

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
 Data File : BM007969.D
 Acq On : 21 Nov 2016 21:41
 Operator : UM/SJ
 Sample : H5695-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHST5

Quant Time: Nov 22 05:00:51 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 04:57:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	612	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2029	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1251	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.19	188	147263	0.40	ng/ul	0.07
16) Chrysene-d12	21.31	240	2621	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	123247	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.12	152	724	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	1825	0.00	ng/ul	-0.01

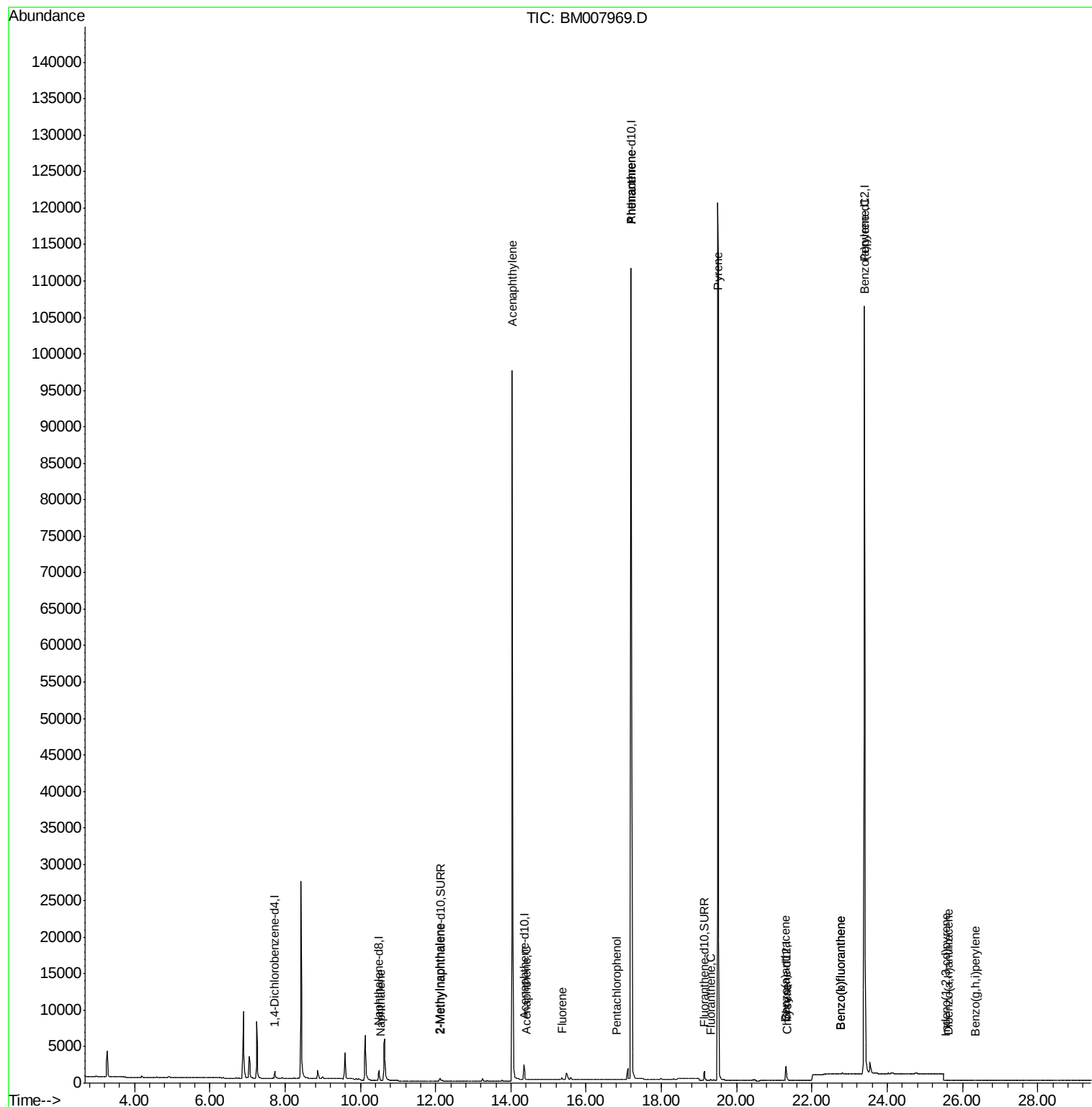
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	43	0.01	ng/ul#	1
5) 2-Methylnaphthalene	12.11	142	1	0.00	ng/ul	90
7) Acenaphthylene	14.04	152	18	0.00	ng/ul#	1
8) Acenaphthene	14.42	153	14	0.00	ng/ul#	70
9) Fluorene	15.36	166	306	0.06	ng/ul#	32
11) Pentachlorophenol	16.82	266	9	0.00	ng/ul#	35
12) Phenanthrene	17.19	178	93	0.00	ng/ul#	1
13) Anthracene	17.19	178	87	0.00	ng/ul#	1
15) Fluoranthene	19.31	202	4	0.00	ng/ul#	1
17) Pyrene	19.50	202	380	0.04	ng/ul#	1
18) Benzo(a)anthracene	21.30	228	62	0.01	ng/ul#	9
19) Chrysene	21.35	228	221	0.02	ng/ul#	54
21) Benzo(b)fluoranthene	22.76	252	6	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.76	252	6	0.00	ng/ul#	1
23) Benzo(a)pyrene	23.39	252	708	0.00	ng/ul#	33
24) Indeno(1,2,3-cd)pyrene	25.57	276	465	0.00	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.63	278	1148	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.33	276	10	0.00	ng/ul#	1

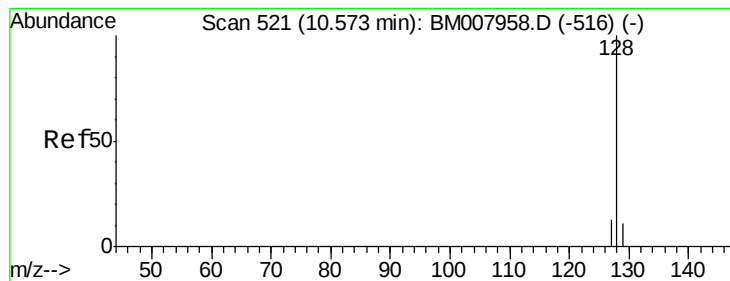
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.01 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.02 min

Lab File: BM007969.D

Acq: 21 Nov 2016 21:41

Instrument :

BNA_M

ClientSampleId :

