

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041116\
 Data File : BM004936.D
 Acq On : 11 Apr 2016 13:43
 Operator : UM/SJ
 Sample : H2275-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9T87

Quant Time: Apr 12 01:14:23 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 12 01:10:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1446	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	6388	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	3742	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	444706	0.40	ng/ul	0.10
18) Chrysene-d12	21.39	240	7879	0.40	ng/ul	0.00
22) Perylene-d12	23.53	264	390470	0.40	ng/ul	-0.14

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.29	96	8707	13.36	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	12.20	152	2249	0.25	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	6183	0.01	ng/ul	0.00

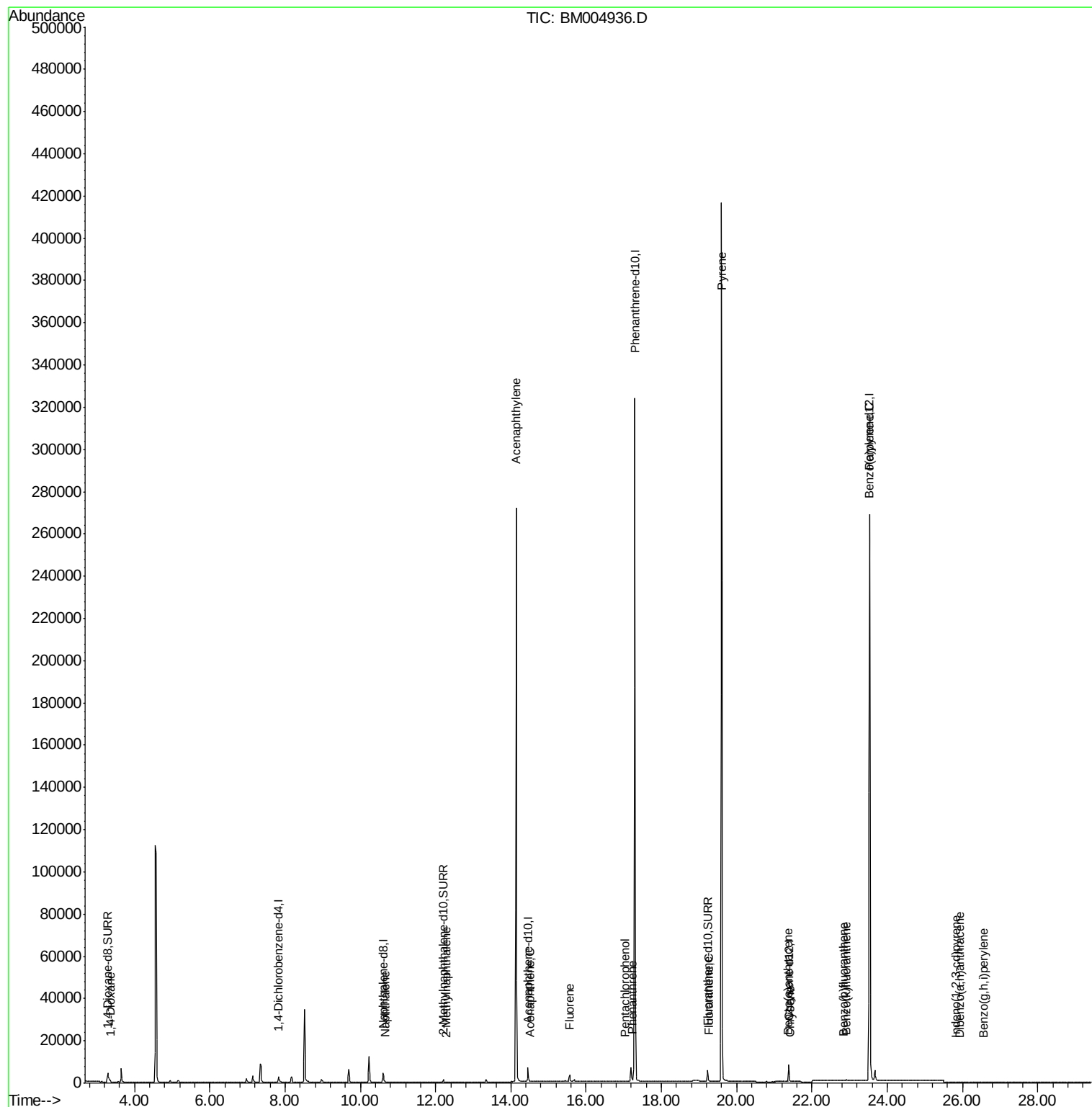
Target Compounds				Qvalue		
3) 1,4-Dioxane	3.35	88	519	0.65	ng/ul#	22
5) Naphthalene	10.66	128	342	0.02	ng/ul#	47
7) 2-Methylnaphthalene	12.28	142	88	0.01	ng/ul	83
9) Acenaphthylene	14.14	152	53	0.00	ng/ul#	1
10) Acenaphthene	14.50	153	82	0.01	ng/ul#	77
11) Fluorene	15.56	166	61	0.00	ng/ul#	1
13) Pentachlorophenol	17.02	266	2	0.00	ng/ul#	30
14) Phenanthrene	17.23	178	1470	0.00	ng/ul#	79
17) Fluoranthene	19.25	202	613	0.00	ng/ul#	50
19) Pyrene	19.59	202	1106	0.04	ng/ul#	1
20) Benzo(a)anthracene	21.37	228	98	0.00	ng/ul#	1
21) Chrysene	21.42	228	109	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.85	252	4	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.92	252	16	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.52	252	1574	0.00	ng/ul#	21
26) Indeno(1,2,3-cd)pyrene	25.83	276	8	0.00	ng/ul#	1
27) Dibenzo(a,h)anthracene	25.92	278	5	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.55	276	4	0.00	ng/ul#	1

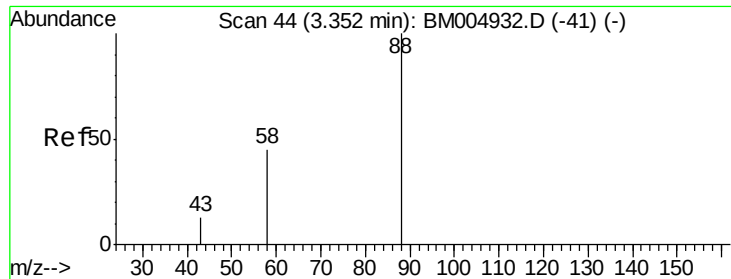
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.65 ng/ul

RT: 3.35 min Scan# 44

Delta R.T. -0.00 min

Lab File: BM004936.D

Acq: 11 Apr 2016 13:43

Instrument :

BNA_M

ClientSampleId :

