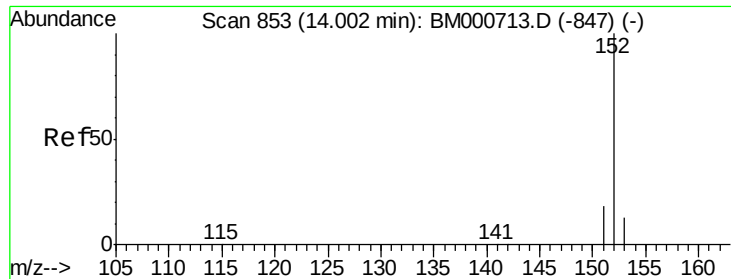
141 87.8 69.9 104.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 4.03 ng/ul

RT: 14.00 min Scan# 853

Delta R.T. -0.00 min

Lab File: BM000716.D

Acq: 16 Mar 2015 14:31

Instrument :

BNA_M

ClientSampleId :

SSTD3.288

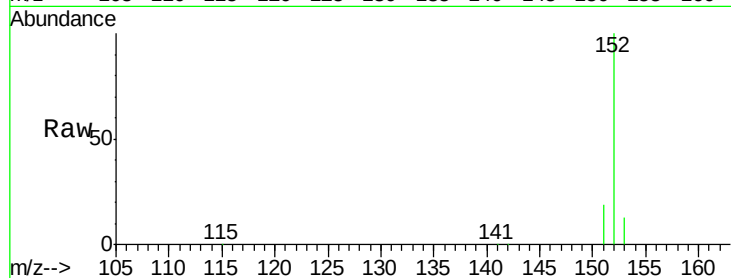
Tgt Ion:152 Resp: 234277

Ion Ratio Lower Upper

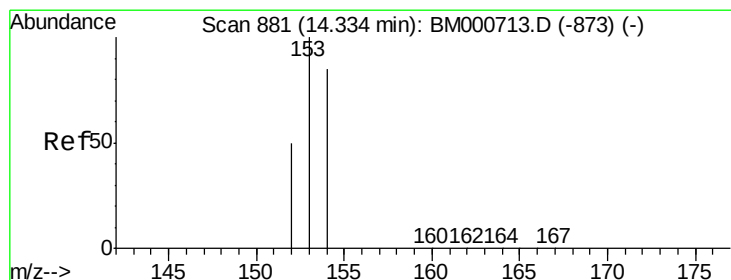
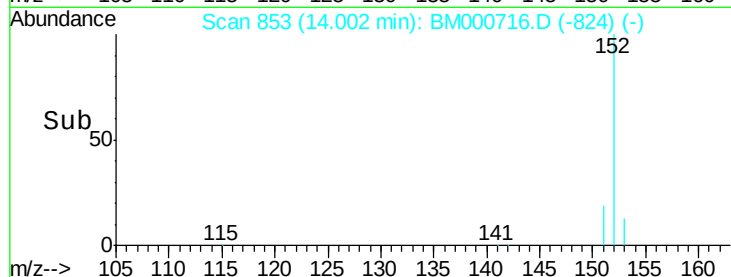
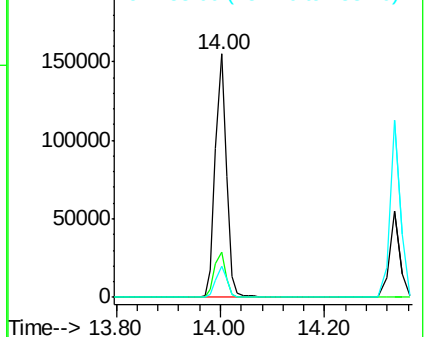
152 100

151 18.6 15.0 22.4

153 12.9 10.5 15.7



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: 3.64 ng/ul

RT: 14.33 min Scan# 881

Delta R.T. -0.00 min

Lab File: BM000716.D

Acq: 16 Mar 2015 14:31

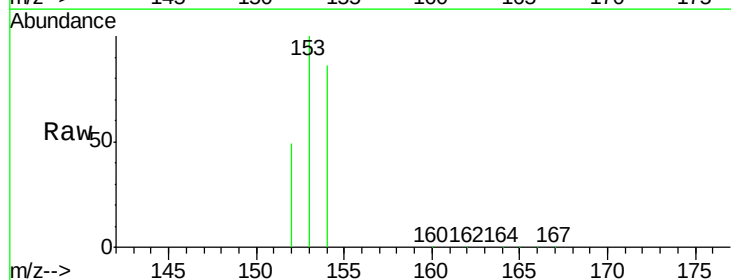
Tgt Ion:153 Resp: 161001

Ion Ratio Lower Upper

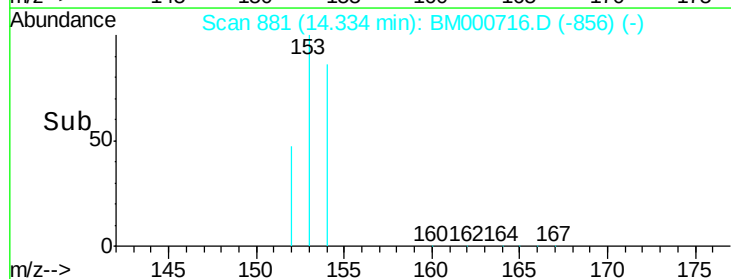
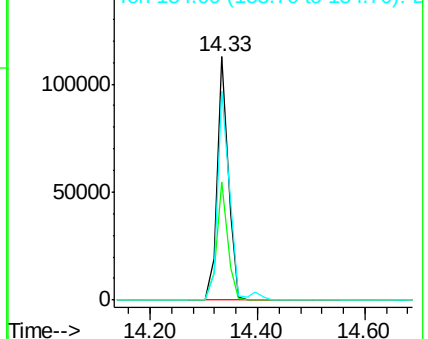
153 100