JHST5

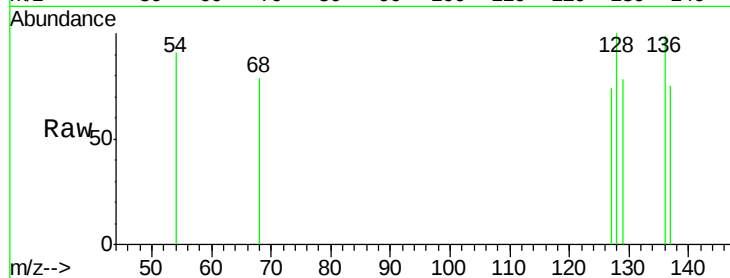
Tgt Ion:128 Resp: 43

Ion Ratio Lower Upper

128 100

129 77.9 11.3 16.9#

127 73.5 12.8 19.2#



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

150

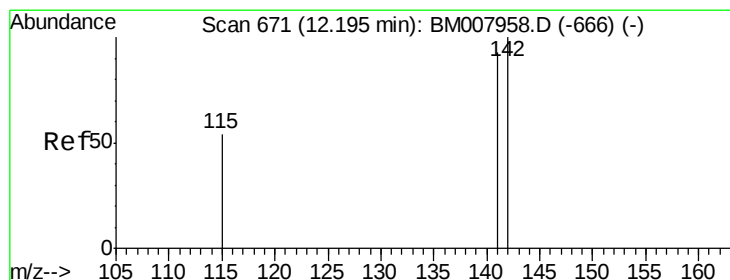
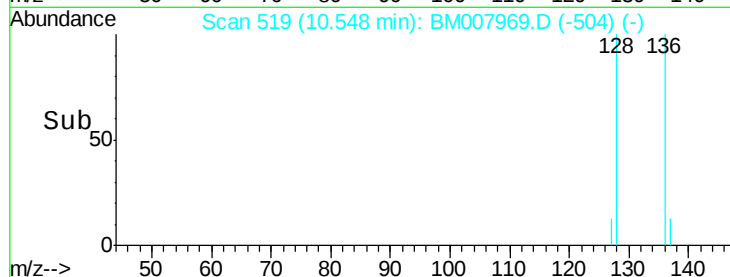
100

50

0

10.50 10.55 10.60

Time-->



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.11 min Scan# 663

Delta R.T. -0.08 min

Lab File: BM007969.D

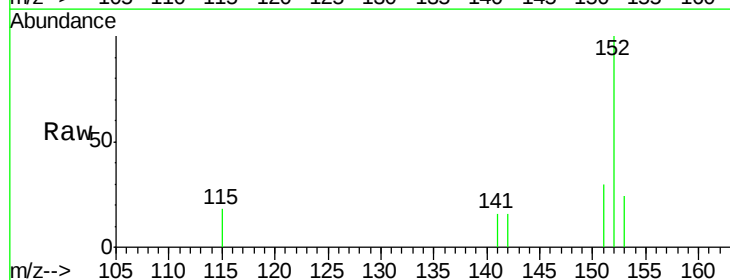
Acq: 21 Nov 2016 21:41

Tgt Ion:142 Resp: 1

Ion Ratio Lower Upper

142 100

141 100.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

50

40

30

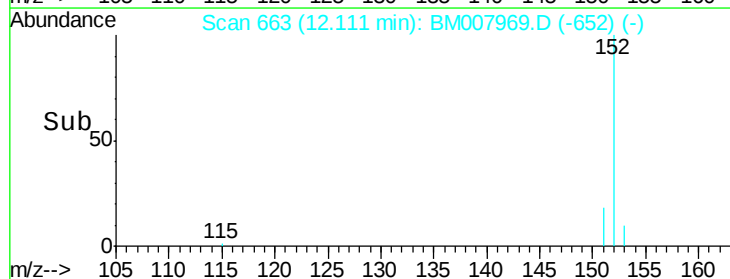
20

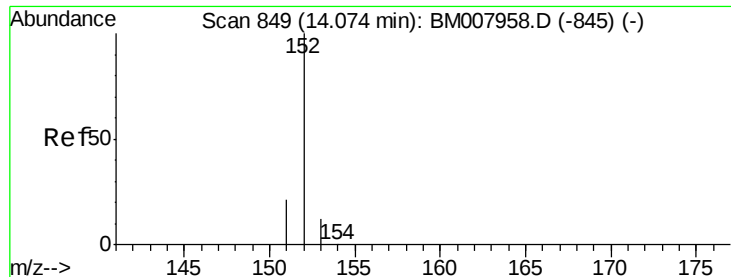
10

0

12.08 12.10 12.12 12.14

Time-->





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.03 min

Lab File: BM007969.D

Acq: 21 Nov 2016 21:41

Instrument :

BNA_M

ClientSampleId :

JHST5

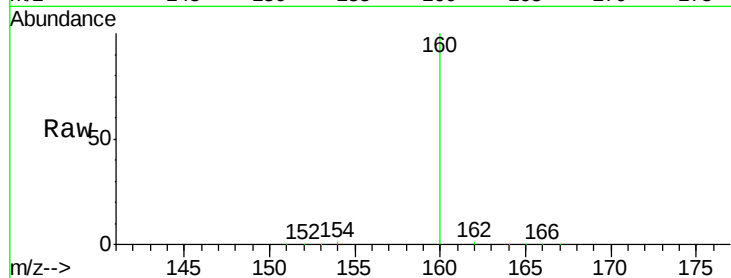
Tgt Ion:152 Resp: 18

Ion Ratio Lower Upper

152 100

151 92.6 17.1 25.7#

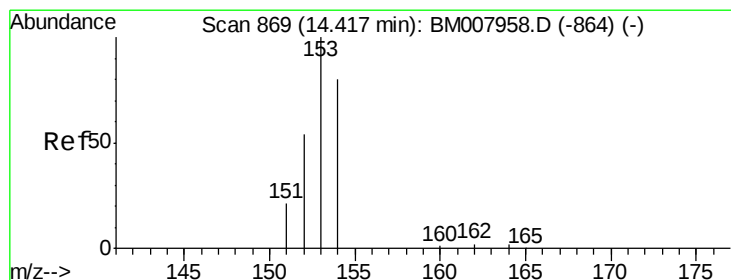
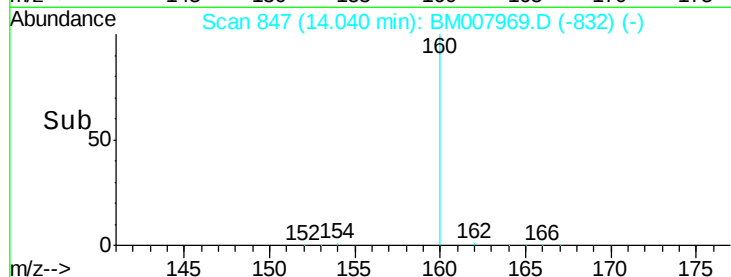
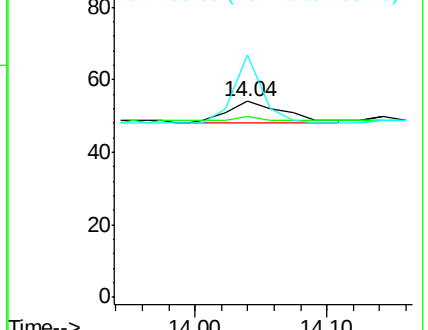
153 124.1 12.8 19.2#