D9T87

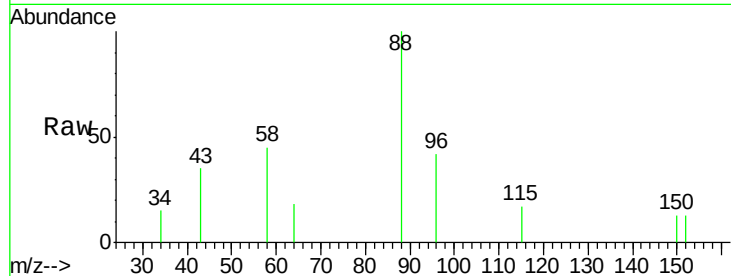
Tgt Ion: 88 Resp: 519

Ion Ratio Lower Upper

88 100

58 50.3 8.0 12.0#

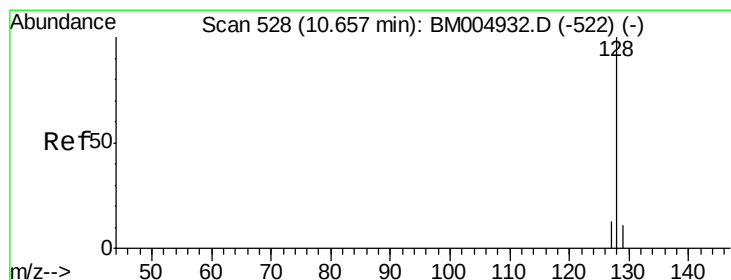
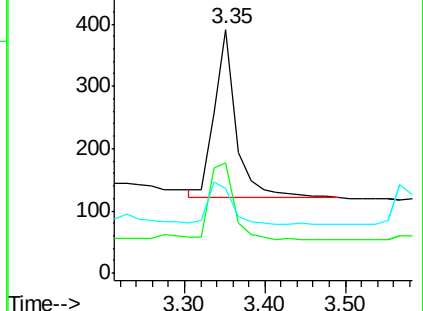
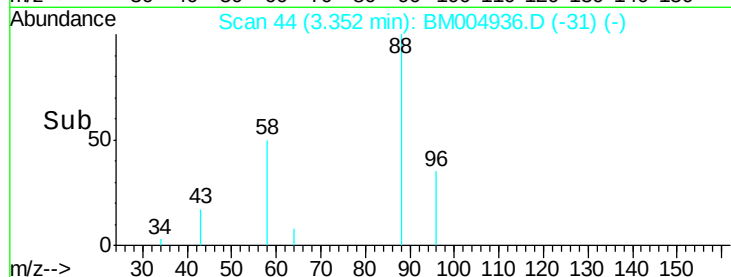
43 27.6 8.0 12.0#



Abundance Ion 88.00 (87.70 to 88.70): BM004936.D (-31) (-)

Ion 58.00 (57.70 to 58.70): BM004936.D (-31) (-)

Ion 43.00 (42.70 to 43.70): BM004936.D (-31) (-)



#5

Naphthalene

Concen: 0.02 ng/ul

RT: 10.66 min Scan# 528

Delta R.T. -0.00 min

Lab File: BM004936.D

Acq: 11 Apr 2016 13:43

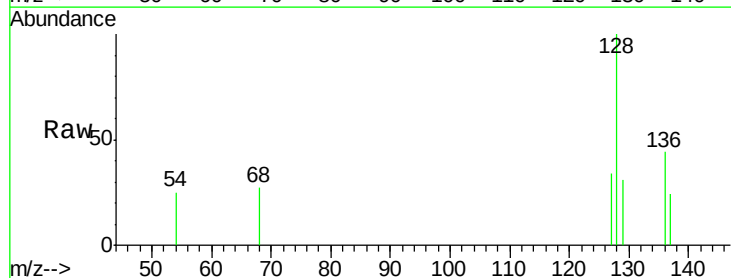
Tgt Ion: 128 Resp: 342

Ion Ratio Lower Upper

128 100

129 30.8 9.0 13.6#

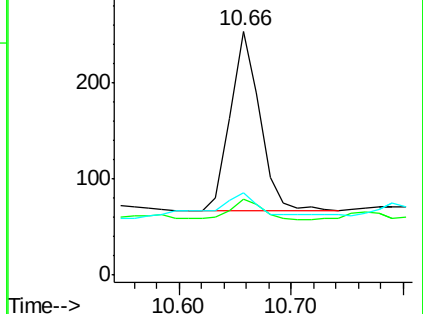
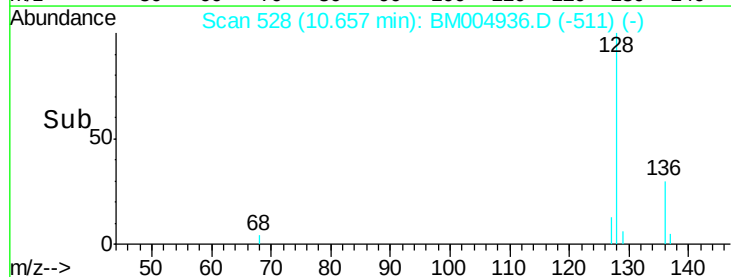
127 33.6 9.6 14.4#

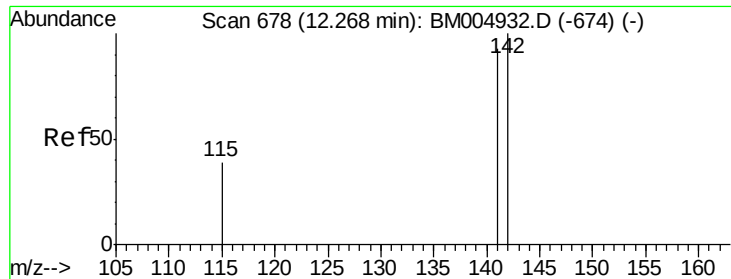


Abundance Ion 128.00 (127.70 to 128.70): BM004936.D (-511) (-)

Ion 129.00 (128.70 to 129.70): BM004936.D (-511) (-)

Ion 127.00 (126.70 to 127.70): BM004936.D (-511) (-)





#7

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 12.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM004936.D

Acq: 11 Apr 2016 13:43

Instrument :

BNA_M

ClientSampleId :

