

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008054.D
 Acq On : 24 Nov 2016 03:12
 Operator : UM/SJ
 Sample : H5694-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSS0

Quant Time: Nov 24 04:14:05 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	735	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2469	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1470	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.19	188	97367	0.40	ng/ul	0.09
16) Chrysene-d12	21.29	240	2970	0.40	ng/ul	-0.01
20) Perylene-d12	23.53	264	2955	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	520	0.15	ng/ul	-0.02
14) Fluoranthene-d10	19.13	212	1290	0.00	ng/ul	-0.01

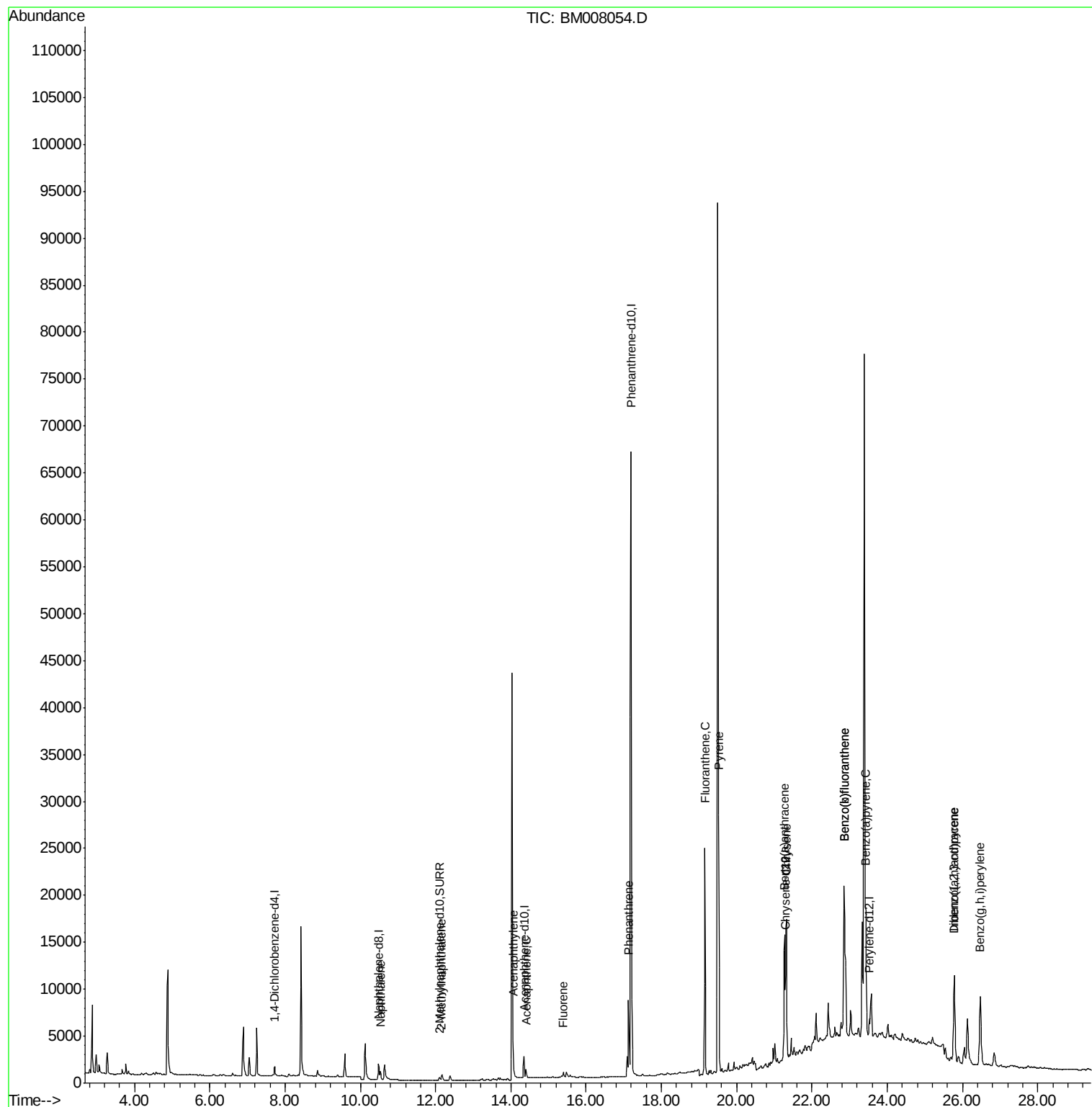
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	1253	0.18	ng/ul#	92
5) 2-Methylnaphthalene	12.16	142	593	0.13	ng/ul	98
7) Acenaphthylene	14.06	152	814	0.12	ng/ul#	85
8) Acenaphthene	14.40	153	570	0.11	ng/ul	94
9) Fluorene	15.39	166	437	0.08	ng/ul#	71
12) Phenanthrene	17.12	178	10196	0.03	ng/ul	97
15) Fluoranthene	19.16	202	22369	0.06	ng/ul	94
17) Pyrene	19.52	202	25612	2.48	ng/ul	97
18) Benzo(a)anthracene	21.27	228	13081	1.43	ng/ul#	92
19) Chrysene	21.32	228	16988	1.50	ng/ul#	94
21) Benzo(b)fluoranthene	22.86	252	35149	2.98	ng/ul	91
22) Benzo(k)fluoranthene	22.86	252	35149	2.89	ng/ul#	93
23) Benzo(a)pyrene	23.43	252	18654	1.69	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	25.78	276	15270	1.12	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.79	278	4321	0.39	ng/ul#	56
26) Benzo(g,h,i)perylene	26.47	276	16231	1.34	ng/ul	97