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: 0.00 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM007969.D

Acq: 21 Nov 2016 21:41

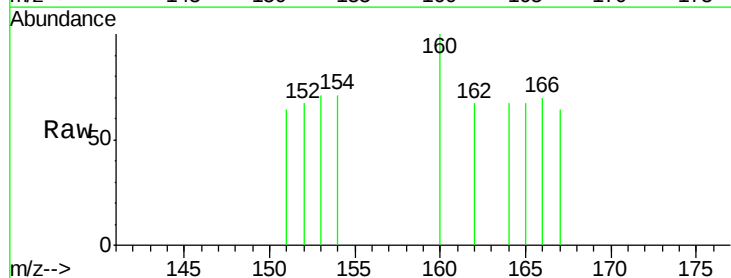
Tgt Ion:153 Resp: 14

Ion Ratio Lower Upper

153 100

152 94.4 40.3 60.5#

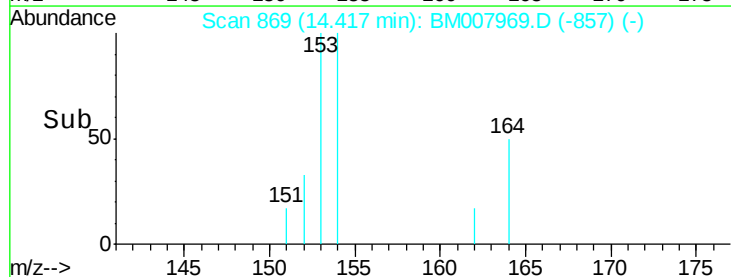
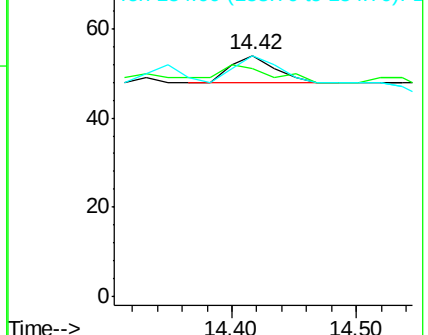
154 100.0 71.4 107.2

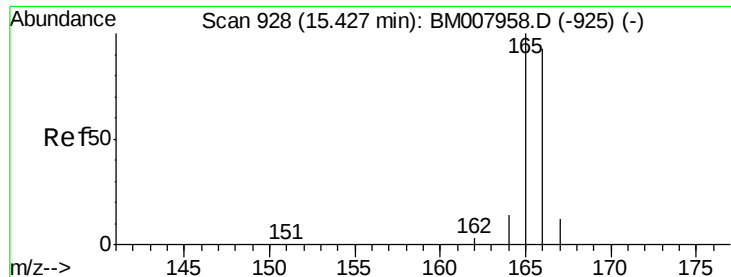


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

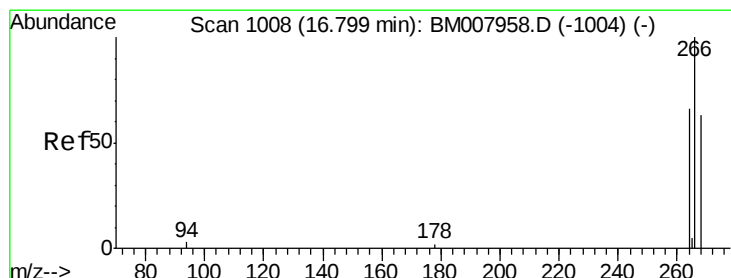
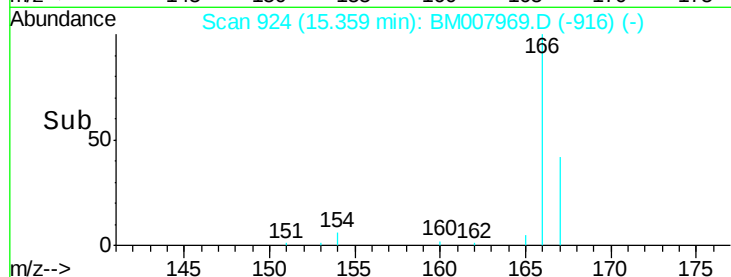
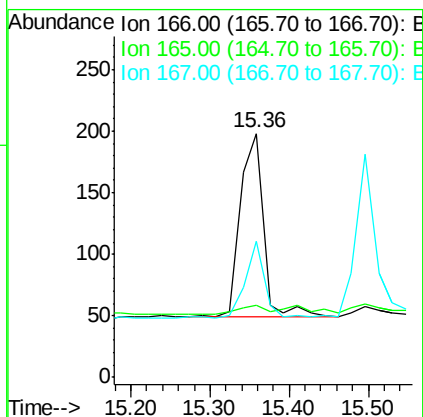
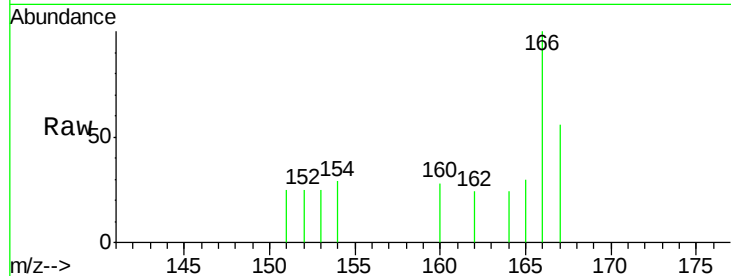




#9
Fluorene
 Concen: 0.06 ng/ul
 RT: 15.36 min Scan# 924
 Delta R.T. -0.07 min
 Lab File: BM007969.D
 Acq: 21 Nov 2016 21:41

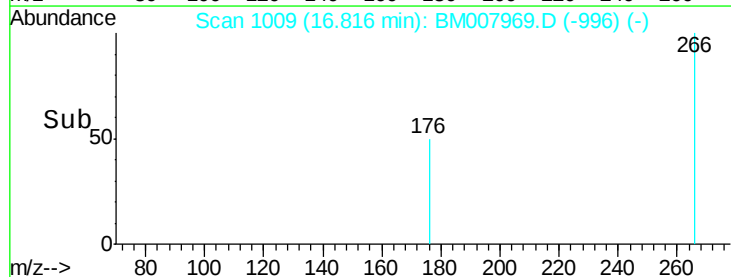
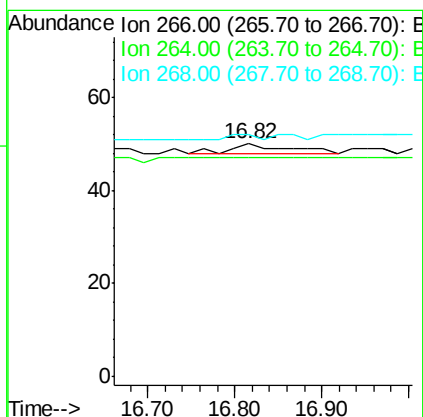
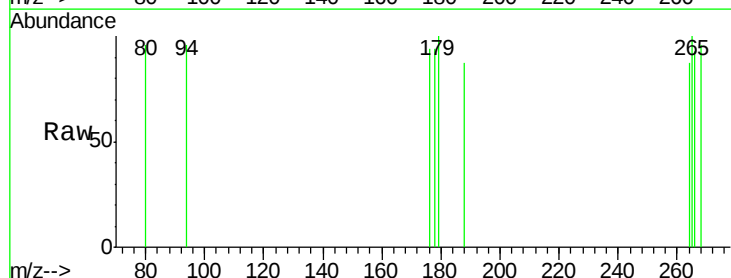
Instrument :
 BNA_M
 ClientSampleId :
 JHST5