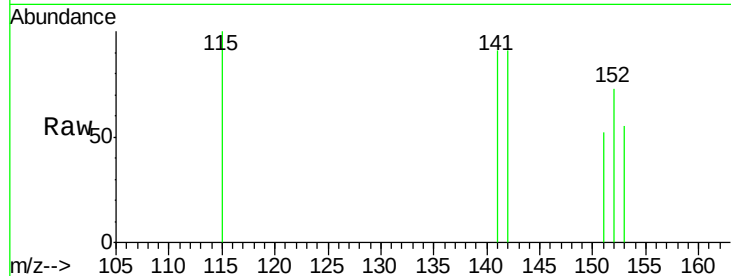
D9T87

Tgt Ion:142 Resp: 88

Ion Ratio Lower Upper

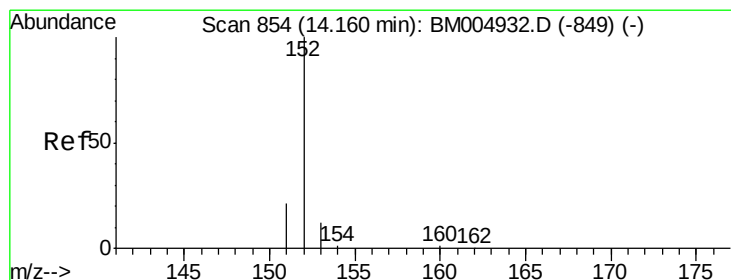
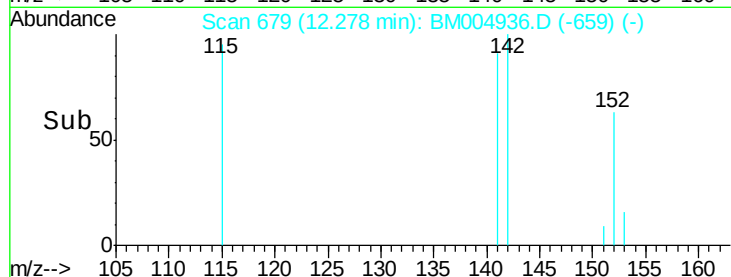
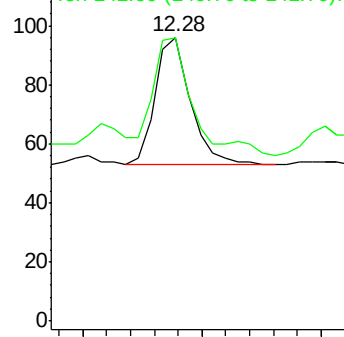
142 100

141 103.4 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: 14.14 min Scan# 853

Delta R.T. -0.02 min

Lab File: BM004936.D

Acq: 11 Apr 2016 13:43

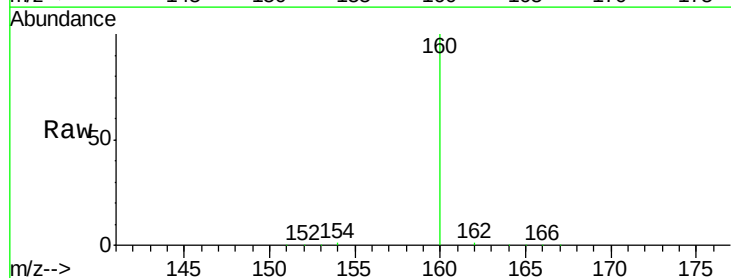
Tgt Ion:152 Resp: 53

Ion Ratio Lower Upper

152 100

151 94.5 17.6 26.4#

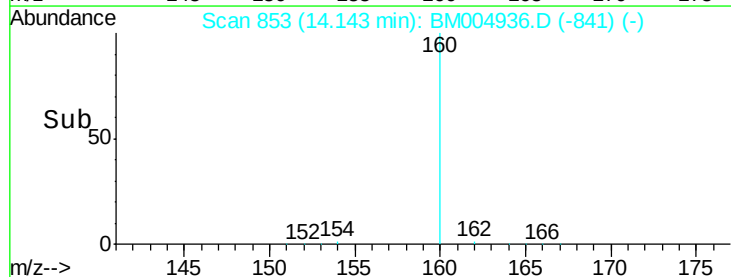
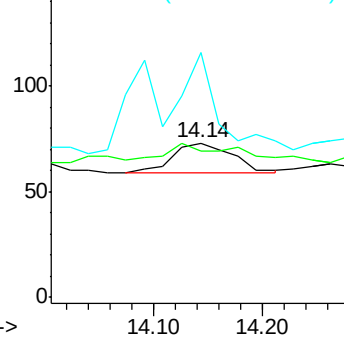
153 158.9 9.7 14.5#

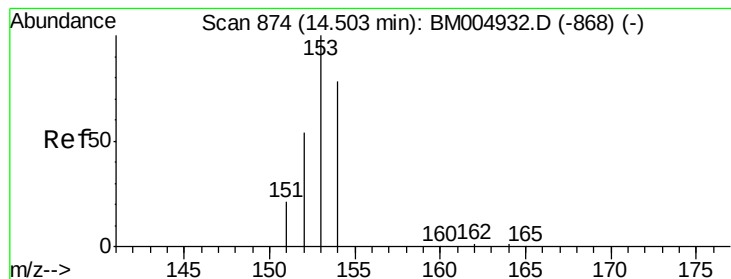


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.50 min Scan# 874

Delta R.T. -0.00 min

Lab File: BM004936.D

Acq: 11 Apr 2016 13:43

Instrument :

BNA_M

ClientSampleId :

D9T87

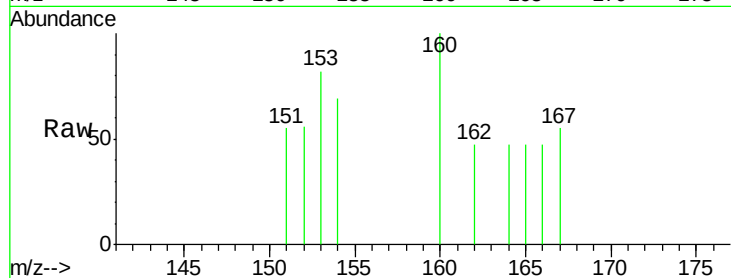
Tgt Ion:153 Resp: 82

Ion Ratio Lower Upper

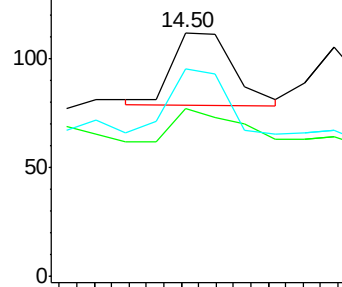
153 100

152 68.7 33.9 50.9#

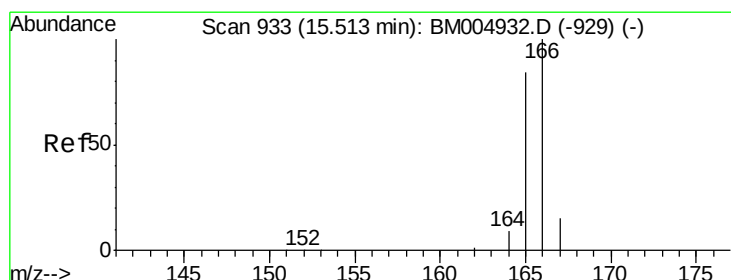
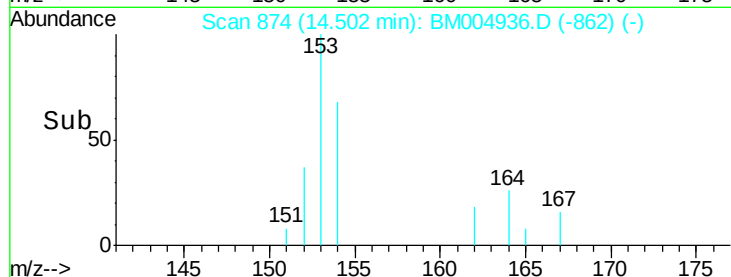
154 84.8 80.6 121.0