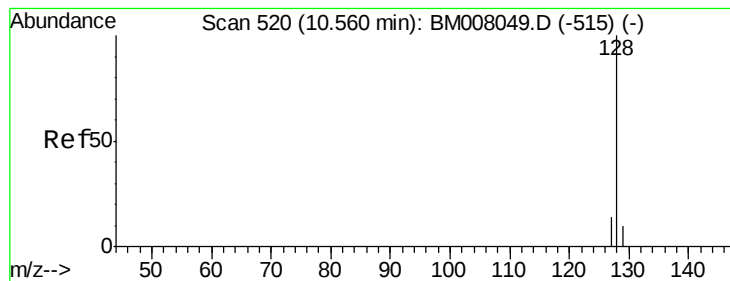
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.18 ng/ul

RT: 10.54 min Scan# 518

Delta R.T. -0.02 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

Instrument :

BNA_M

ClientSampleId :

JHSS0

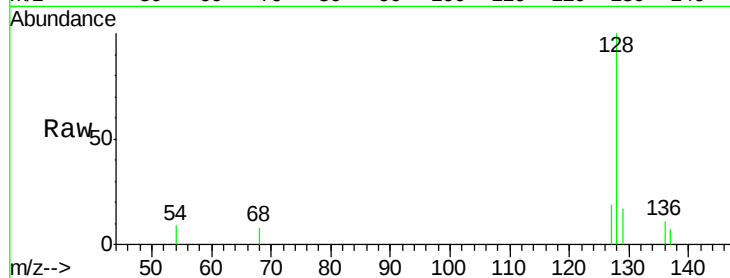
Tgt Ion:128 Resp: 1253

Ion Ratio Lower Upper

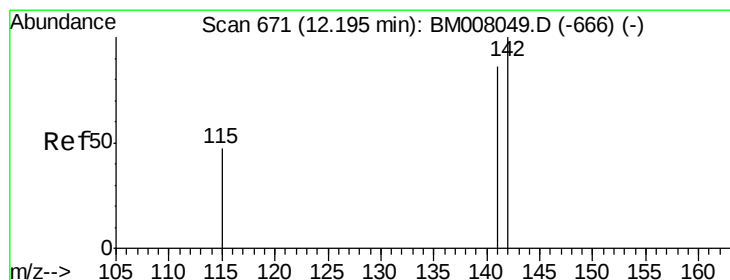
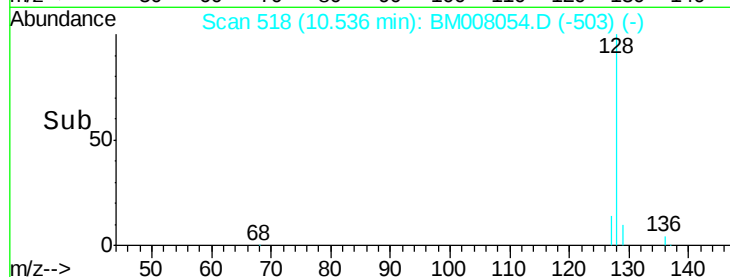
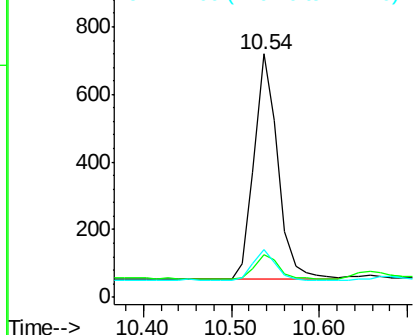
128 100