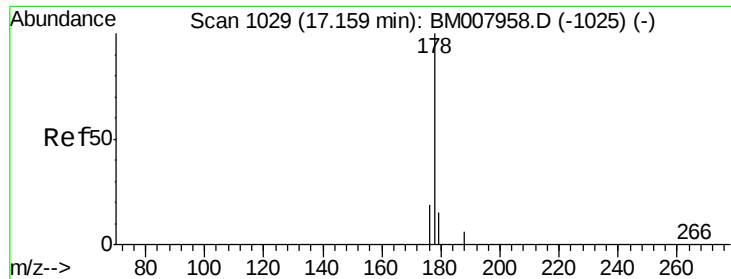
Tgt Ion:166 Resp: 306
 Ion Ratio Lower Upper
 166 100
 165 29.8 73.4 110.2#
 167 56.1 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.82 min Scan# 1009
 Delta R.T. 0.02 min
 Lab File: BM007969.D
 Acq: 21 Nov 2016 21:41

Tgt Ion:266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.9 71.9#
 268 22.2 49.8 74.8#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.19 min Scan# 1031

Delta R.T. 0.03 min

Lab File: BM007969.D

Acq: 21 Nov 2016 21:41

Instrument :

BNA_M

ClientSampleId :

JHST5

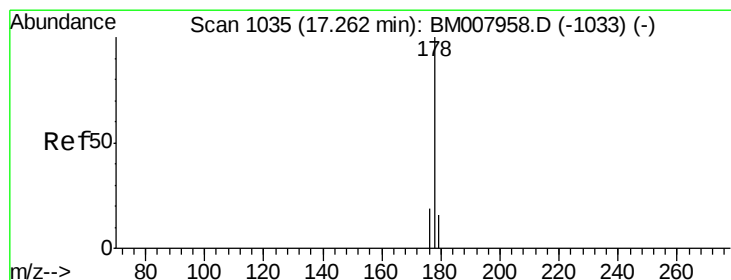
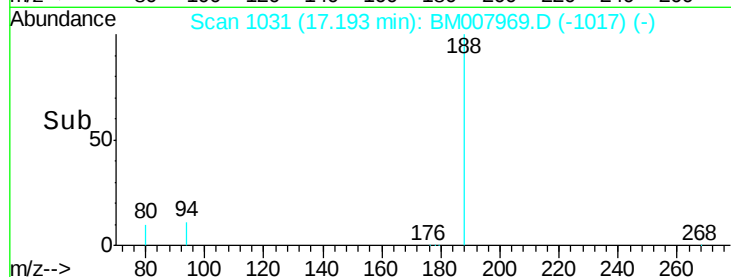
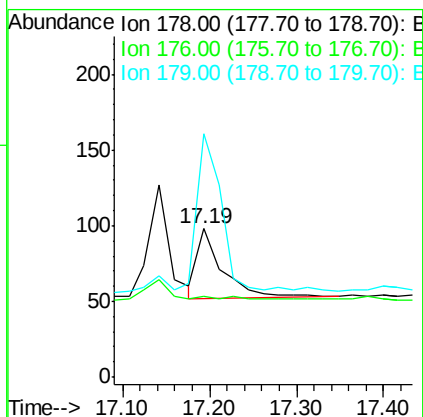
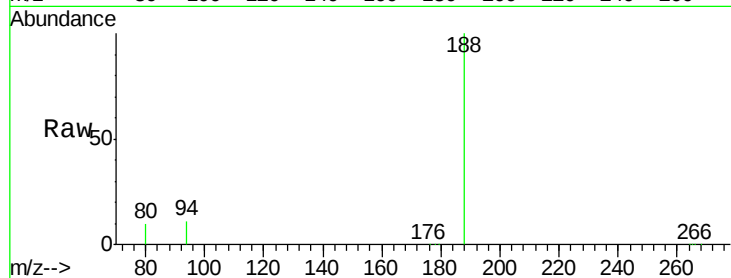
Tgt Ion:178 Resp: 93

Ion Ratio Lower Upper

178 100

176 54.1 18.4 27.6#

179 164.3 13.6 20.4#



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.19 min Scan# 1031

Delta R.T. -0.07 min

Lab File: BM007969.D

Acq: 21 Nov 2016 21:41

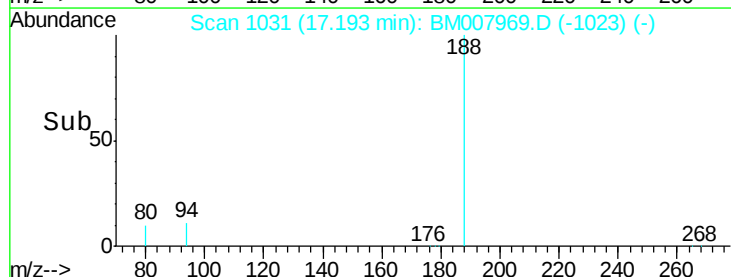
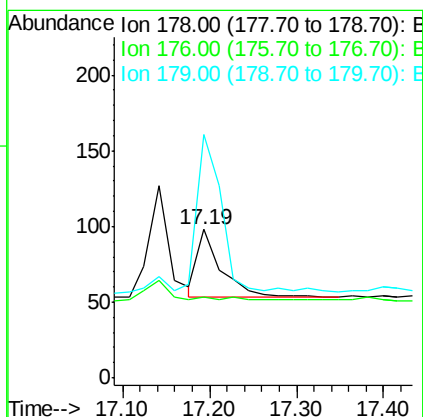
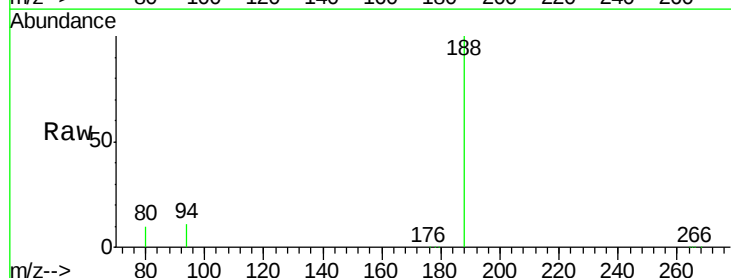
Tgt Ion:178 Resp: 87