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



Time-->



#11

Fluorene

Concen: 0.00 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. 0.05 min

Lab File: BM004936.D

Acq: 11 Apr 2016 13:43

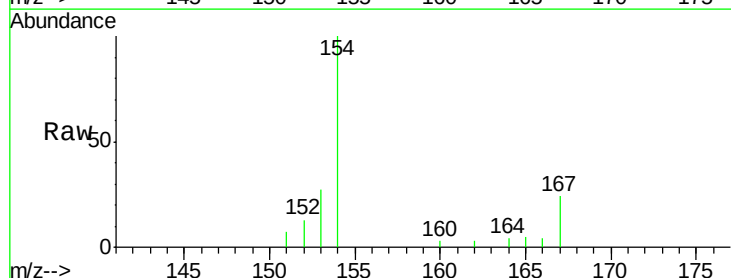
Tgt Ion:166 Resp: 61

Ion Ratio Lower Upper

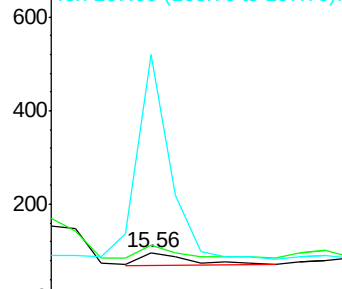
166 100

165 115.5 69.6 104.4#

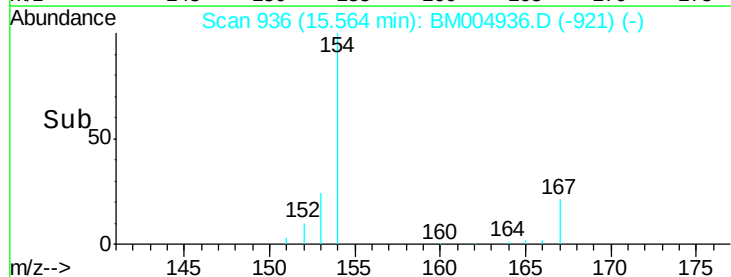
167 536.1 11.9 17.9#

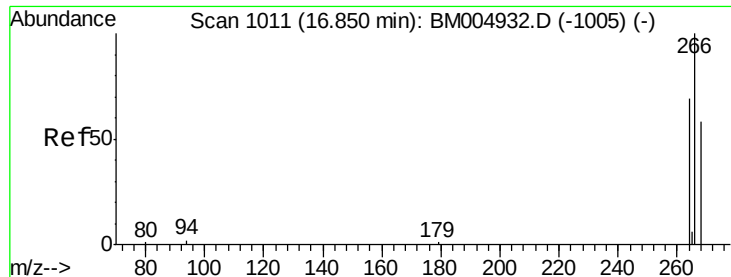


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->

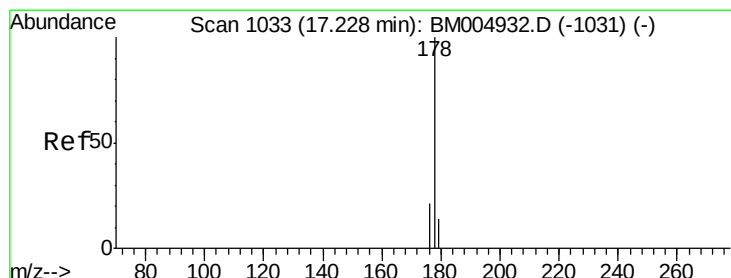
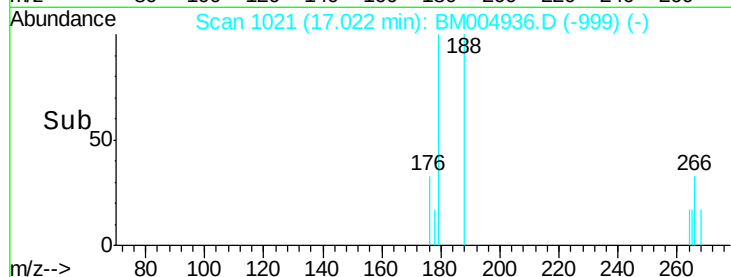
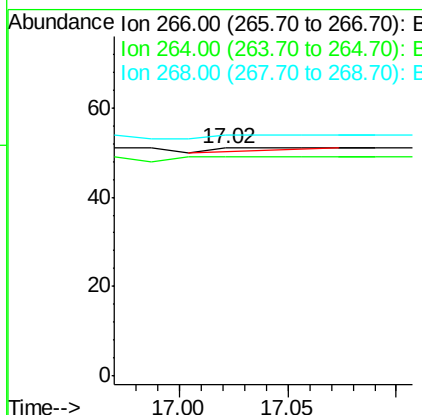
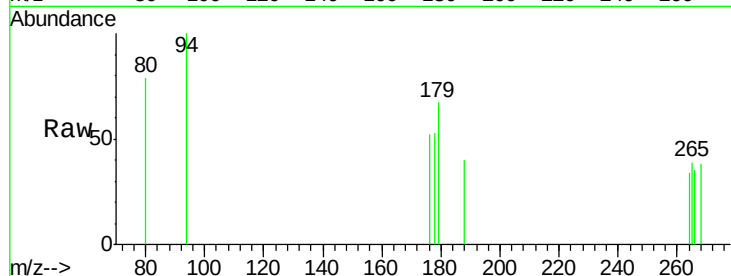




#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 17.02 min Scan# 1021
 Delta R.T. 0.17 min
 Lab File: BM004936.D
 Acq: 11 Apr 2016 13:43

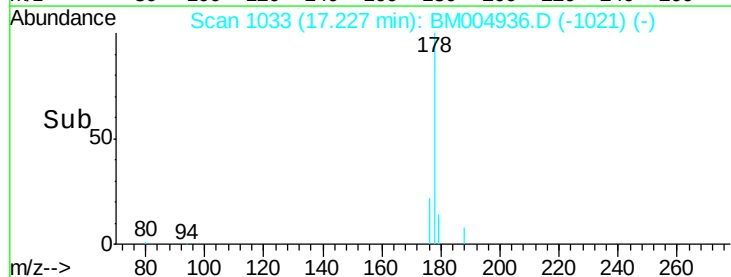
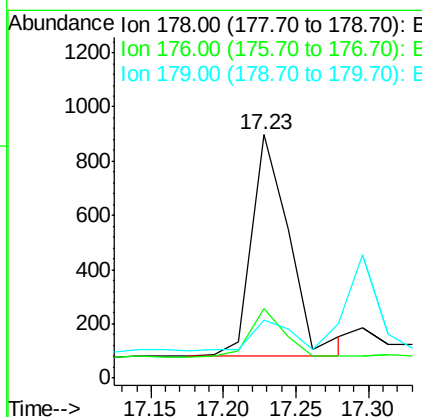
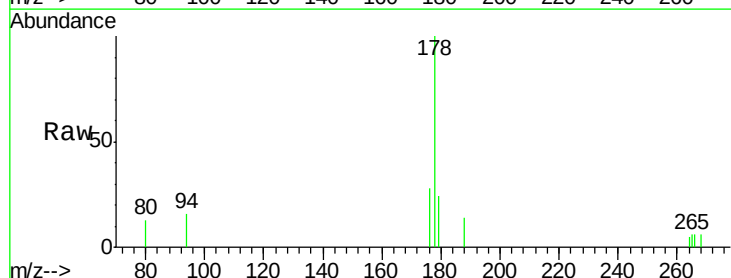
Instrument :
 BNA_M
 ClientSampleId :
 D9T87

