

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070816\
 Data File : BM006331.D
 Acq On : 07 Jul 2016 22:18
 Operator : UM/SJ
 Sample : H3914-12MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TS1MSD

Quant Time: Jul 08 03:47:21 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
 Response via : Initial Calibration

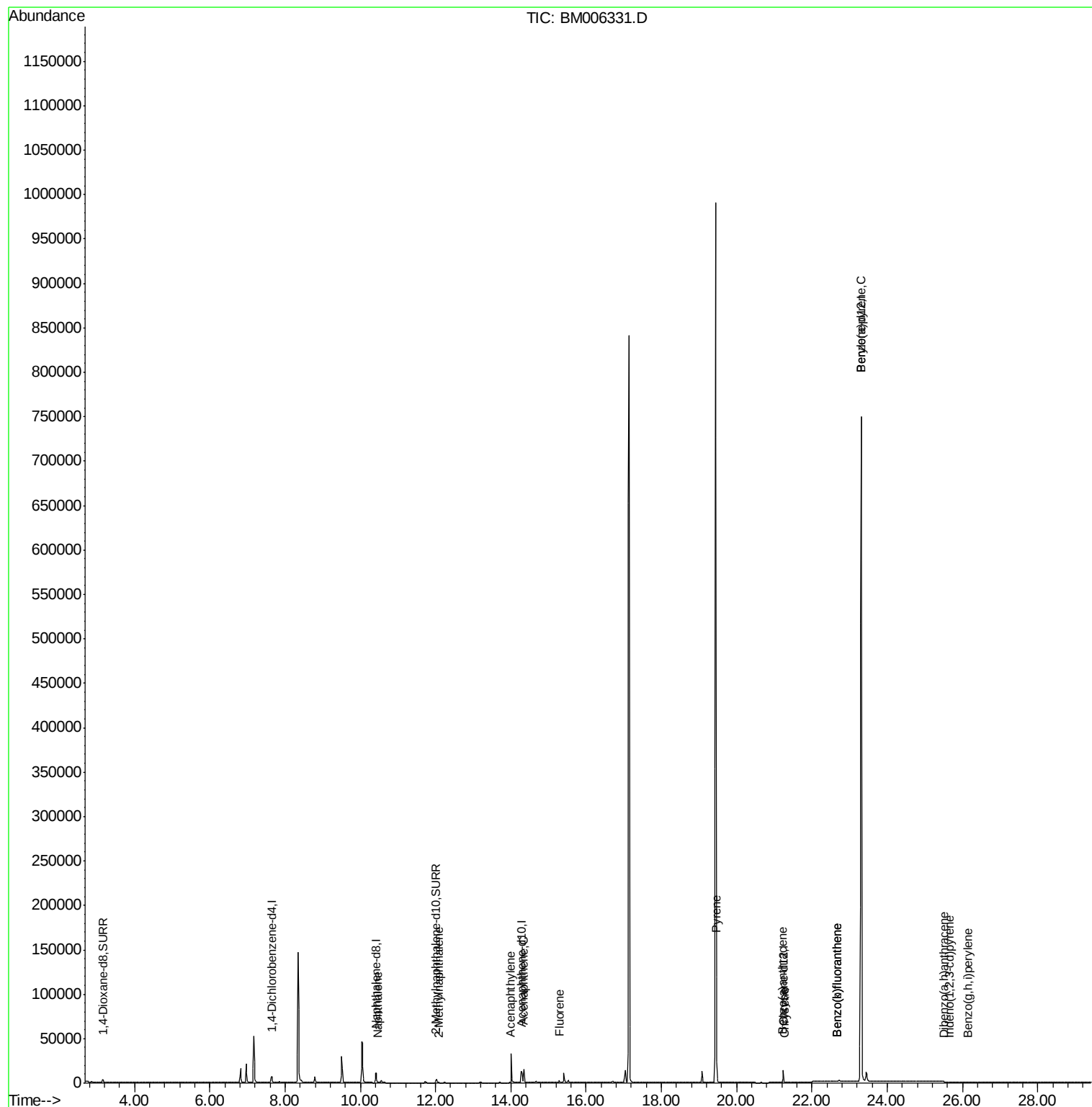
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4478	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	17335	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.28	164	9376	0.40	ng/ul	-0.02
12) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.04
18) Chrysene-d12	21.23	240	14538	0.40	ng/ul	0.00
22) Perylene-d12	23.31	264	1007973	0.40	ng/ul	-0.14
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	2516	1.33	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	7255	0.36	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	17169	0.00	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.46	128	112	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.09	142	55	0.00	ng/ul	83
9) Acenaphthylene	13.98	152	146	0.00	ng/ul#	1
10) Acenaphthene	14.35	153	9186	0.29	ng/ul	93
11) Fluorene	15.29	166	2596	0.07	ng/ul#	20
19) Pyrene	19.46	202	22523	0.37	ng/ul	95
20) Benzo(a)anthracene	21.22	228	221	0.00	ng/ul#	9
21) Chrysene	21.28	228	125	0.00	ng/ul#	9
23) Benzo(b)fluoranthene	22.67	252	9	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.67	252	9	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.31	252	4356	0.00	ng/ul#	61
26) Indeno(1,2,3-cd)pyrene	25.66	276	65	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.51	278	976	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.15	276	26	0.00	ng/ul#	1