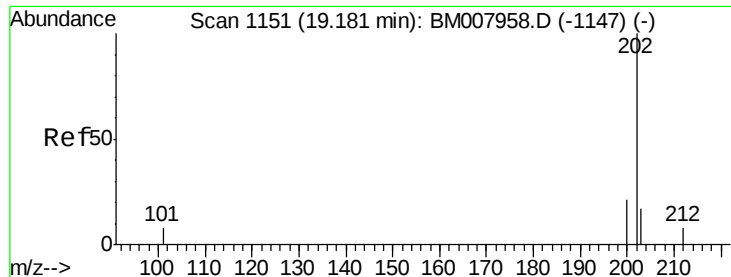
Ion Ratio Lower Upper

178 100

176 54.1 18.1 27.1#

179 164.3 14.7 22.1#

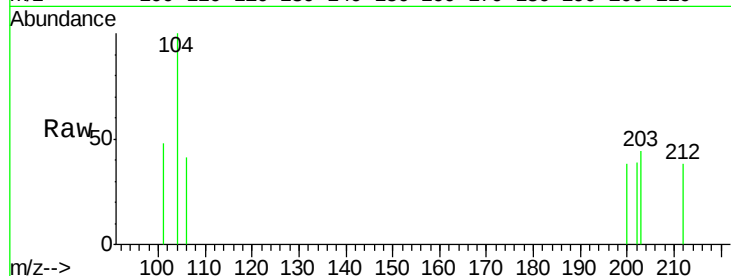




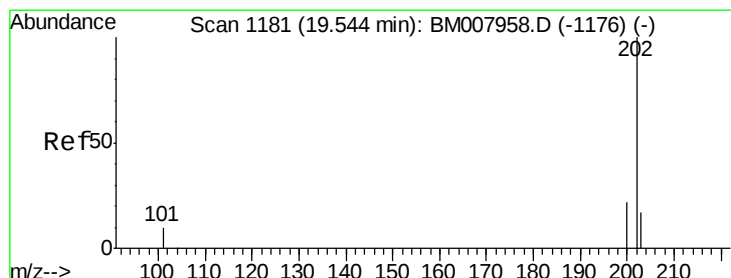
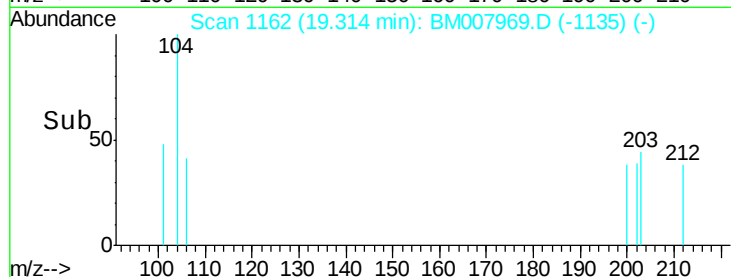
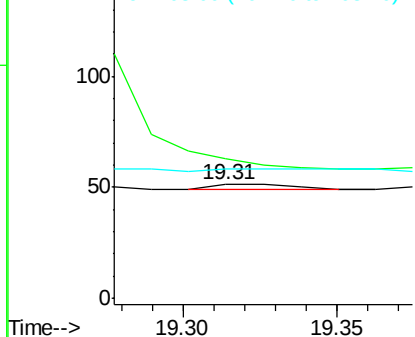
#15
 Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.31 min Scan# 1162
 Delta R.T. 0.13 min
 Lab File: BM007969.D
 Acq: 21 Nov 2016 21:41

Instrument :
 BNA_M
 ClientSampleId :
 JHST5

Tgt Ion: 202 Resp: 4
 Ion Ratio Lower Upper
 202 100
 101 123.5 0.0 30.3#
 203 113.7 0.0 39.5#

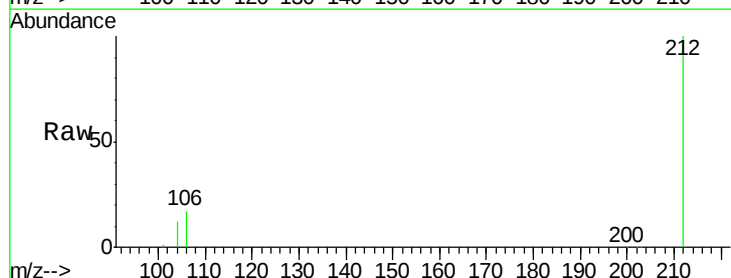


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

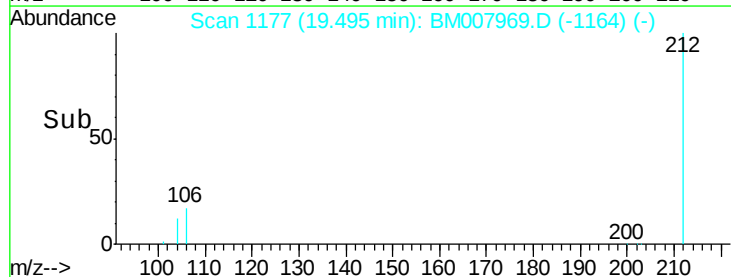
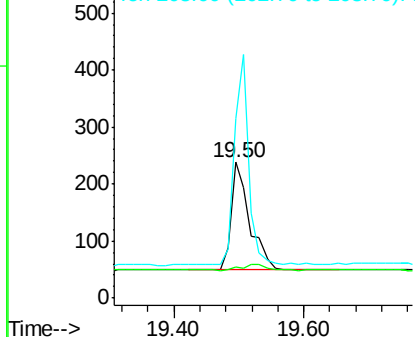


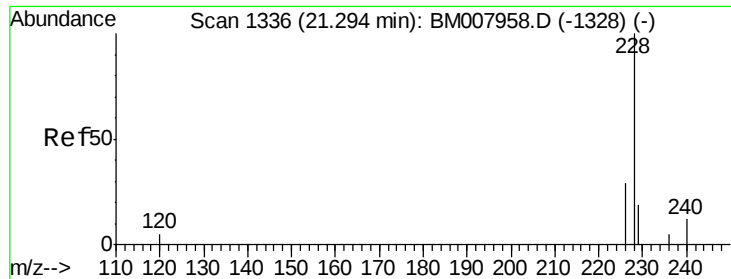
#17
 Pyrene
 Concen: 0.04 ng/ul
 RT: 19.50 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BM007969.D
 Acq: 21 Nov 2016 21:41

Tgt Ion: 202 Resp: 380
 Ion Ratio Lower Upper
 202 100
 200 23.1 18.2 27.4
 203 132.8 15.6 23.4#



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: 0.01 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BM007969.D

Acq: 21 Nov 2016 21:41

Instrument :