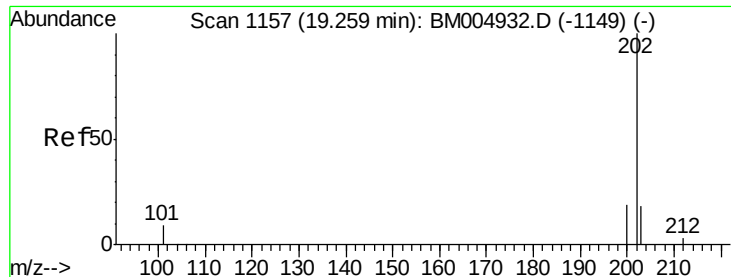
Tgt Ion: 266 Resp: 2
 Ion Ratio Lower Upper
 266 100
 264 0.0 51.8 77.8#
 268 100.0 46.8 70.2#



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.23 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BM004936.D
 Acq: 11 Apr 2016 13:43

Tgt Ion: 178 Resp: 1470
 Ion Ratio Lower Upper
 178 100
 176 28.4 13.0 19.4#
 179 24.1 14.2 21.2#





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.25 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BM004936.D

Acq: 11 Apr 2016 13:43

Instrument :

BNA_M

ClientSampleId :

D9T87

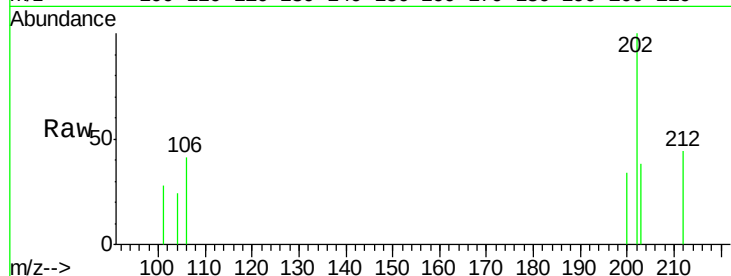
Tgt Ion:202 Resp: 613

Ion Ratio Lower Upper

202 100

101 27.8 0.0 29.6

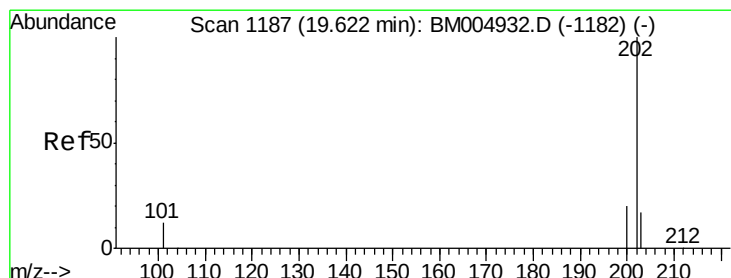
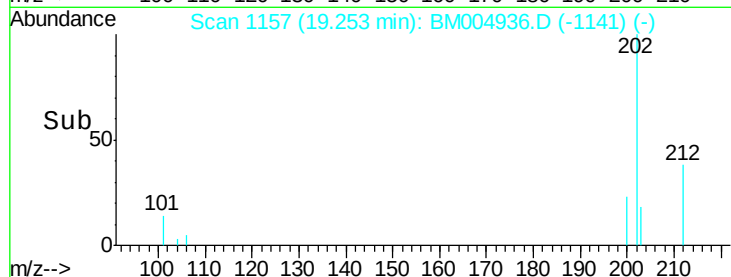
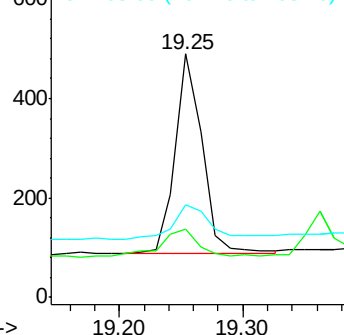
203 37.8 0.0 36.3#



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: 0.04 ng/ul

RT: 19.59 min Scan# 1185

Delta R.T. -0.03 min

Lab File: BM004936.D

Acq: 11 Apr 2016 13:43

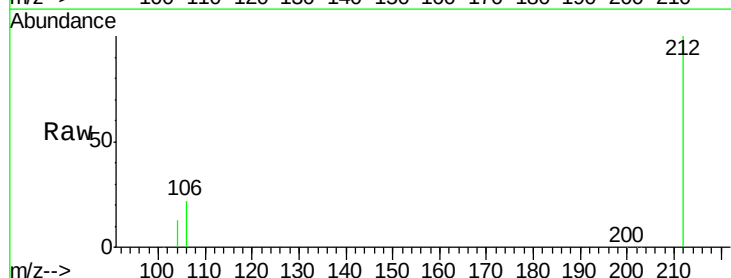
Tgt Ion:202 Resp: 1106

Ion Ratio Lower Upper

202 100

200 16.1 17.8 26.8#

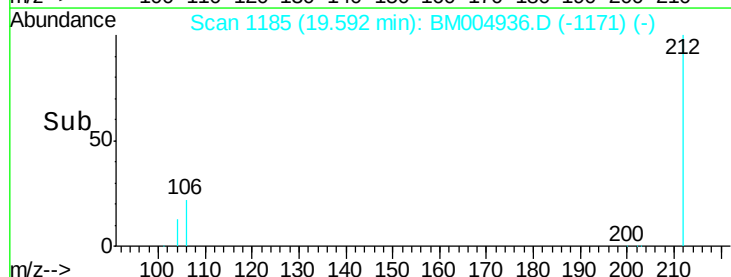
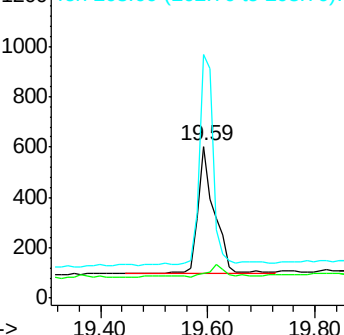
203 160.6 12.8 19.2#