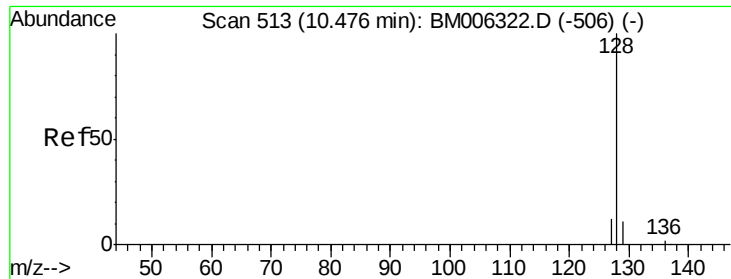
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.01 min

Lab File: BM006331.D

Acq: 07 Jul 2016 22:18

Instrument :

BNA_M

ClientSampleId :

A4TS1MSD

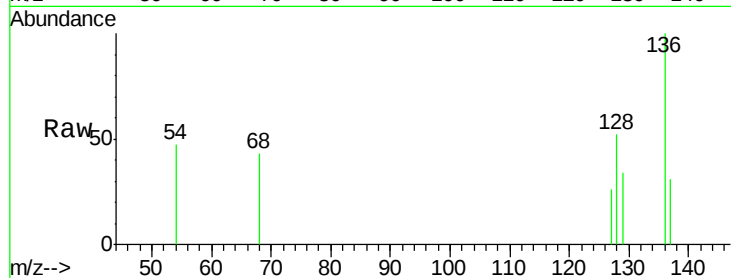
Tgt Ion:128 Resp: 112

Ion Ratio Lower Upper

128 100

129 65.4 9.0 13.6#

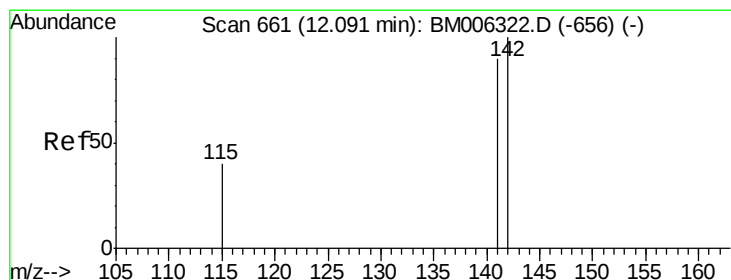
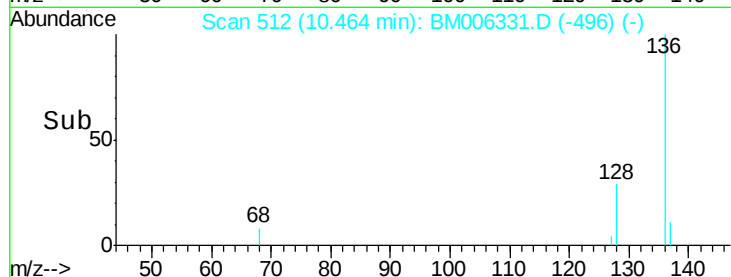
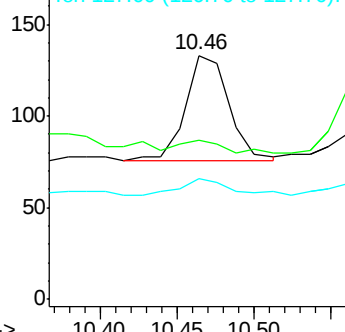
127 49.6 9.6 14.4#



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



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.09 min Scan# 661

Delta R.T. -0.00 min

Lab File: BM006331.D

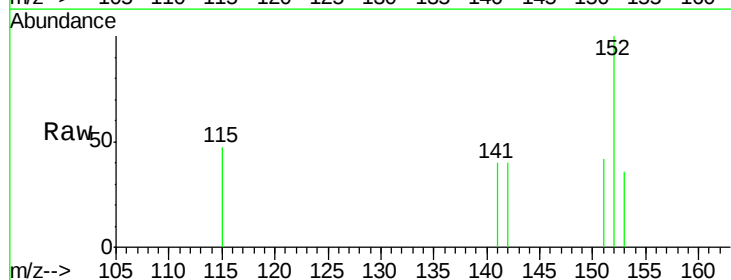
Acq: 07 Jul 2016 22:18

Tgt Ion:142 Resp: 55

Ion Ratio Lower Upper

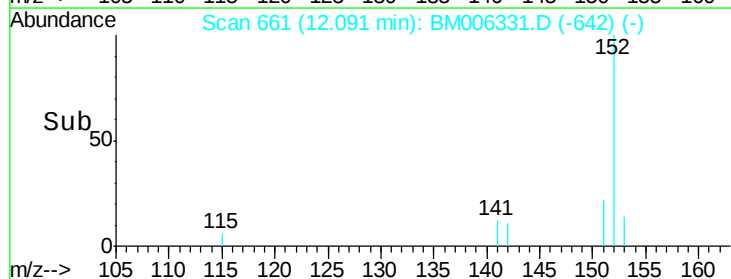
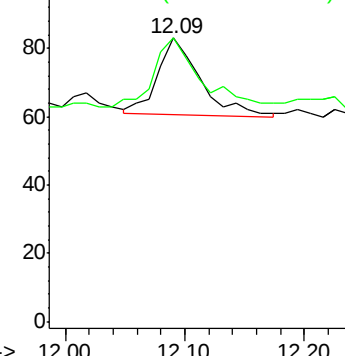
142 100