BNA_M

ClientSampleId :

JHST5

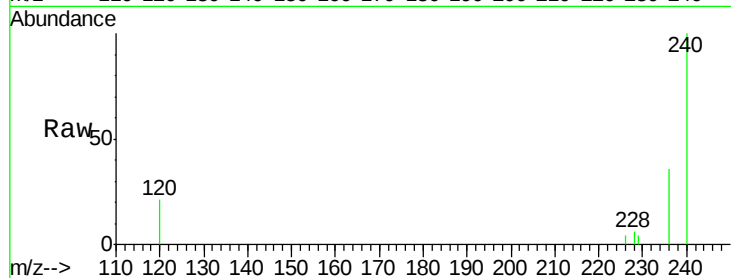
Tgt Ion:228 Resp: 62

Ion Ratio Lower Upper

228 100

226 71.6 22.8 34.2#

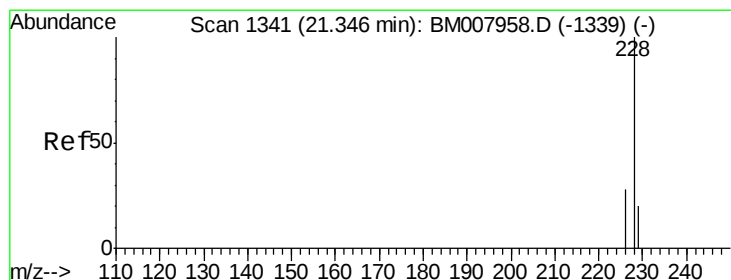
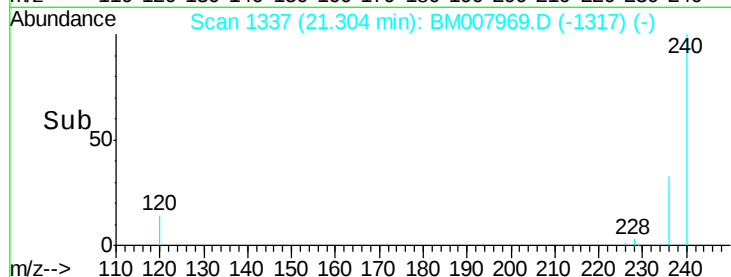
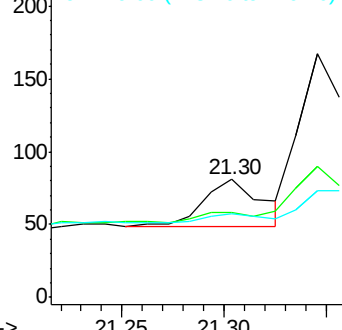
229 70.4 17.0 25.6#



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



#19

Chrysene

Concen: 0.02 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM007969.D

Acq: 21 Nov 2016 21:41

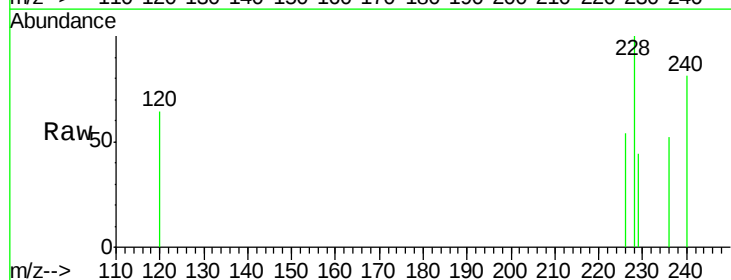
Tgt Ion:228 Resp: 221

Ion Ratio Lower Upper

228 100

226 53.9 23.4 35.0#

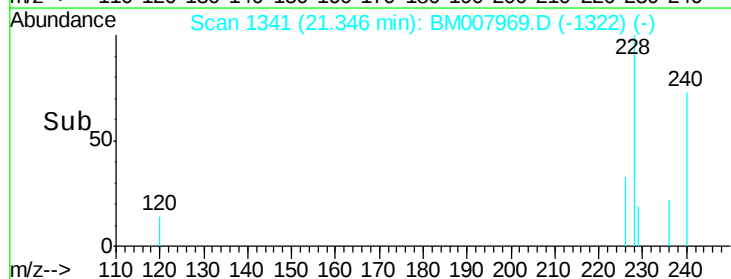
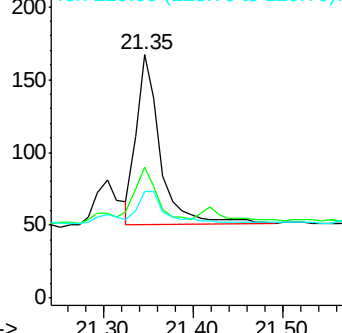
229 43.7 17.7 26.5#

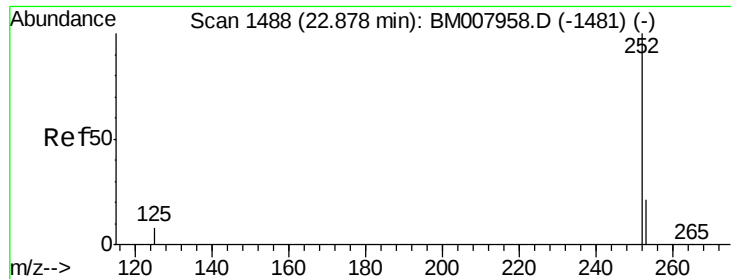


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.76 min Scan# 1477

Delta R.T. -0.11 min

Lab File: BM007969.D

Acq: 21 Nov 2016 21:41

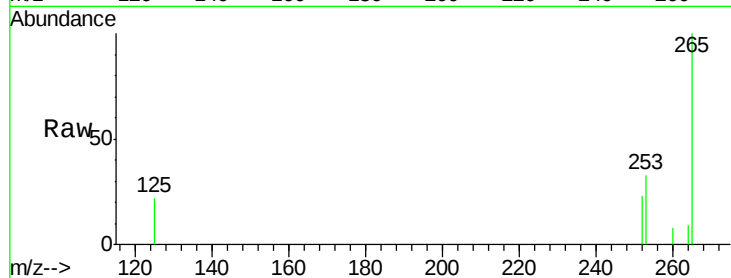
Instrument :

BNA_M

ClientSampleId :