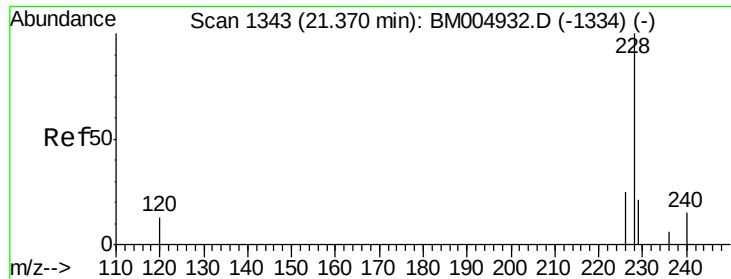


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.37 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BM004936.D

Acq: 11 Apr 2016 13:43

Instrument :

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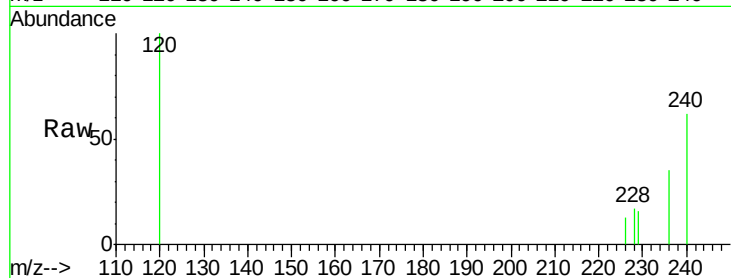
Tgt Ion:228 Resp: 98

Ion Ratio Lower Upper

228 100

226 74.0 18.8 28.2#

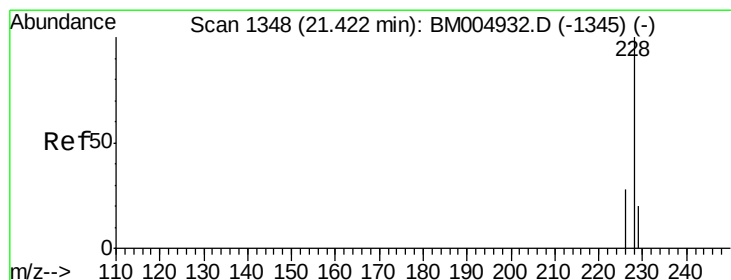
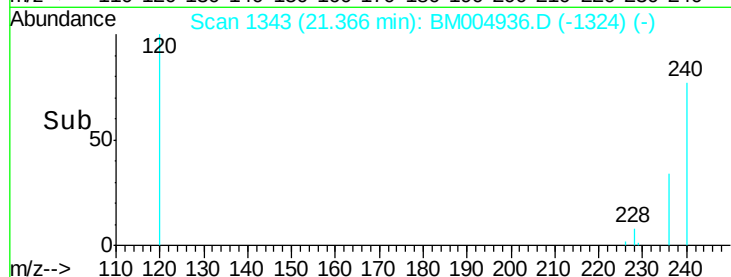
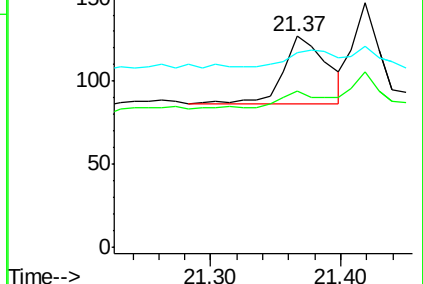
229 92.1 17.1 25.7#



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: 0.00 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BM004936.D

Acq: 11 Apr 2016 13:43

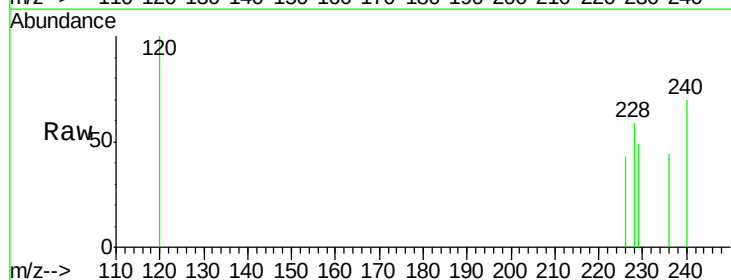
Tgt Ion:228 Resp: 109

Ion Ratio Lower Upper

228 100

226 72.1 21.2 31.8#

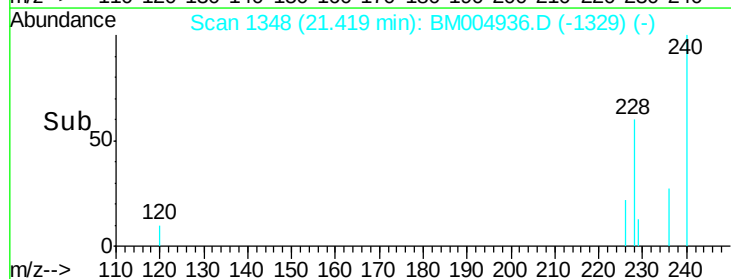
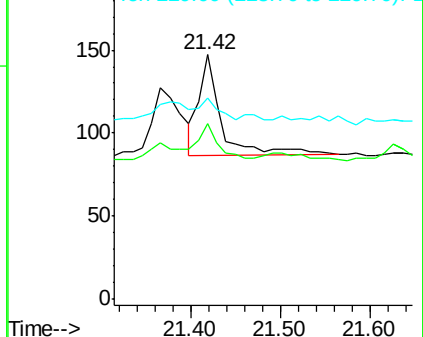
229 82.3 17.0 25.6#

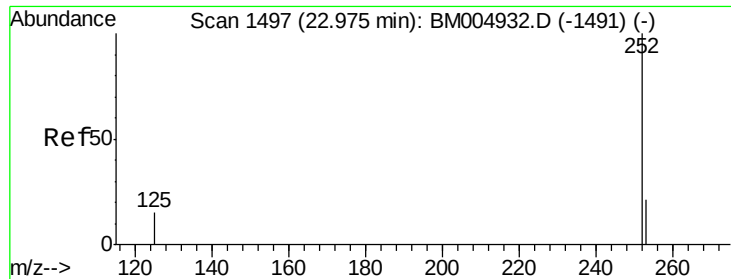


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.85 min Scan# 1485

Delta R.T. -0.13 min

Lab File: BM004936.D

Acq: 11 Apr 2016 13:43

Instrument :