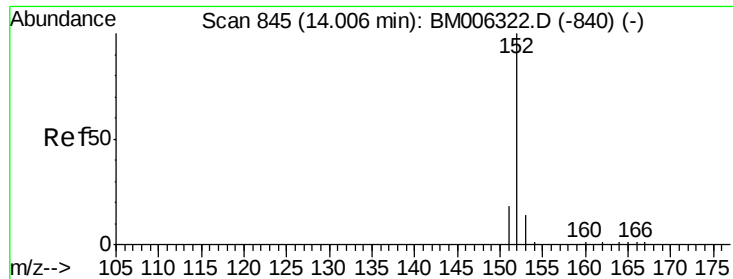
141 103.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 13.98 min Scan# 843

Delta R.T. -0.02 min

Lab File: BM006331.D

Acq: 07 Jul 2016 22:18

Instrument :

BNA_M

ClientSampleId :

A4TS1MSD

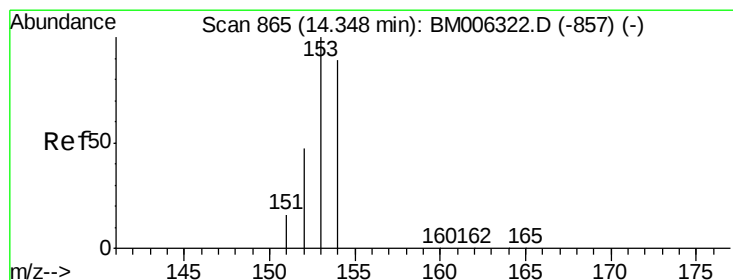
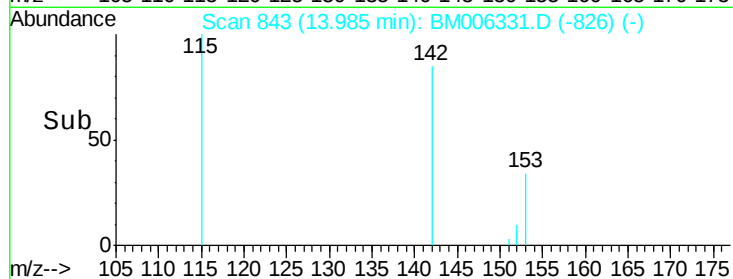
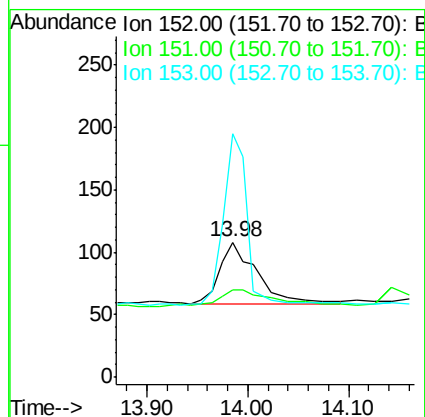
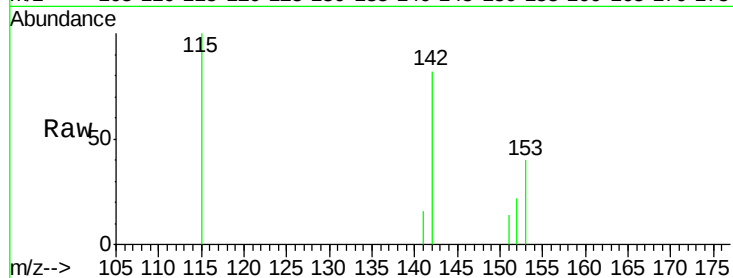
Tgt Ion:152 Resp: 146

Ion Ratio Lower Upper

152 100

151 64.8 17.6 26.4#

153 180.6 9.7 14.5#



#10

Acenaphthene

Concen: 0.29 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.00 min

Lab File: BM006331.D

Acq: 07 Jul 2016 22:18

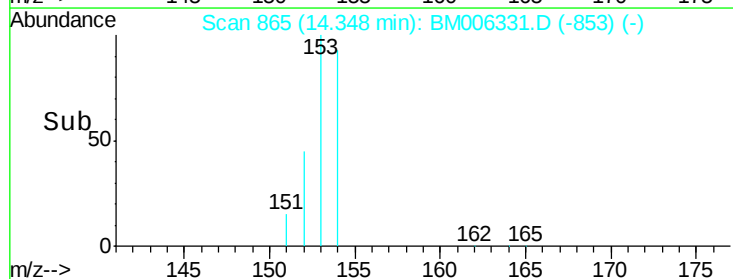
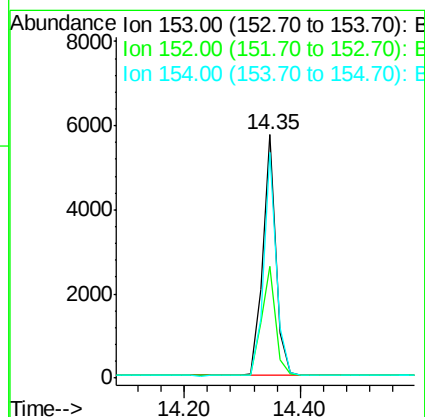
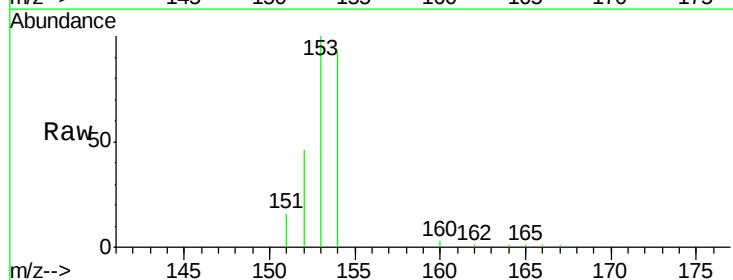
Tgt Ion:153 Resp: 9186