129 17.2 11.3 16.9#

127 19.4 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



#5

2-Methylnaphthalene

Concen: 0.13 ng/ul

RT: 12.16 min Scan# 668

Delta R.T. -0.03 min

Lab File: BM008054.D

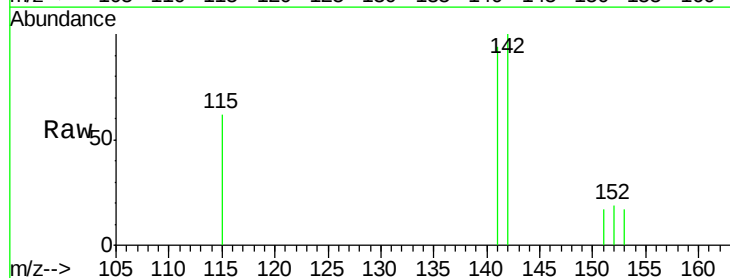
Acq: 24 Nov 2016 03:12

Tgt Ion:142 Resp: 593

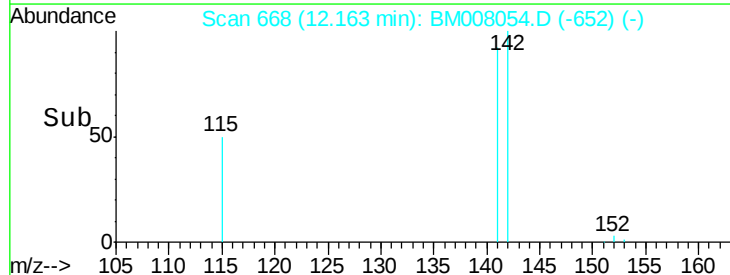
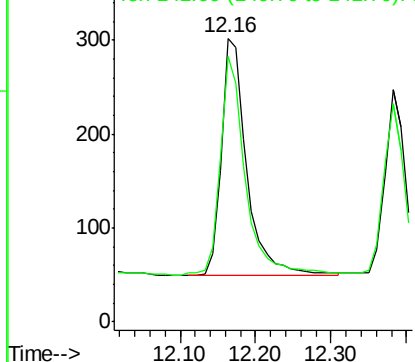
Ion Ratio Lower Upper

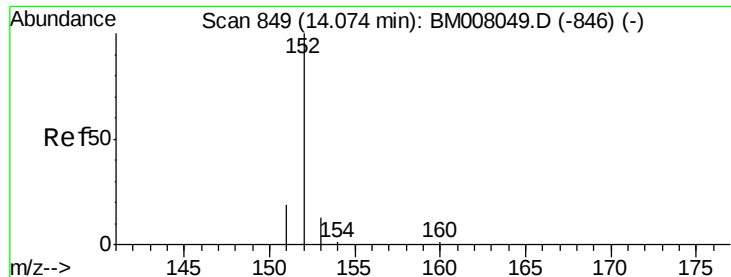
142 100

141 92.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.12 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.02 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

Instrument :

BNA_M

ClientSampleId :