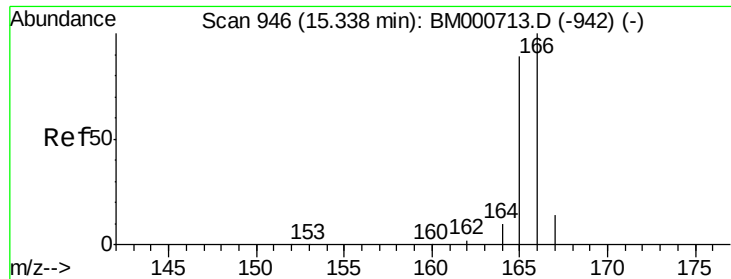
152 48.6 40.2 60.4

154 86.1 68.0 102.0



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

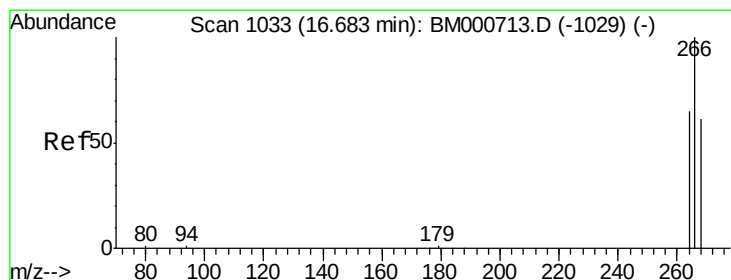
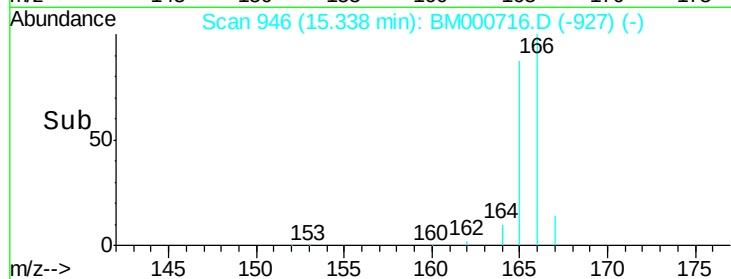
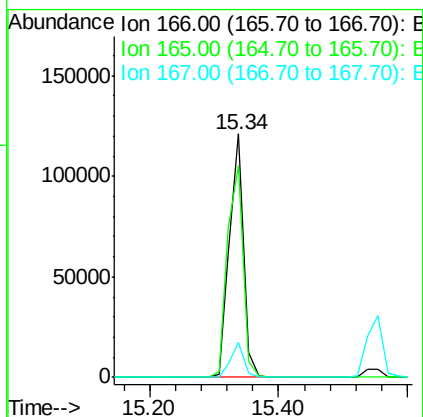
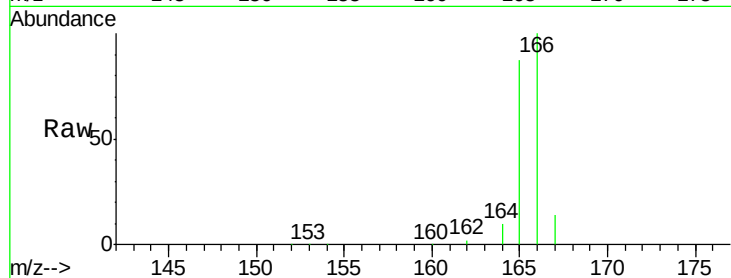




#9
Fluorene
 Concen: 3.52 ng/ul
 RT: 15.34 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BM000716.D
 Acq: 16 Mar 2015 14:31

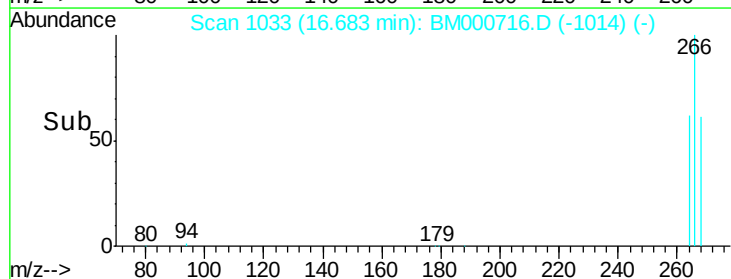
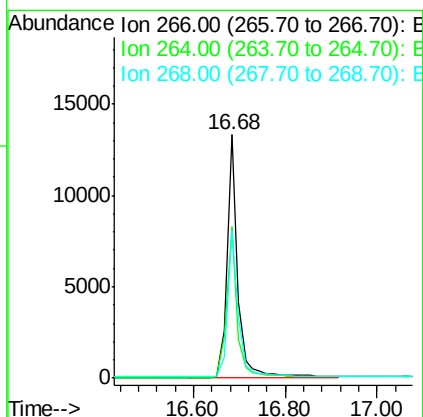
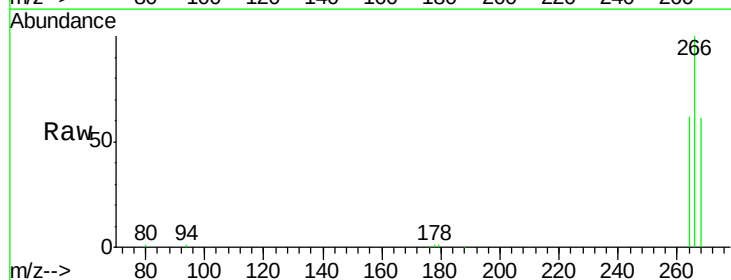
Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.288