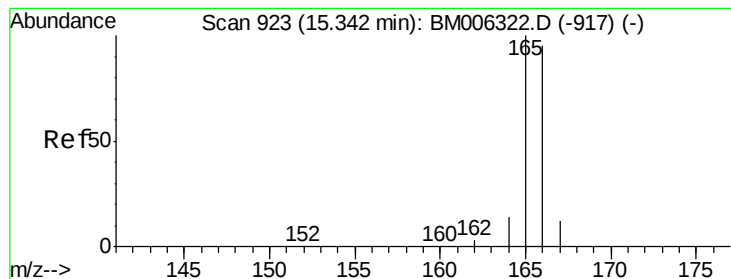
Ion Ratio Lower Upper

153 100

152 45.9 33.9 50.9

154 92.6 80.6 121.0





#11

Fluorene

Concen: 0.07 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.05 min

Lab File: BM006331.D

Acq: 07 Jul 2016 22:18

Instrument :

BNA_M

ClientSampleId :

A4TS1MSD

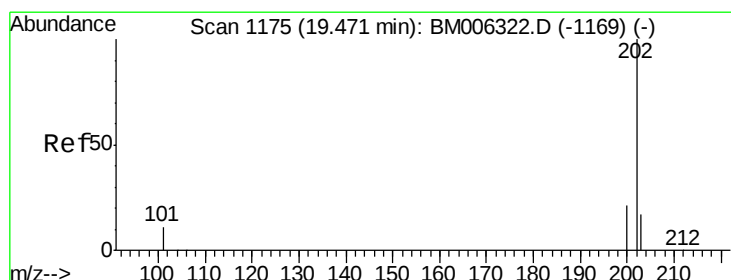
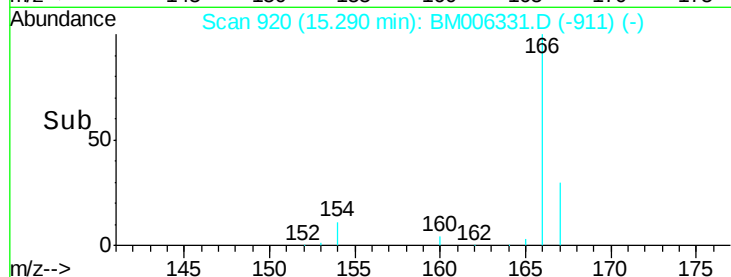
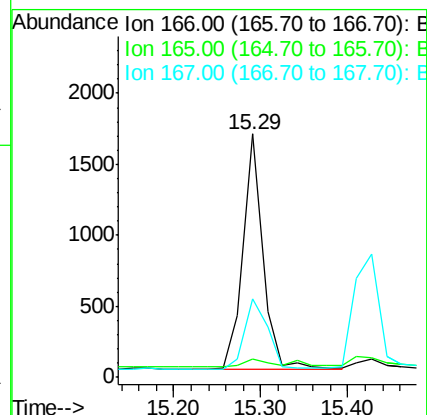
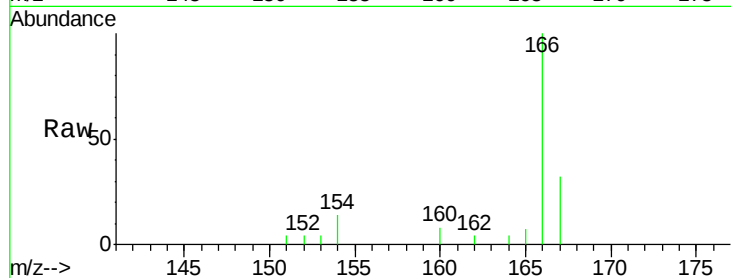
Tgt Ion:166 Resp: 2596

Ion Ratio Lower Upper

166 100

165 7.4 69.6 104.4#

167 32.0 11.9 17.9#



#19

Pyrene

Concen: 0.37 ng/ul

RT: 19.46 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BM006331.D

Acq: 07 Jul 2016 22:18

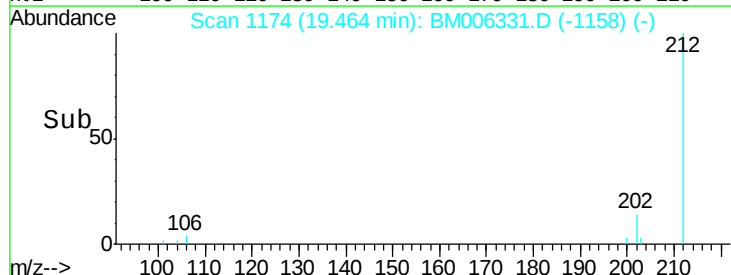
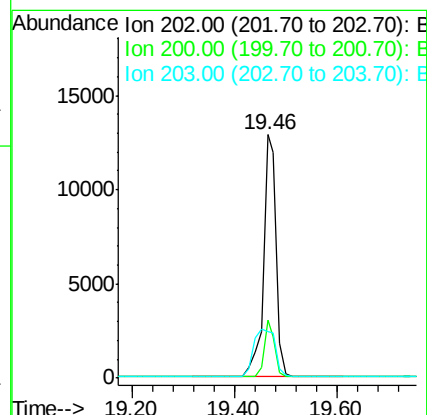
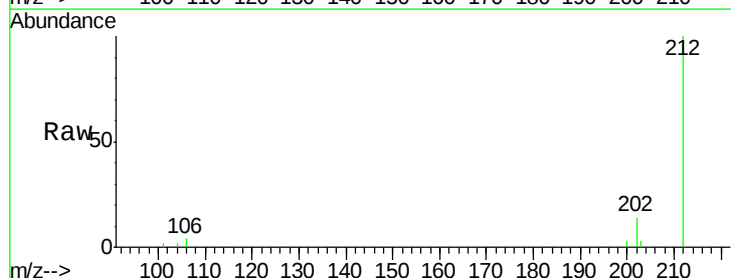
Tgt Ion:202 Resp: 22523