JHST5

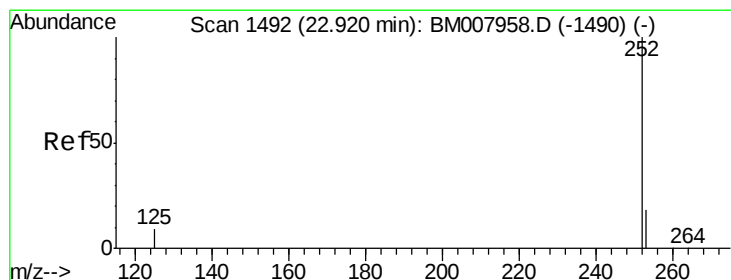
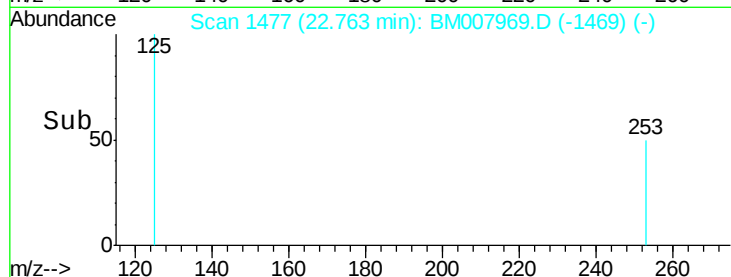
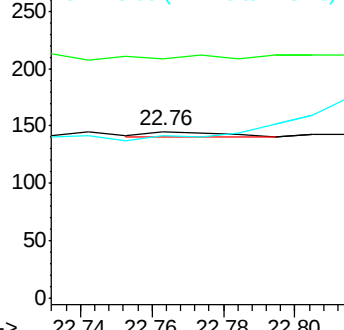
Tgt Ion:	252	Resp:	6
Ion	Ratio	Lower	Upper
252	100		
253	144.1	0.0	64.2#
125	97.9	0.0	35.0#



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



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

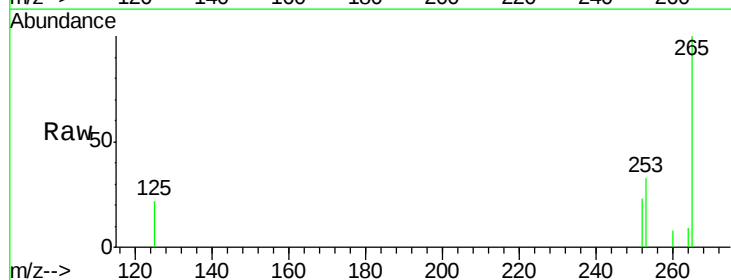
RT: 22.76 min Scan# 1477

Delta R.T. -0.16 min

Lab File: BM007969.D

Acq: 21 Nov 2016 21:41

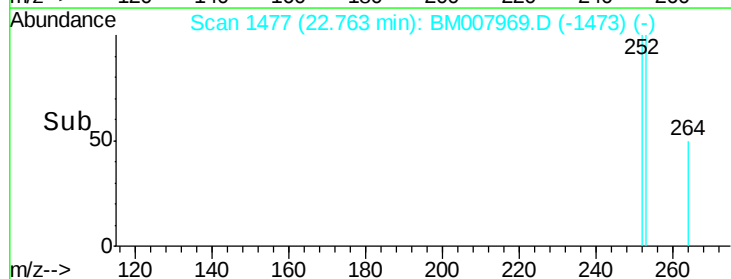
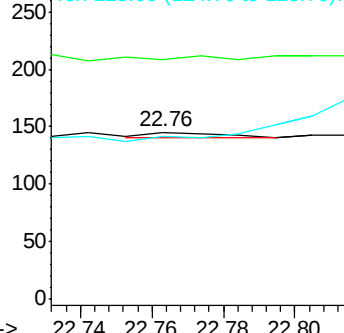
Tgt Ion:	252	Resp:	6
Ion	Ratio	Lower	Upper
252	100		
253	144.1	24.5	36.7#
125	97.9	13.7	20.5#

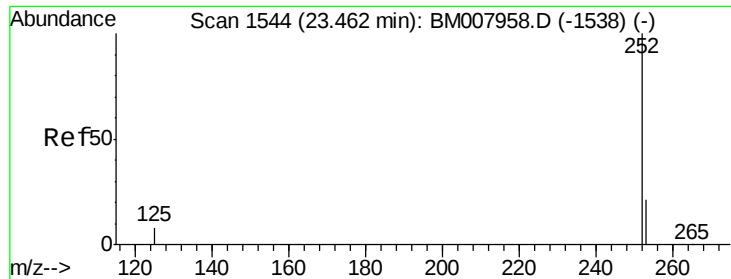


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.39 min Scan# 1537

Delta R.T. -0.07 min

Lab File: BM007969.D

Acq: 21 Nov 2016 21:41

Instrument :

BNA_M

ClientSampled :

JHST5

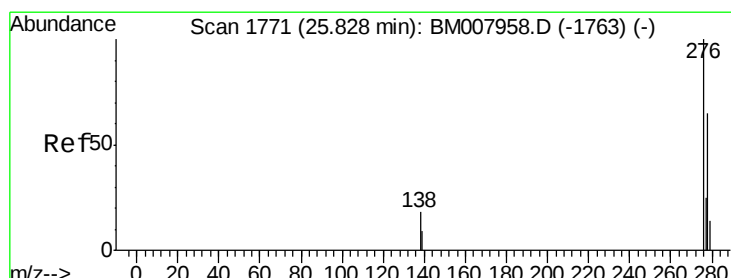
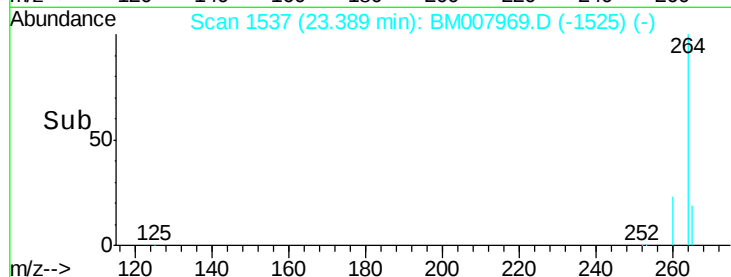
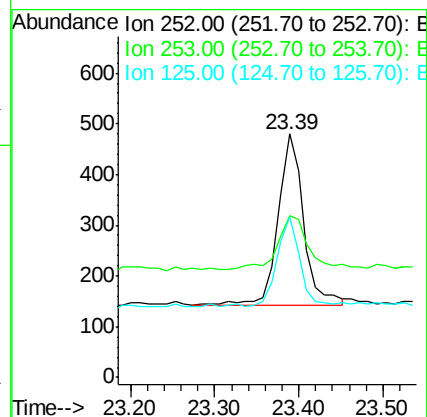
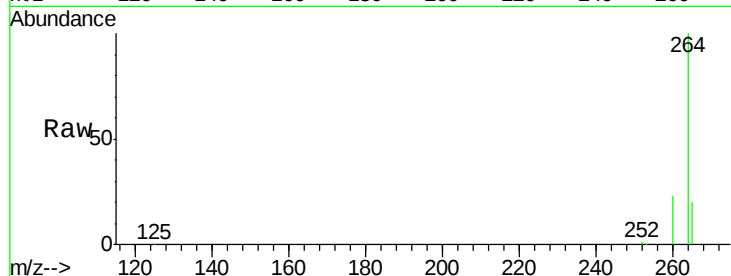
Tgt Ion:252 Resp: 708