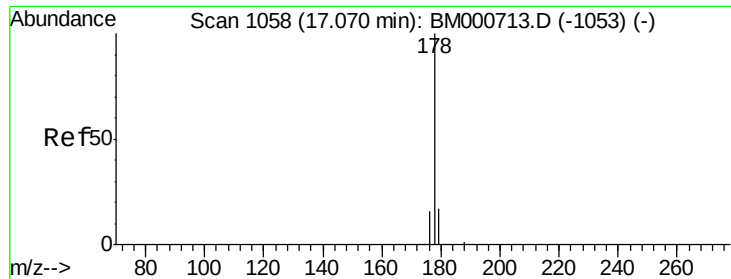
Tgt Ion:166 Resp: 182898
 Ion Ratio Lower Upper
 166 100
 165 86.7 71.0 106.4
 167 14.2 11.4 17.2



#11
Pentachlorophenol
 Concen: 7.20 ng/ul
 RT: 16.68 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BM000716.D
 Acq: 16 Mar 2015 14:31

Tgt Ion:266 Resp: 21183
 Ion Ratio Lower Upper
 266 100
 264 62.4 50.3 75.5
 268 62.4 50.5 75.7





#12

Phenanthrene

Concen: 3.43 ng/ul

RT: 17.07 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BM000716.D

Acq: 16 Mar 2015 14:31

Instrument :

BNA_M

ClientSampleId :

SSTD3.288

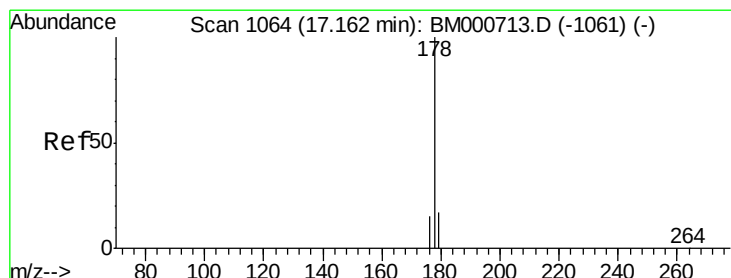
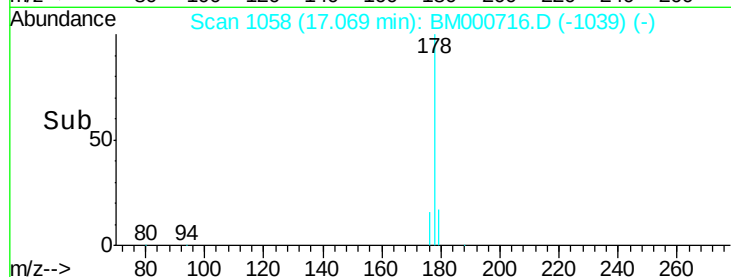
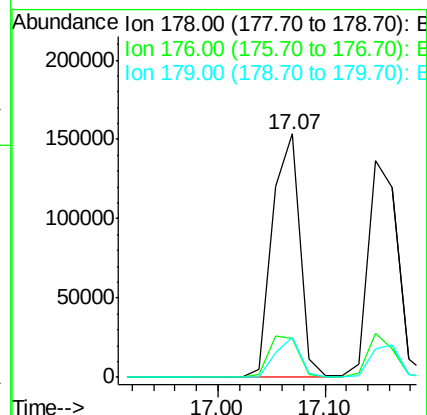
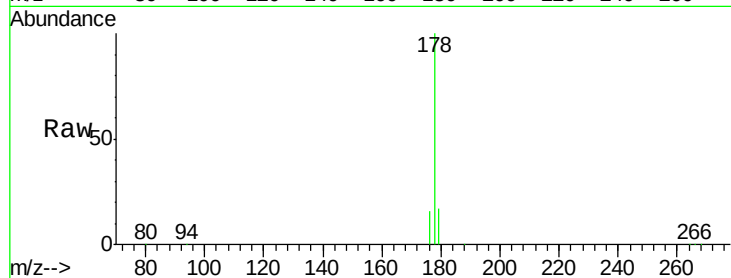
Tgt Ion:178 Resp: 271725

Ion Ratio Lower Upper

178 100

176 16.0 13.1 19.7

179 16.6 13.4 20.2



#13

Anthracene

Concen: 3.78 ng/ul

RT: 17.07 min Scan# 1058

Delta R.T. -0.09 min

Lab File: BM000716.D

Acq: 16 Mar 2015 14:31

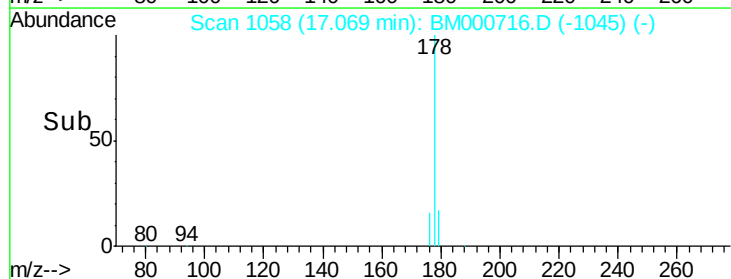
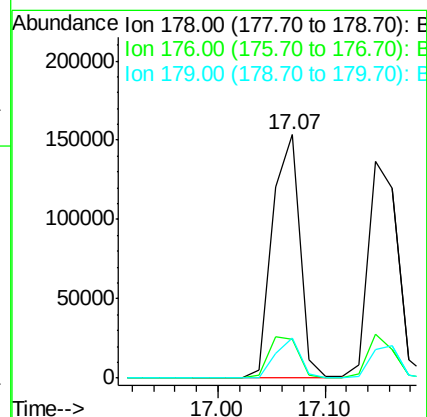
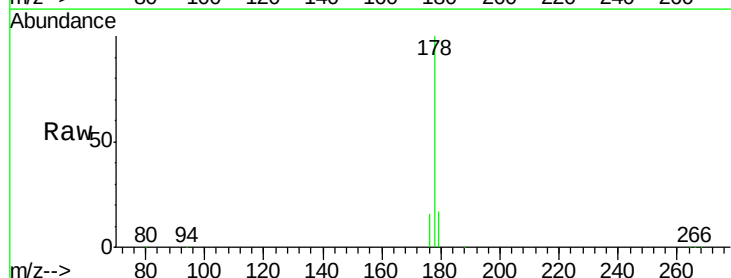
Tgt Ion:178 Resp: 271725