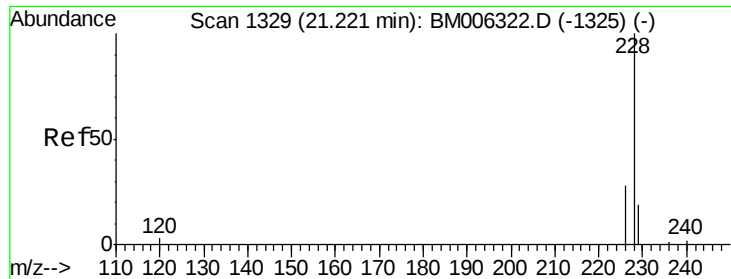
Ion Ratio Lower Upper

202 100

200 23.7 17.8 26.8

203 18.9 12.8 19.2





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.22 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BM006331.D

Acq: 07 Jul 2016 22:18

Instrument :

BNA_M

ClientSampleId :

A4TS1MSD

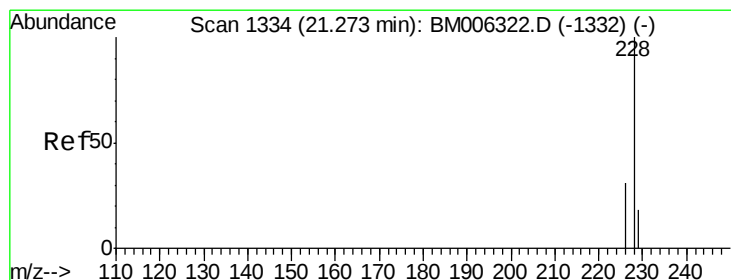
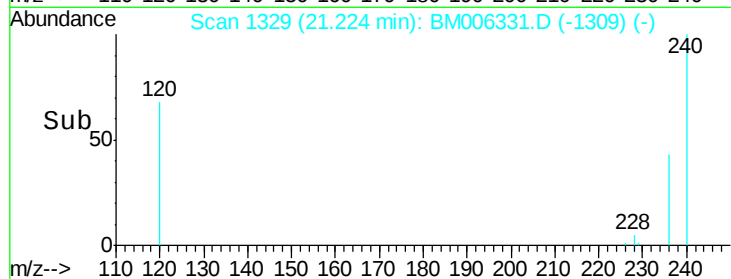
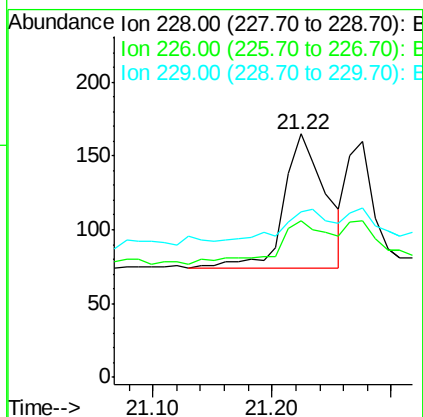
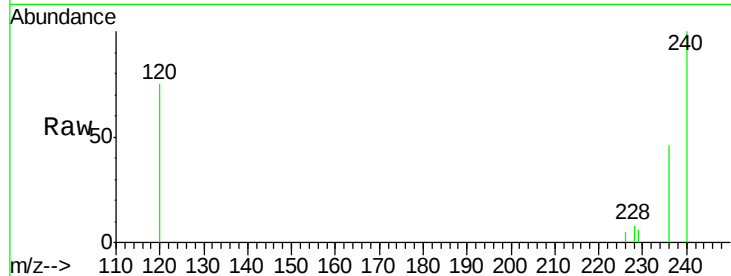
Tgt Ion:228 Resp: 221

Ion Ratio Lower Upper

228 100

226 64.2 18.8 28.2#

229 67.9 17.1 25.7#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.28 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM006331.D

Acq: 07 Jul 2016 22:18

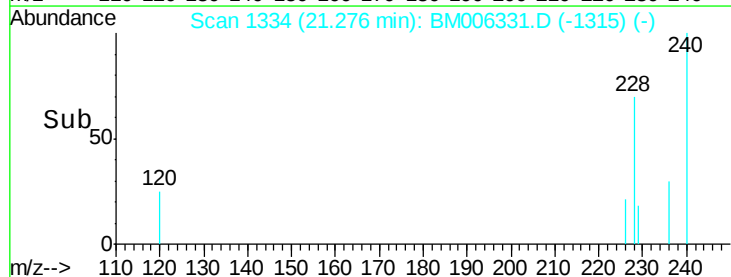
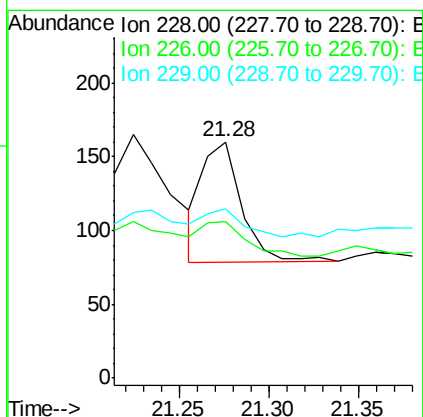
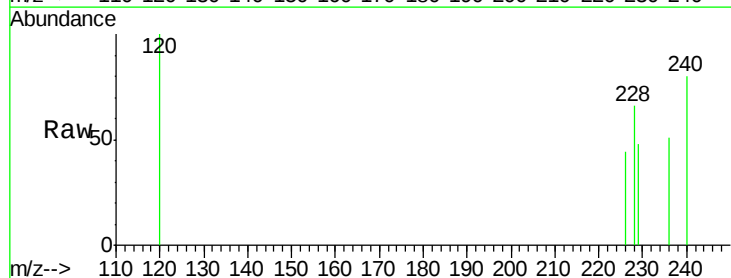
Tgt Ion:228 Resp: 125