JHSS0

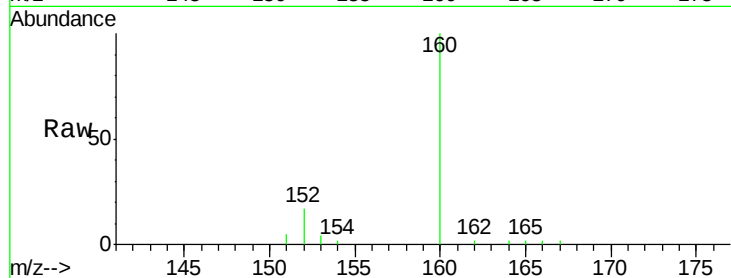
Tgt Ion:152 Resp: 814

Ion Ratio Lower Upper

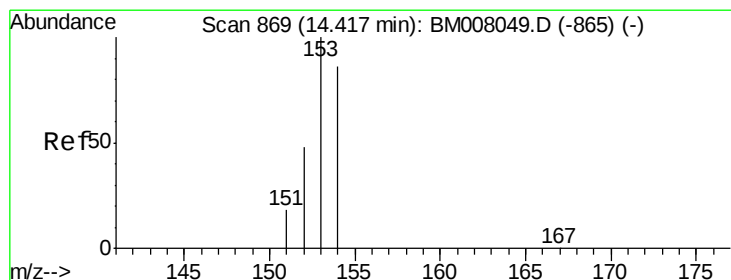
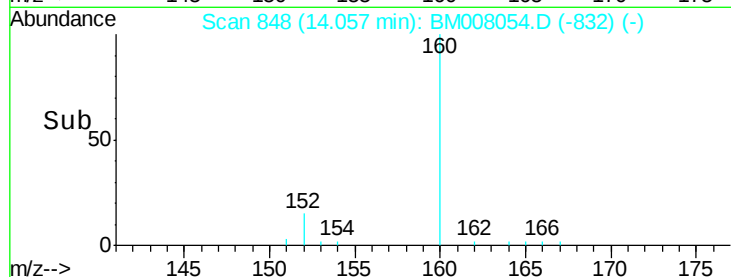
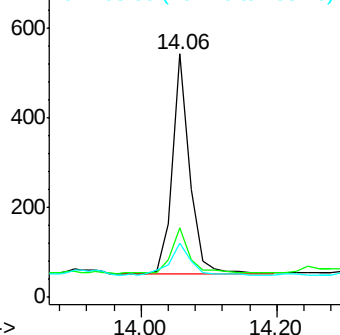
152 100

151 28.7 17.1 25.7#

153 22.3 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: 0.11 ng/ul

RT: 14.40 min Scan# 868

Delta R.T. -0.02 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

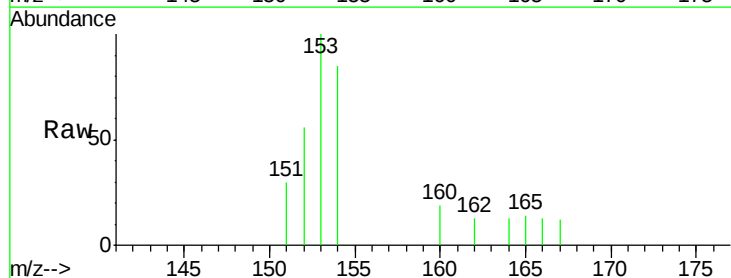
Tgt Ion:153 Resp: 570

Ion Ratio Lower Upper

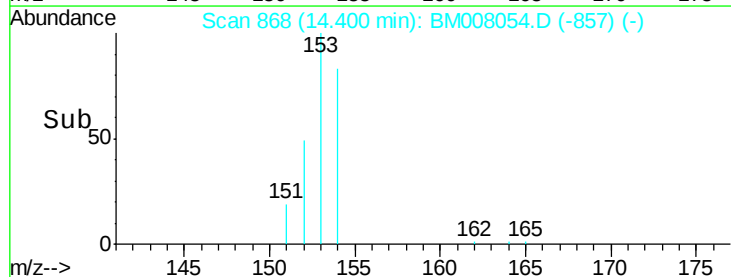
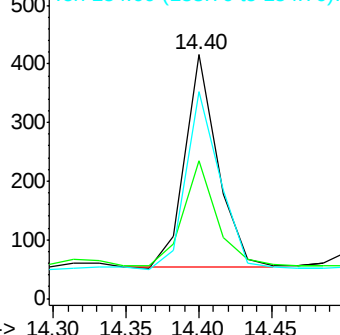
153 100