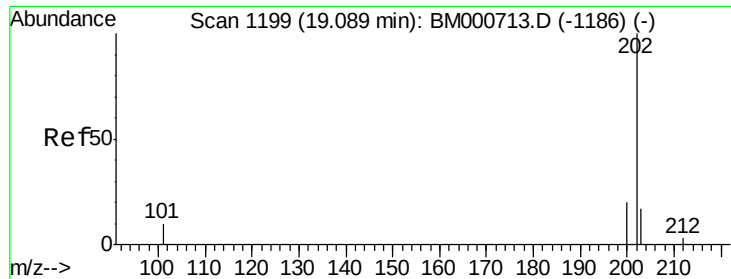
Ion Ratio Lower Upper

178 100

176 16.0 12.5 18.7

179 16.6 13.9 20.9





#15

Fluoranthene

Concen: 3.26 ng/ul

RT: 19.09 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BM000716.D

Acq: 16 Mar 2015 14:31

Instrument :

BNA_M

ClientSampleId :

SSTD3.288

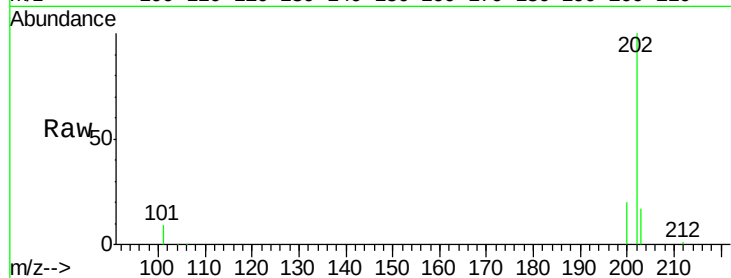
Tgt Ion:202 Resp: 293500

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.9

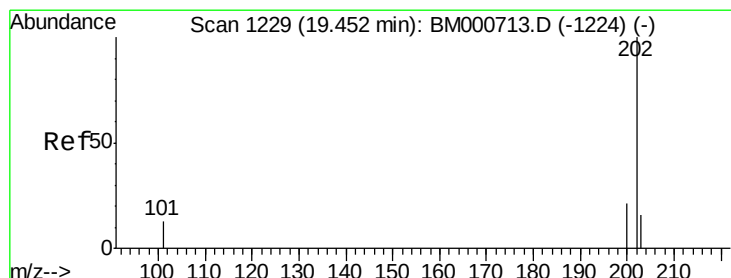
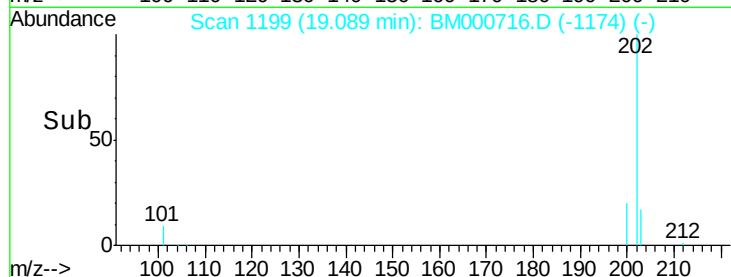
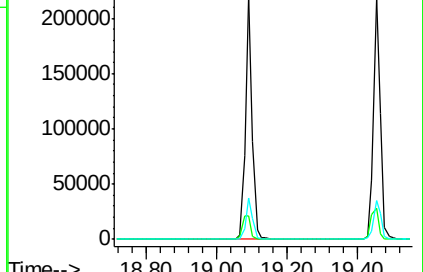
203 16.7 0.0 36.9