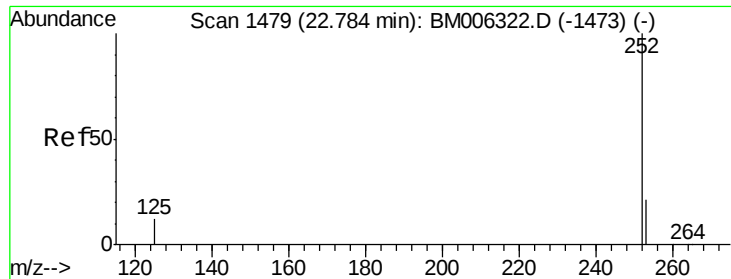
Ion Ratio Lower Upper

228 100

226 66.3 21.2 31.8#

229 71.9 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.67 min Scan# 1468

Delta R.T. -0.11 min

Lab File: BM006331.D

Acq: 07 Jul 2016 22:18

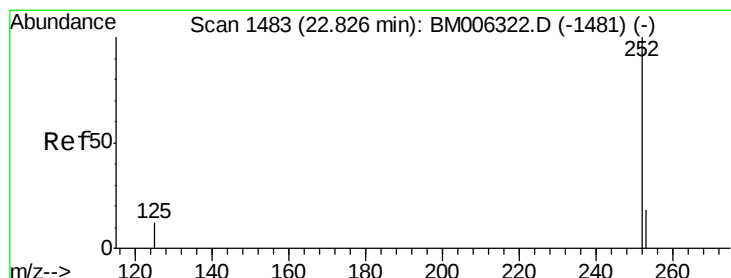
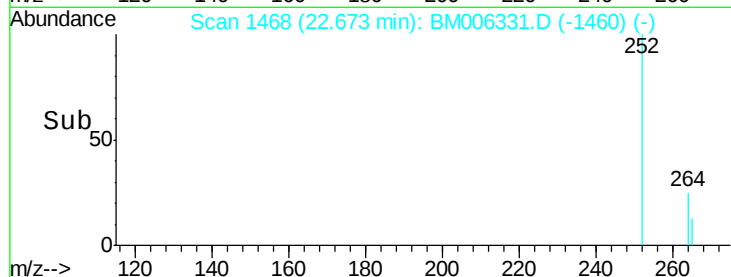
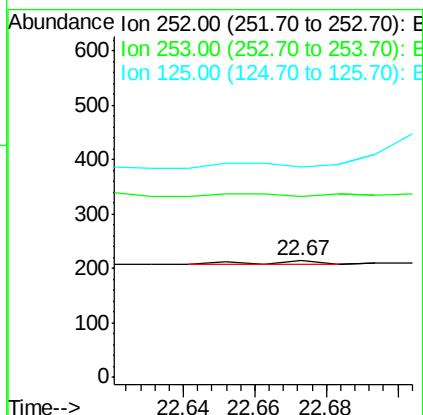
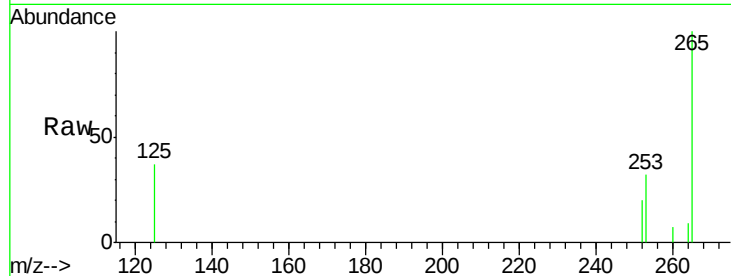
Instrument :

BNA_M

ClientSampleId :

A4TS1MSD

Tgt Ion:	252	Resp:	9
Ion	Ratio	Lower	Upper
252	100		
253	155.6	0.0	45.4#
125	180.4	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