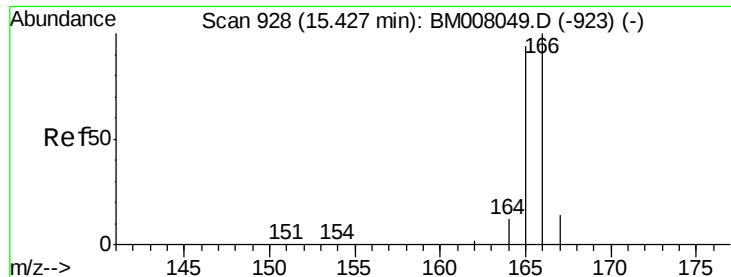
152 56.5 40.3 60.5

154 84.9 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: 0.08 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. -0.03 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

Instrument :

BNA_M

ClientSampleId :

JHSS0

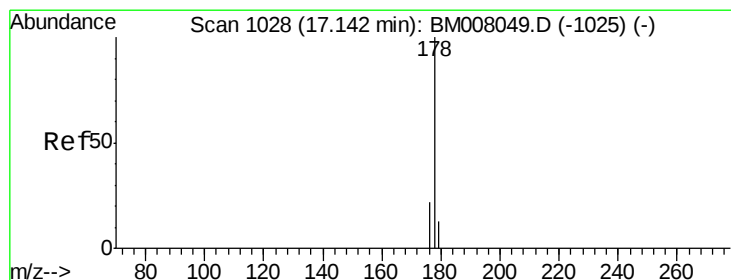
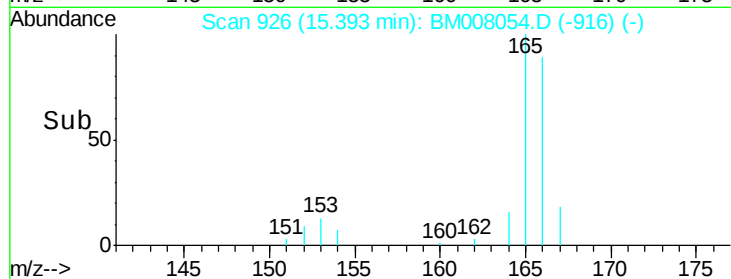
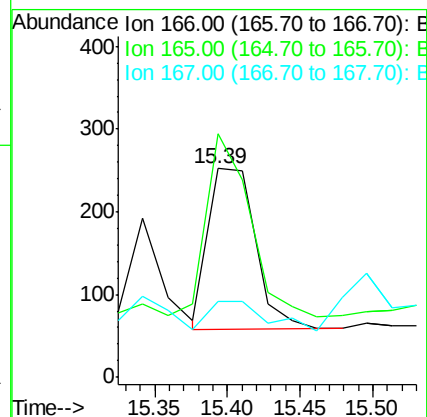
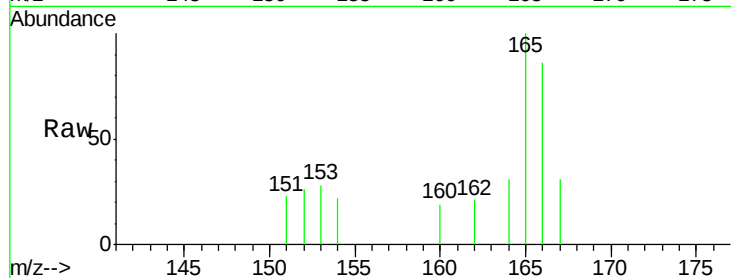
Tgt Ion:166 Resp: 437