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



#17

Pyrene

Concen: 3.54 ng/ul

RT: 19.45 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BM000716.D

Acq: 16 Mar 2015 14:31

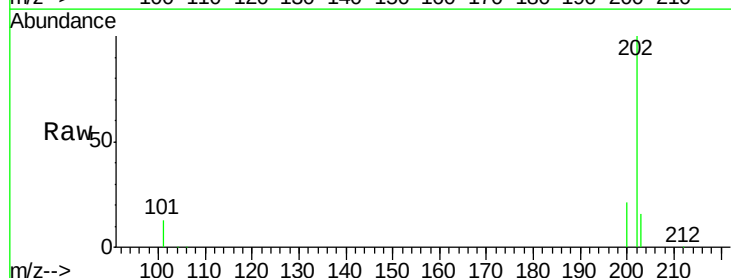
Tgt Ion:202 Resp: 293733

Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

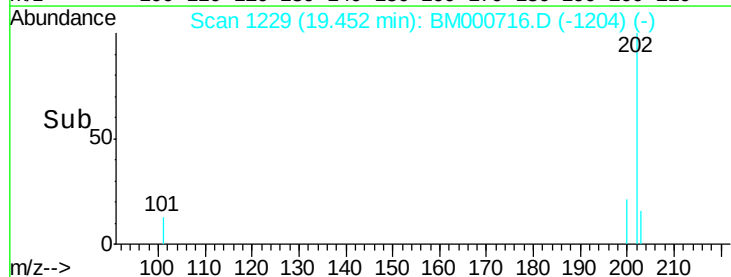
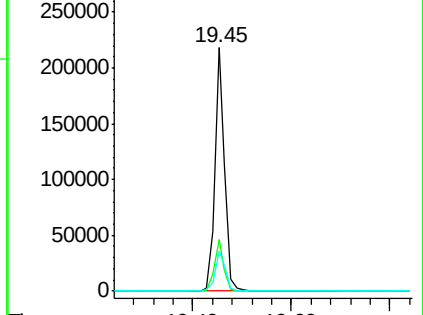
203 16.3 13.1 19.7

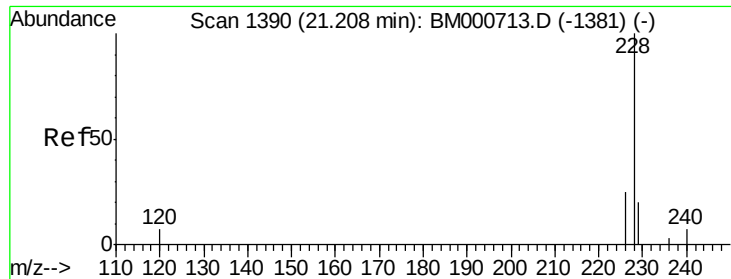


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 3.54 ng/ul

RT: 21.21 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BM000716.D

Acq: 16 Mar 2015 14:31

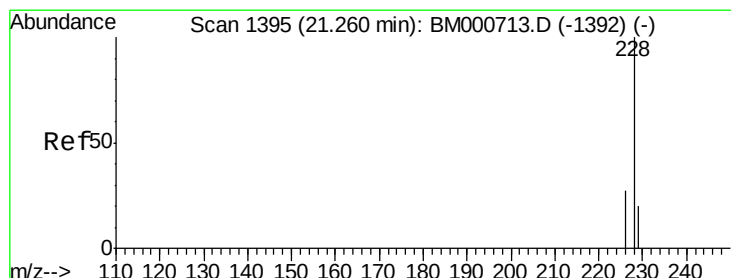
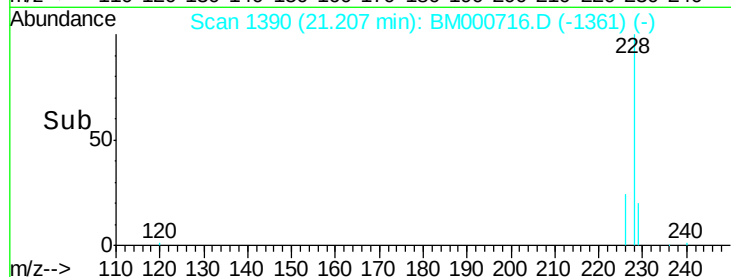
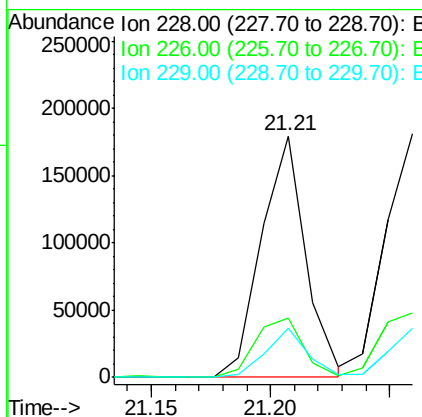
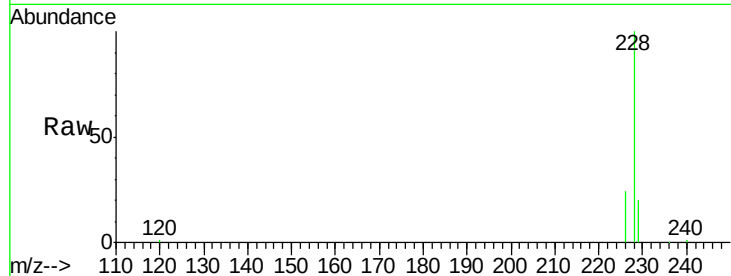
Instrument :

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ClientSampleId :

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Tgt Ion:	228	Resp:	232337
Ion	Ratio	Lower	Upper
228	100		
226	24.4	19.9	29.9
229	20.4	15.9	23.9