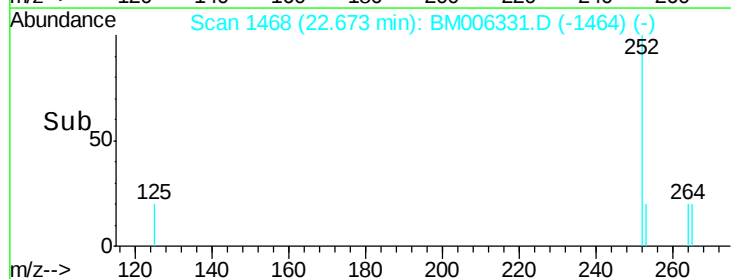
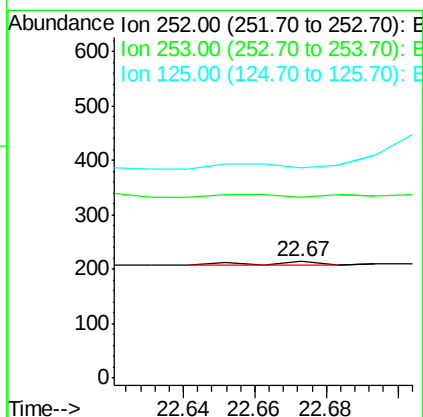
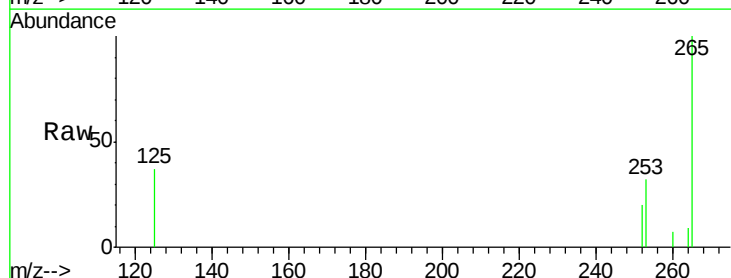
RT: 22.67 min Scan# 1468

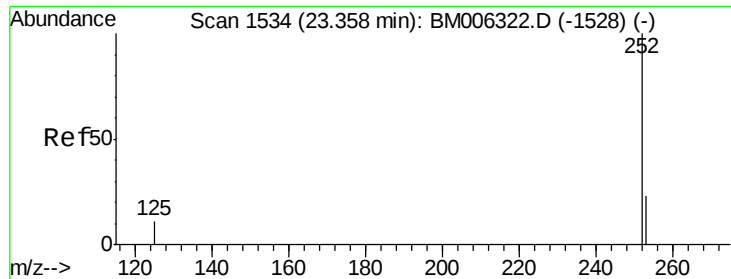
Delta R.T. -0.15 min

Lab File: BM006331.D

Acq: 07 Jul 2016 22:18

Tgt Ion:	252	Resp:	9
Ion	Ratio	Lower	Upper
252	100		
253	155.6	19.8	29.8#
125	180.4	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.31 min Scan# 1529

Delta R.T. -0.05 min

Lab File: BM006331.D

Acq: 07 Jul 2016 22:18

Instrument :

BNA_M

ClientSampleId :

A4TS1MSD

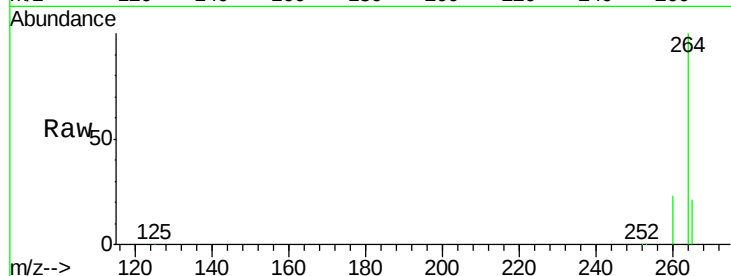
Tgt Ion: 252 Resp: 4356

Ion Ratio Lower Upper

252 100

253 40.7 19.4 29.2#

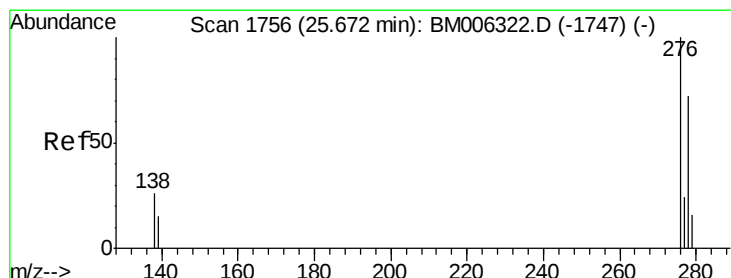
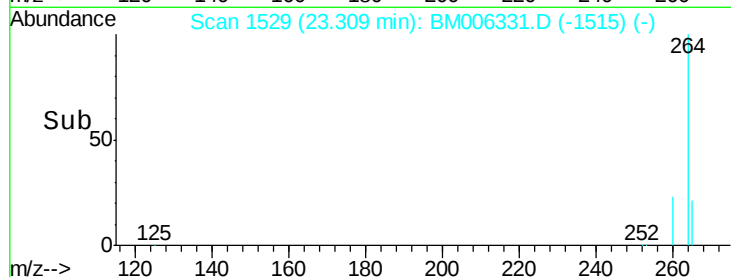
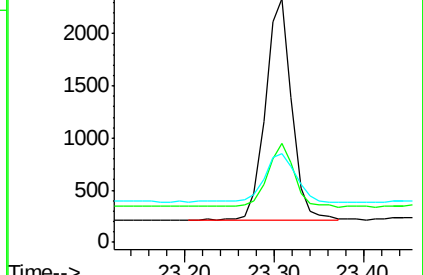
125 36.7 12.7 19.1#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.66 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BM006331.D