Ion Ratio Lower Upper

166 100

165 116.7 73.4 110.2#

167 36.5 14.6 22.0#



#12

Phenanthrene

Concen: 0.03 ng/ul

RT: 17.12 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

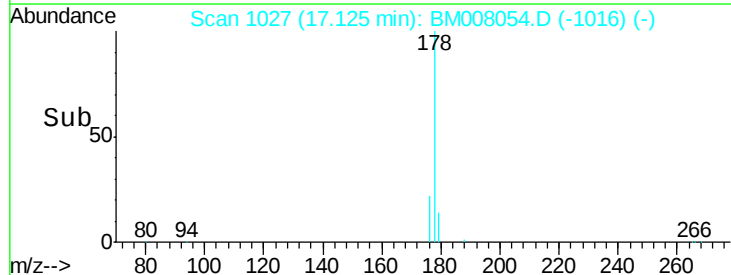
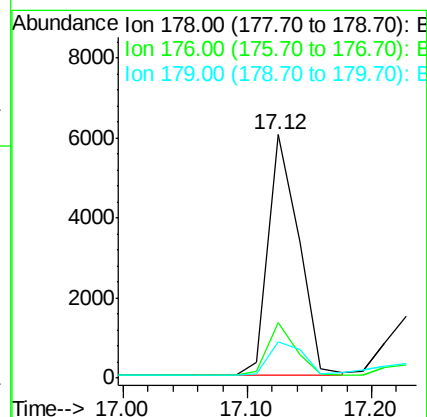
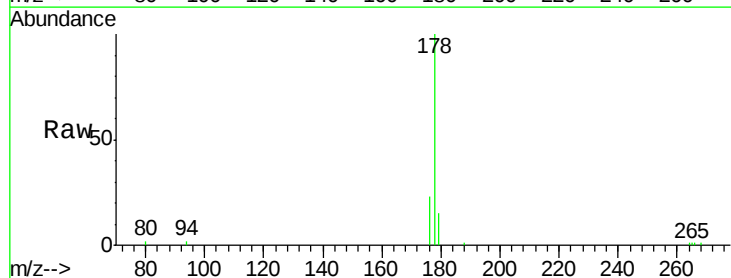
Tgt Ion:178 Resp: 10196

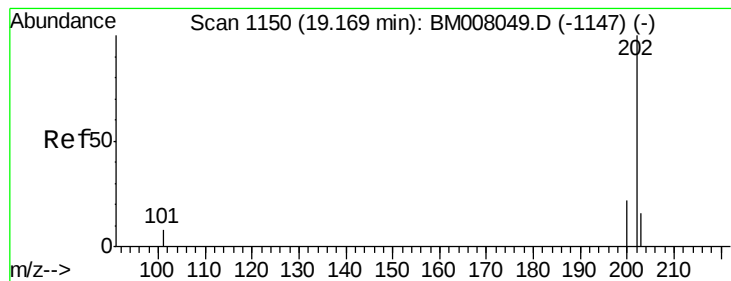
Ion Ratio Lower Upper

178 100

176 22.6 18.4 27.6

179 14.9 13.6 20.4





#15

Fluoranthene

Concen: 0.06 ng/ul

RT: 19.16 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

Instrument :

BNA_M

ClientSampleId :

JHSS0

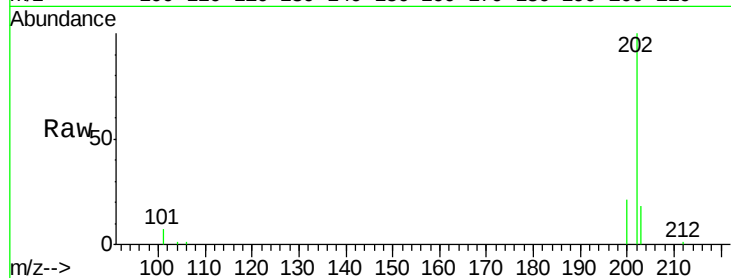
Tgt Ion:202 Resp: 22369

Ion Ratio Lower Upper

202 100

101 6.8 0.0 30.3

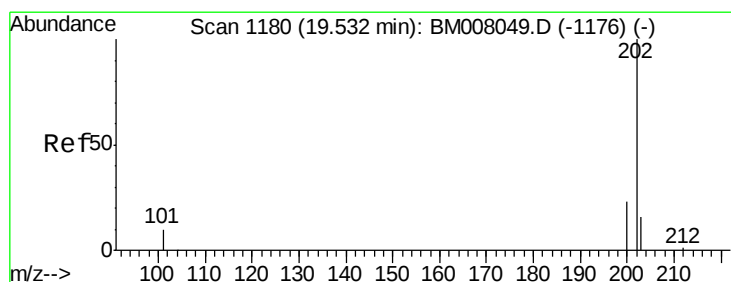
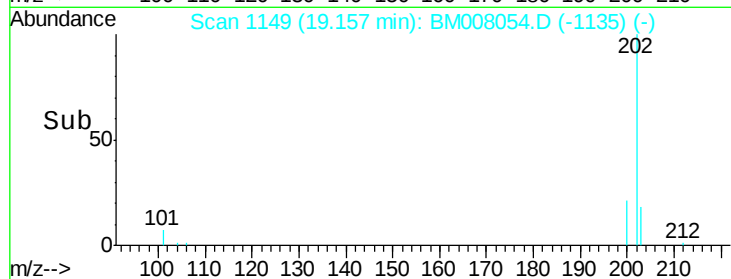
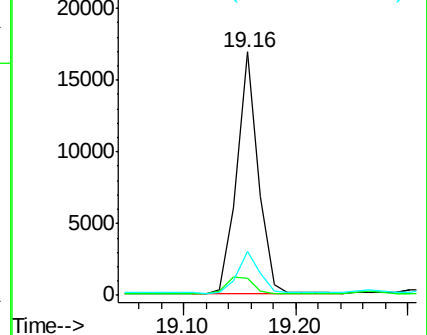
203 17.8 0.0 39.5