#19

Chrysene

Concen: 3.10 ng/ul

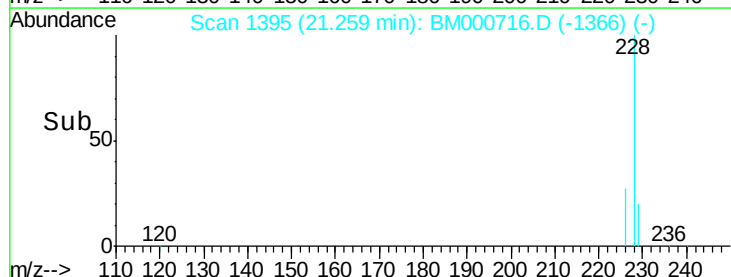
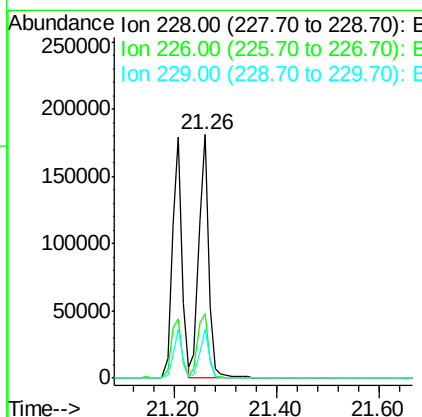
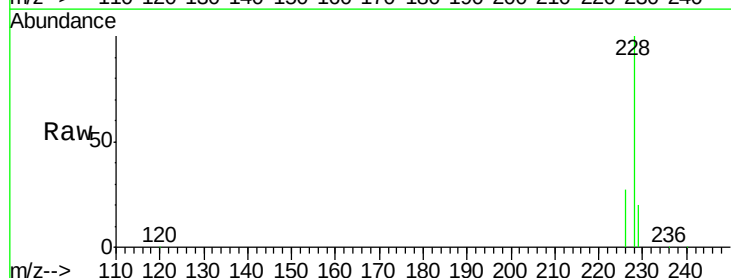
RT: 21.26 min Scan# 1395

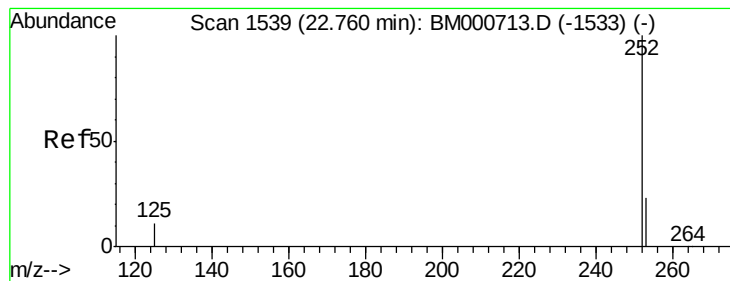
Delta R.T. -0.00 min

Lab File: BM000716.D

Acq: 16 Mar 2015 14:31

Tgt Ion:	228	Resp:	242119
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	20.0	16.2	24.4





#21

Benzo(b)fluoranthene

Concen: 3.22 ng/ul

RT: 22.75 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BM000716.D

Acq: 16 Mar 2015 14:31

Instrument :

BNA_M

ClientSampleId :

SSTD3.288

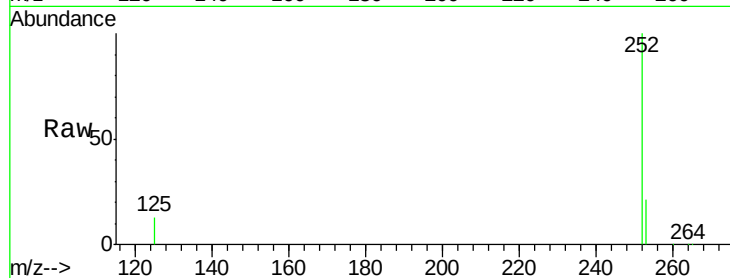
Tgt Ion:252 Resp: 208474

Ion Ratio Lower Upper

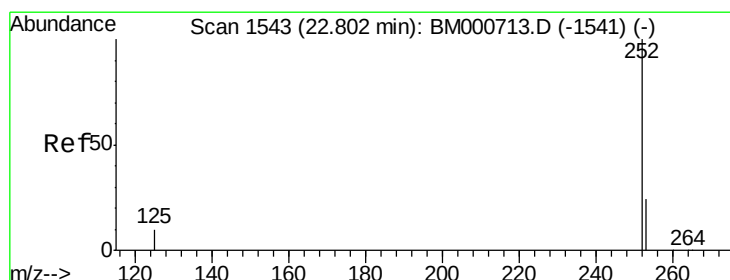
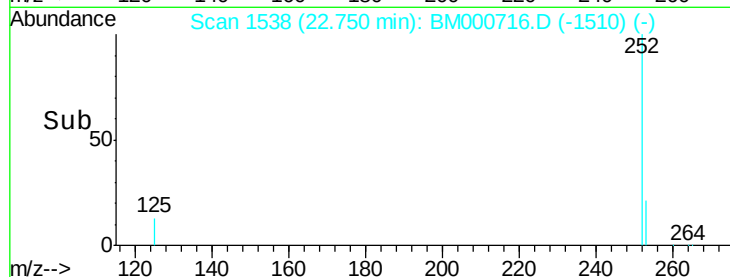
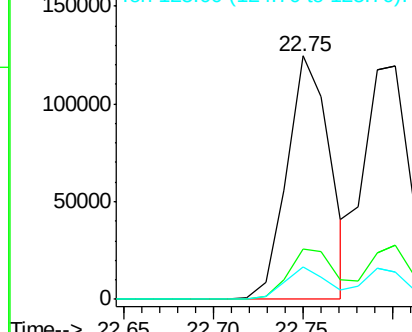
252 100