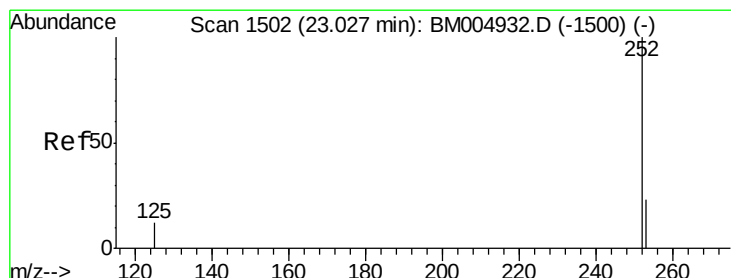
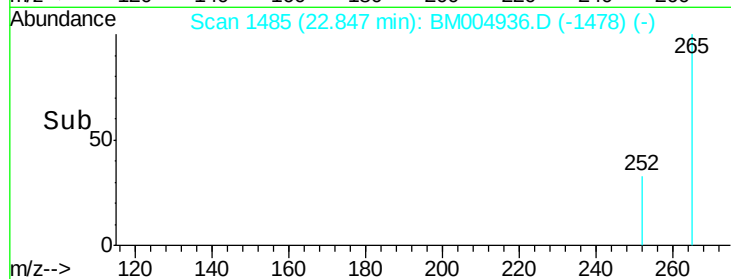
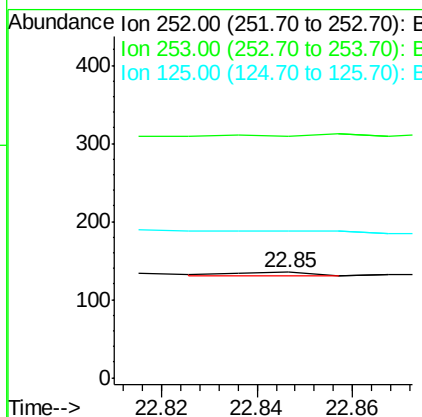
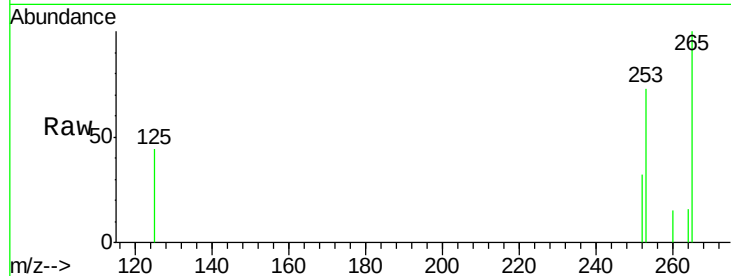
BNA_M

ClientSampleId :

D9T87

Tgt Ion: 252 Resp: 4

Ion	Ratio	Lower	Upper
252	100		
253	228.9	0.0	45.4#
125	138.5	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.92 min Scan# 1492

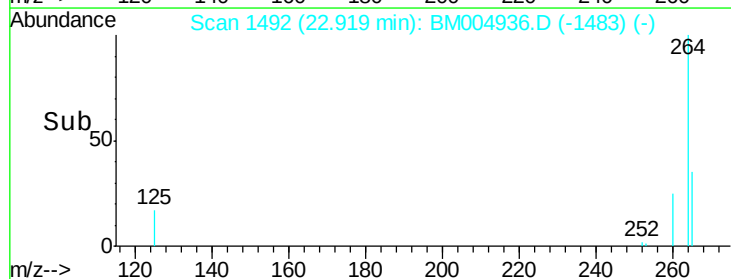
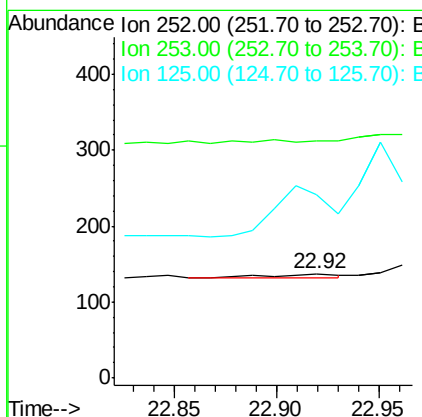
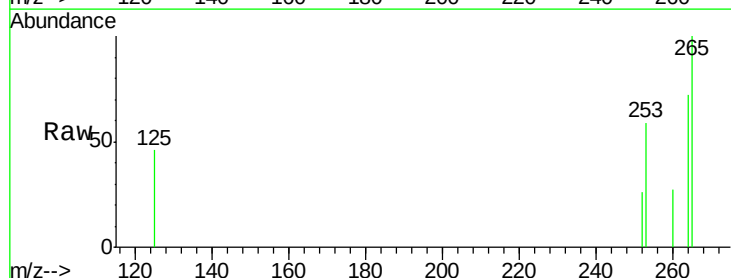
Delta R.T. -0.11 min

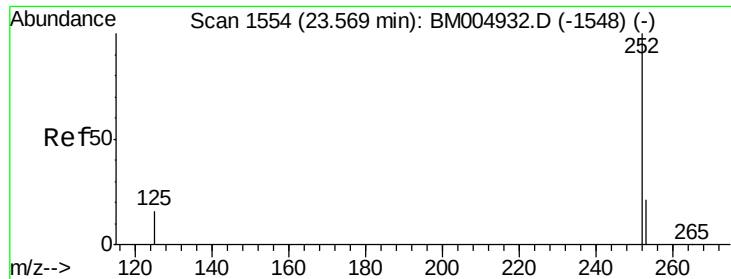
Lab File: BM004936.D

Acq: 11 Apr 2016 13:43

Tgt Ion: 252 Resp: 16

Ion	Ratio	Lower	Upper
252	100		
253	227.7	19.8	29.8#
125	175.9	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.52 min Scan# 1550

Delta R.T. -0.05 min

Lab File: BM004936.D

Acq: 11 Apr 2016 13:43

Instrument :

BNA_M

ClientSampleId :

D9T87

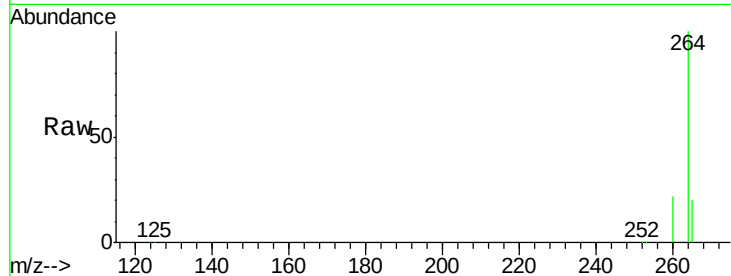
Tgt Ion: 252 Resp: 1574

Ion Ratio Lower Upper

252 100

253 58.0 19.4 29.2#

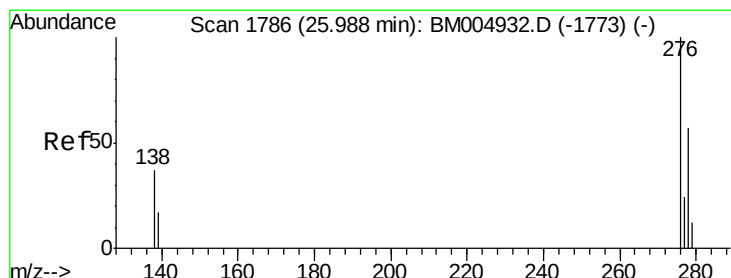
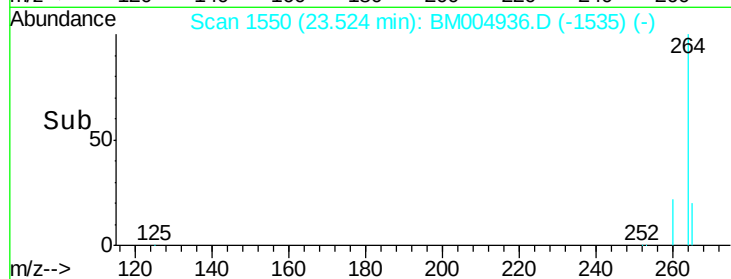
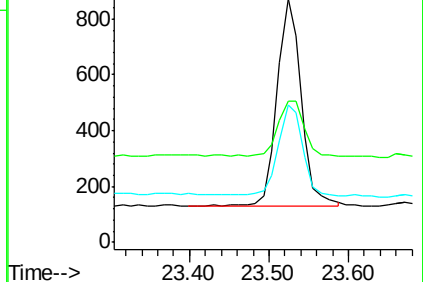
125 56.5 12.7 19.1#