Acq: 07 Jul 2016 22:18

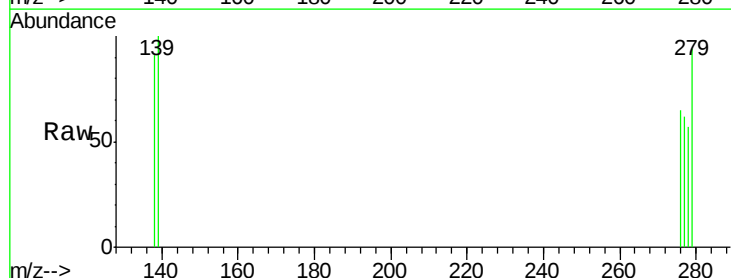
Tgt Ion: 276 Resp: 65

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

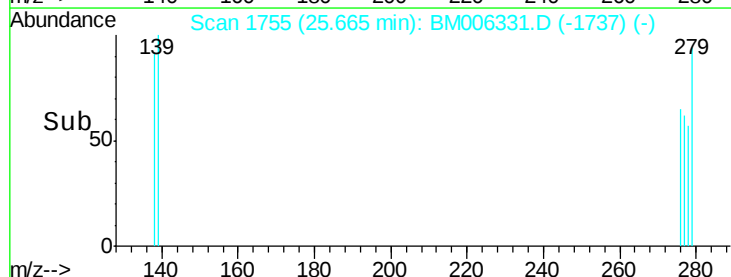
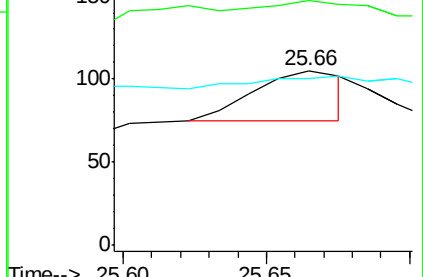
277 0.0 19.8 29.8#

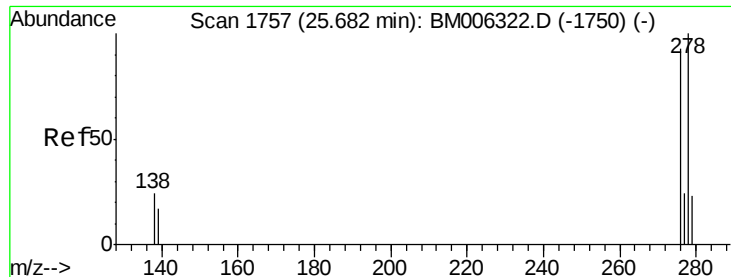


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

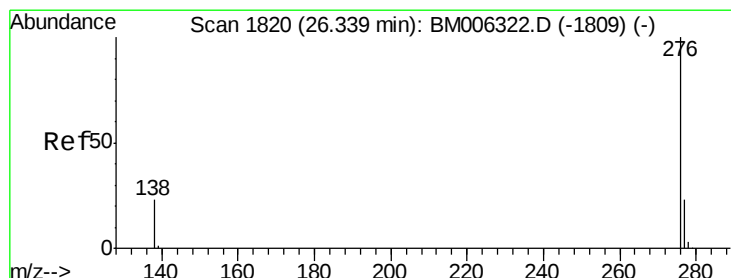
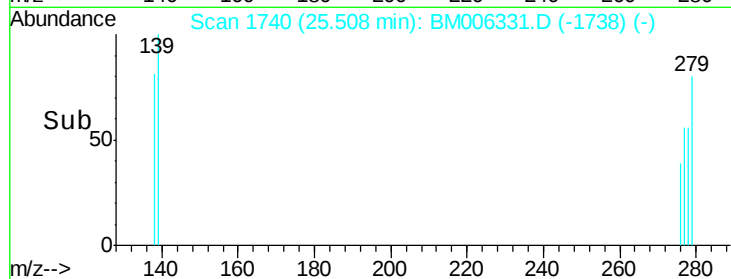
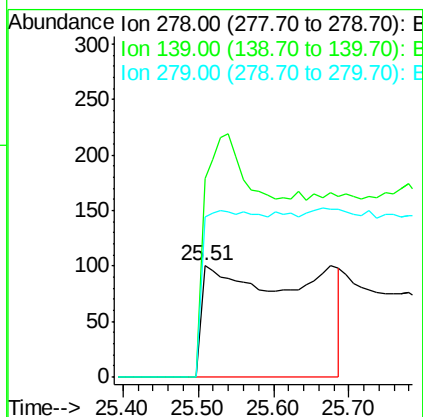
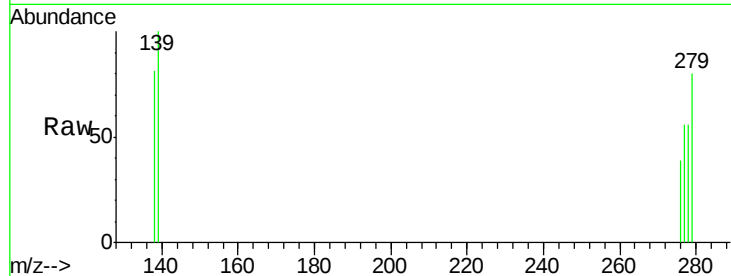




#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.51 min Scan# 1740
Delta R.T. -0.17 min
Lab File: BM006331.D
Acq: 07 Jul 2016 22:18

Instrument :
BNA_M
ClientSampleId :
A4TS1MSD

Tgt Ion: 278 Resp: 976
Ion Ratio Lower Upper
278 100
139 179.0 16.4 24.6#
279 144.0 20.2 30.2#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.15 min Scan# 1802
Delta R.T. -0.18 min
Lab File: BM006331.D
Acq: 07 Jul 2016 22:18

Tgt Ion: 276 Resp: 26
Ion Ratio Lower Upper
276 100
277 129.7 18.9 28.3#
138 216.2 22.5 33.7#