Ion Ratio Lower Upper

252 100

253 66.7 28.5 42.7#

125 65.8 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.57 min Scan# 1746

Delta R.T. -0.26 min

Lab File: BM007969.D

Acq: 21 Nov 2016 21:41

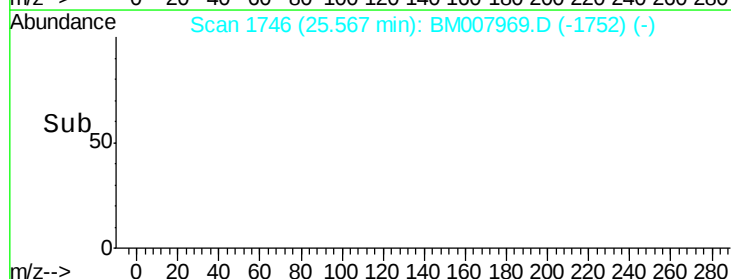
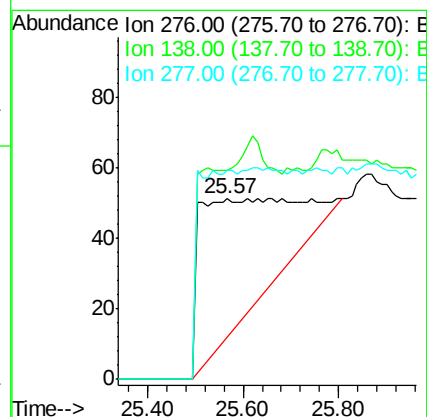
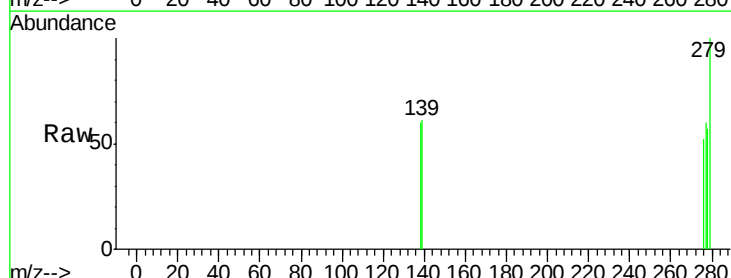
Tgt Ion:276 Resp: 465

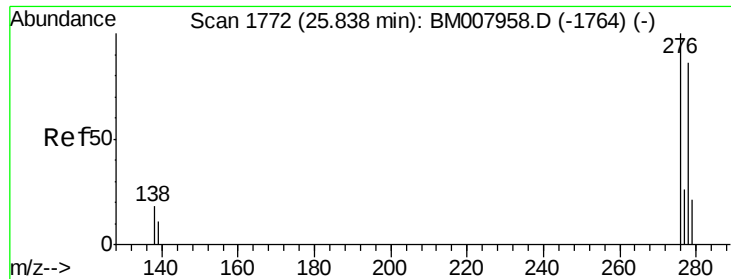
Ion Ratio Lower Upper

276 100

138 0.0 19.1 28.7#

277 0.0 19.6 29.4#





#25

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.63 min Scan# 1752

Delta R.T. -0.21 min

Lab File: BM007969.D

Acq: 21 Nov 2016 21:41

Instrument :

BNA_M

ClientSampleId :

JHST5

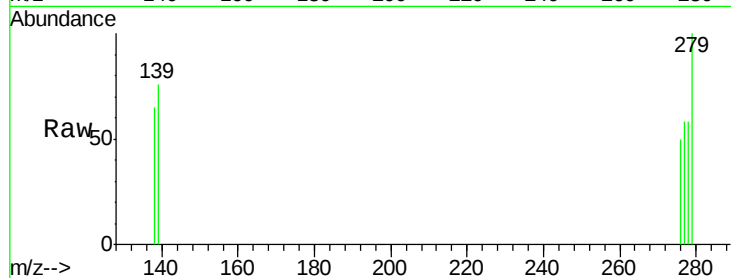
Tgt Ion: 278 Resp: 1148

Ion Ratio Lower Upper

278 100

139 130.0 17.4 26.0#

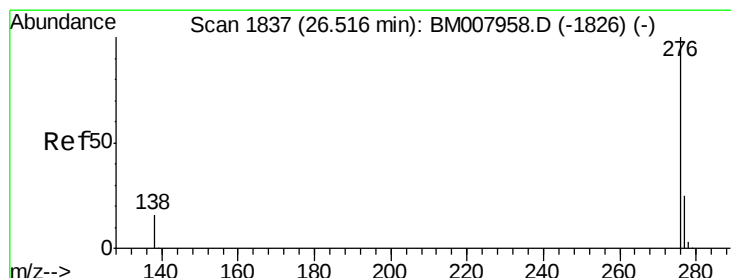
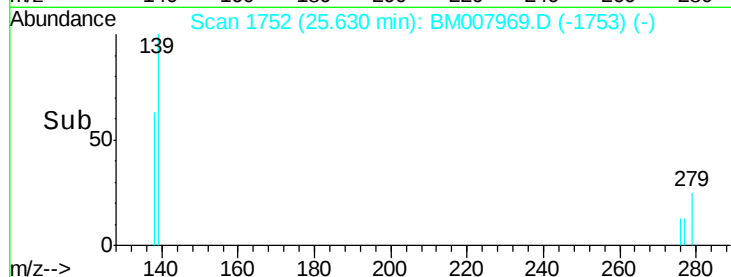
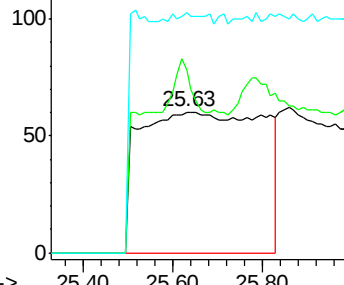
279 171.7 25.9 38.9#



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: 0.00 ng/ul

RT: 26.33 min Scan# 1819

Delta R.T. -0.19 min

Lab File: BM007969.D

Acq: 21 Nov 2016 21:41

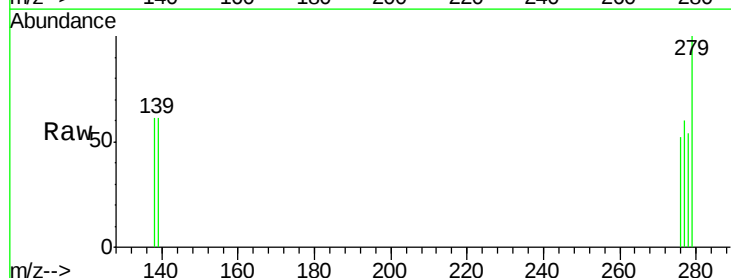
Tgt Ion: 276 Resp: 10

Ion Ratio Lower Upper

276 100

277 115.7 21.8 32.8#

138 117.6 20.5 30.7#



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