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: 25.83 min Scan# 1771

Delta R.T. -0.16 min

Lab File: BM004936.D

Acq: 11 Apr 2016 13:43

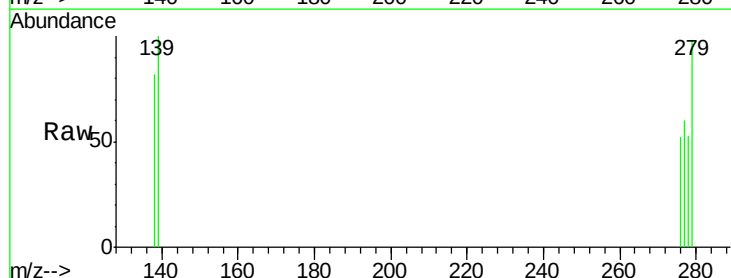
Tgt Ion: 276 Resp: 8

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

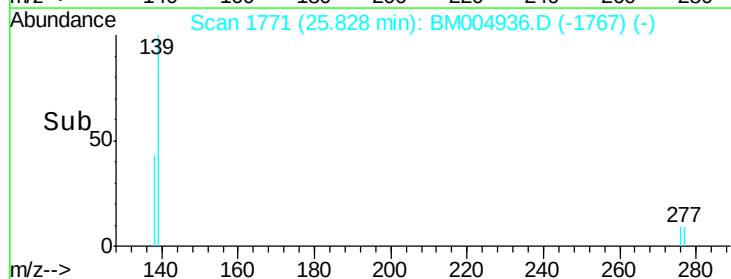
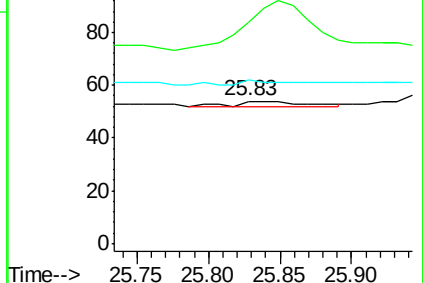
277 100.0 19.8 29.8#

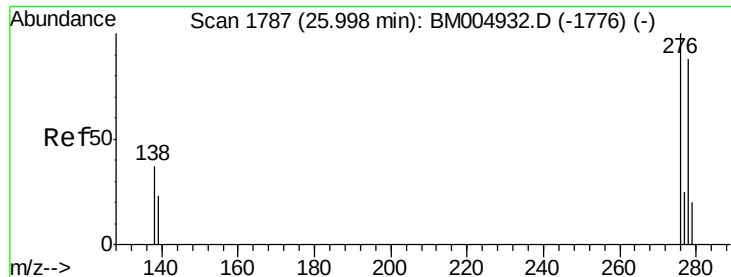


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

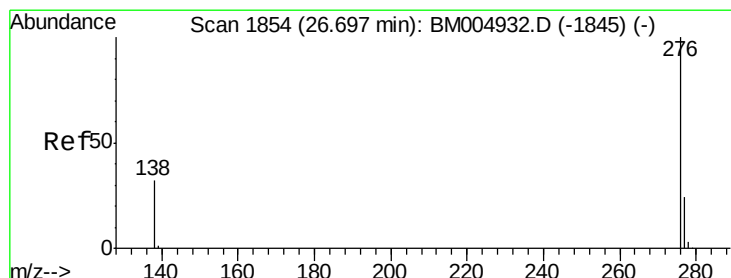
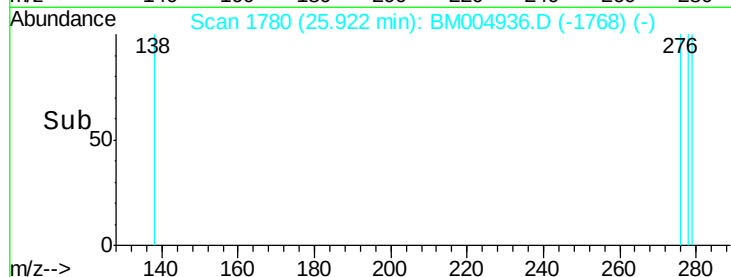
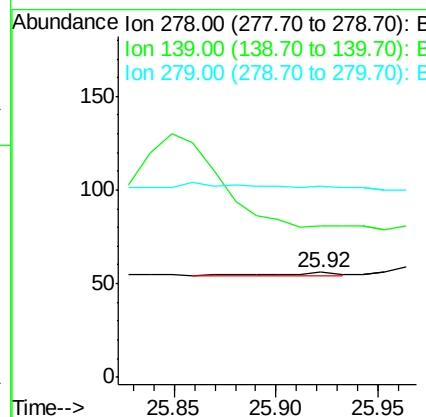
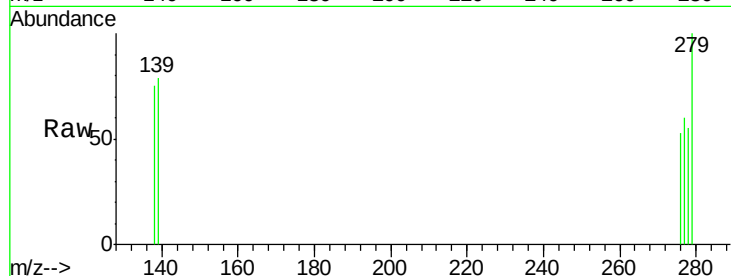




#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.92 min Scan# 1780
Delta R.T. -0.08 min
Lab File: BM004936.D
Acq: 11 Apr 2016 13:43

Instrument :
BNA_M
ClientSampleId :
D9T87

Tgt Ion: 278 Resp: 5
Ion Ratio Lower Upper
278 100
139 144.6 16.4 24.6#
279 182.1 20.2 30.2#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.55 min Scan# 1840
Delta R.T. -0.15 min
Lab File: BM004936.D
Acq: 11 Apr 2016 13:43

Tgt Ion: 276 Resp: 4
Ion Ratio Lower Upper
276 100
277 113.0 18.9 28.3#
138 137.0 22.5 33.7#