253 20.6 0.0 50.4

125 13.2 0.0 24.2



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: 3.65 ng/ul

RT: 22.80 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BM000716.D

Acq: 16 Mar 2015 14:31

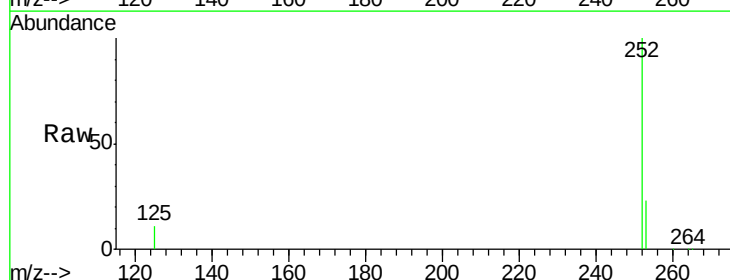
Tgt Ion:252 Resp: 222034

Ion Ratio Lower Upper

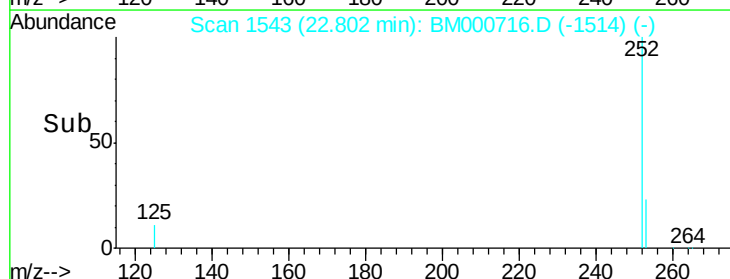
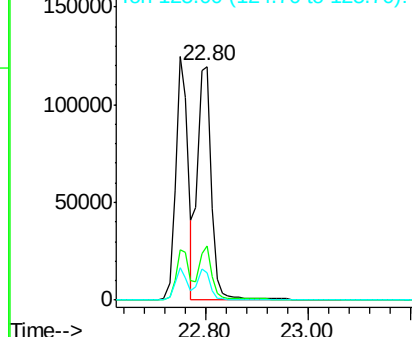
252 100

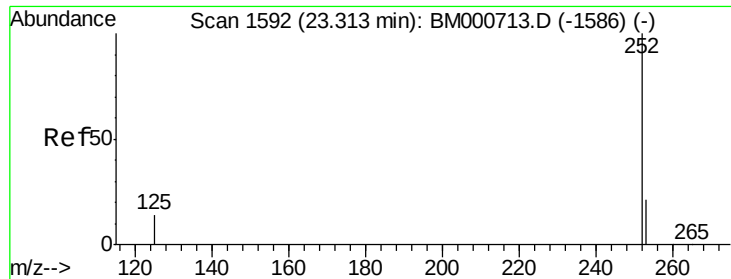
253 23.1 19.7 29.5

125 11.4 10.1 15.1



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: 3.42 ng/ul

RT: 23.31 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM000716.D

Acq: 16 Mar 2015 14:31

Instrument :

BNA_M

ClientSampleId :

SSTD3.288

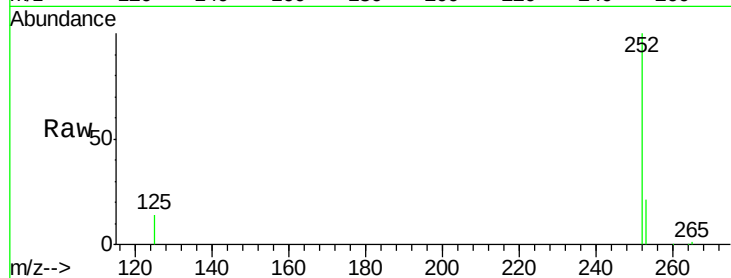
Tgt Ion:252 Resp: 198103

Ion Ratio Lower Upper

252 100

253 21.5 19.0 28.4

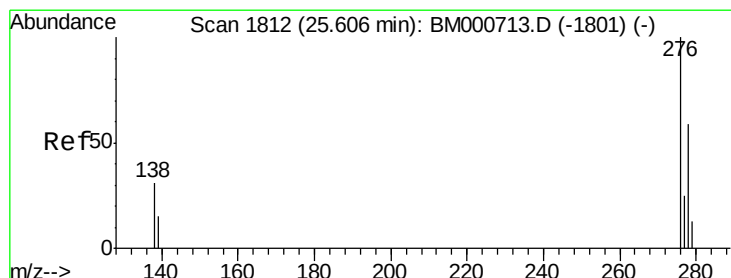
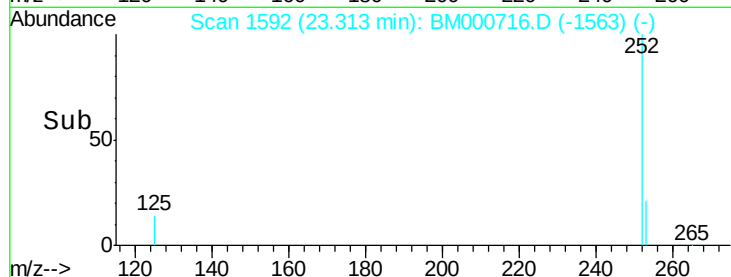
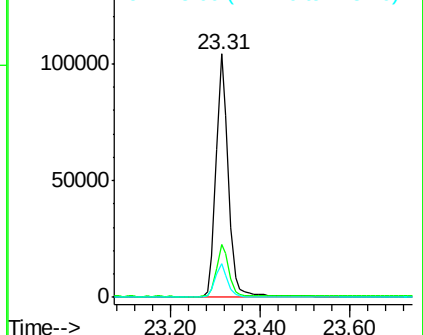
125 13.9 11.9 17.9



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: 3.43 ng/ul

RT: 25.61 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BM000716.D

Acq: 16 Mar 2015 14:31

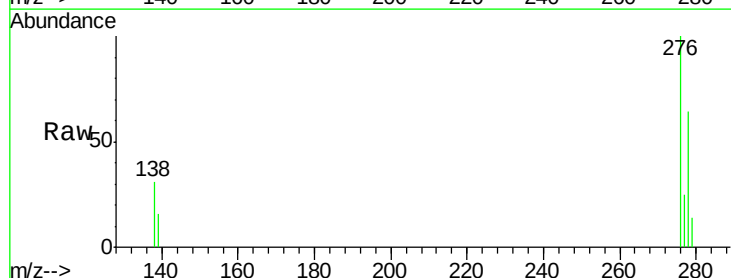
Tgt Ion:276 Resp: 214982

Ion Ratio Lower Upper

276 100

138 32.3 25.3 37.9

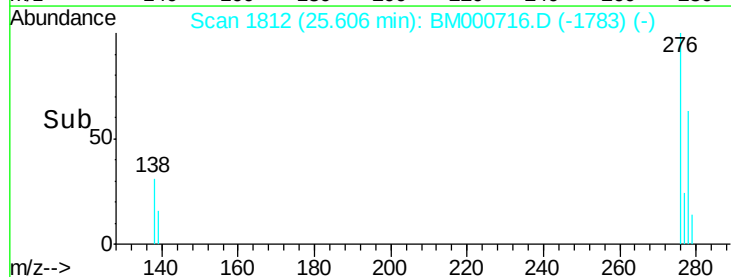
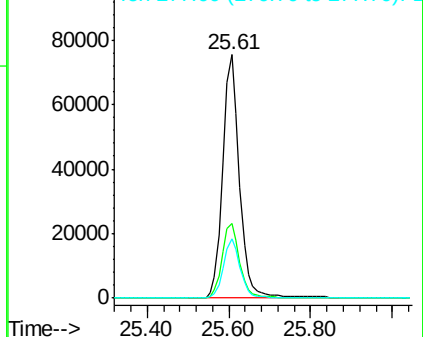
277 24.6 19.8 29.8

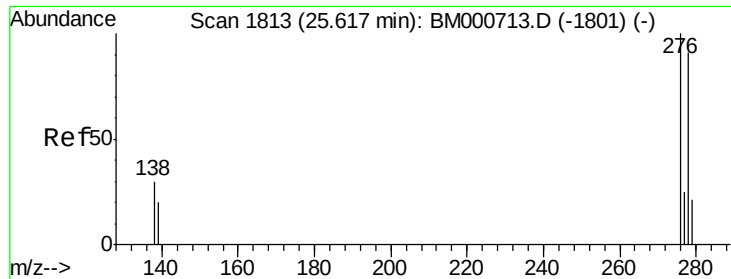


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

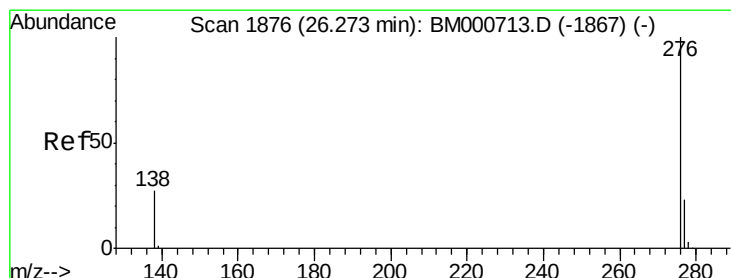
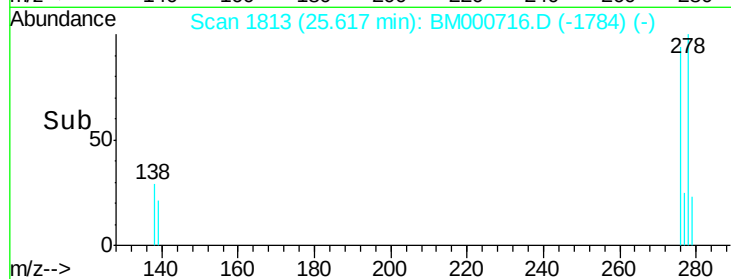
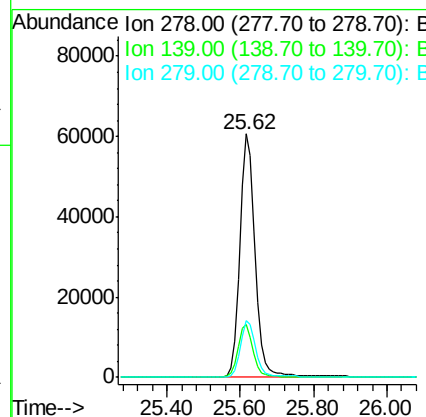
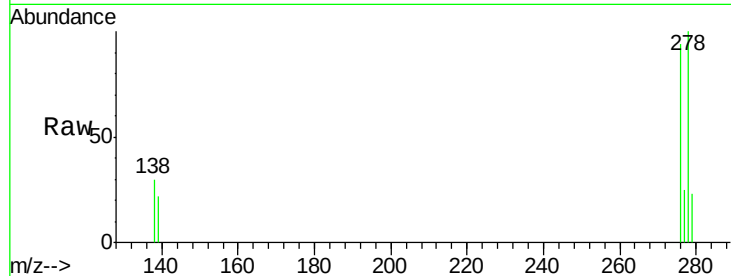




#25
Dibenzo(a,h)anthracene
Concen: 3.48 ng/ul
RT: 25.62 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BM000716.D
Acq: 16 Mar 2015 14:31

Instrument :
BNA_M
ClientSampleId :
SSTD3.288

Tgt Ion: 278 Resp: 174117
Ion Ratio Lower Upper
278 100
139 21.5 18.4 27.6
279 23.4 20.3 30.5



#26
Benzo(g,h,i)perylene
Concen: 3.30 ng/ul
RT: 26.27 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BM000716.D
Acq: 16 Mar 2015 14:31

Tgt Ion: 276 Resp: 182915
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 27.4 22.2 33.4