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: 2.48 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

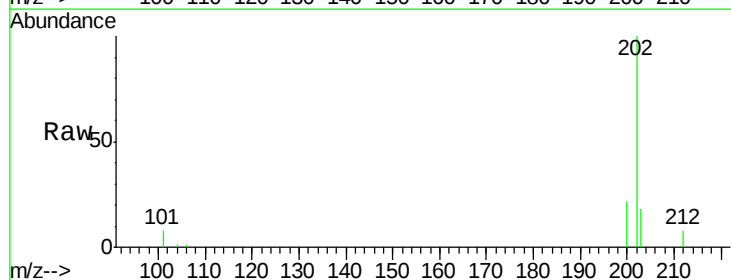
Tgt Ion:202 Resp: 25612

Ion Ratio Lower Upper

202 100

200 21.5 18.2 27.4

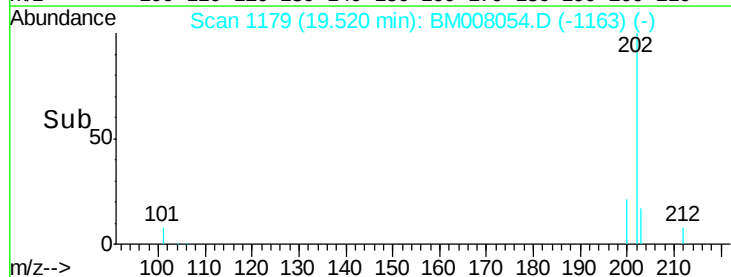
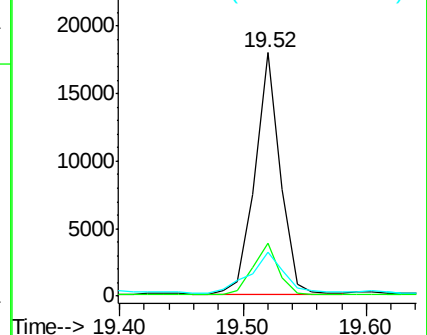
203 18.2 15.6 23.4

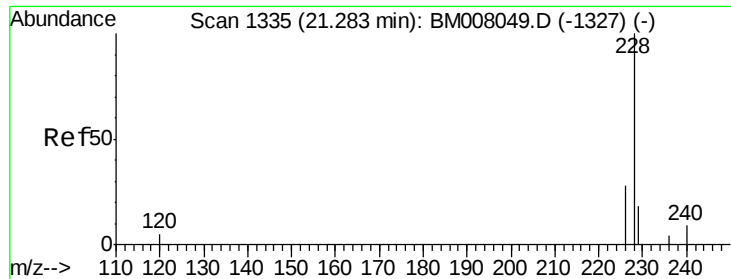


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 1.43 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

Instrument :

BNA_M

ClientSampleId :

JHSS0

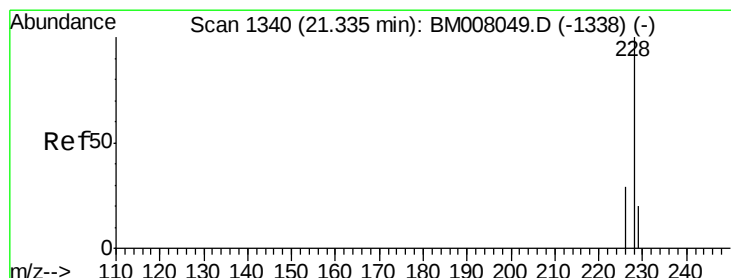
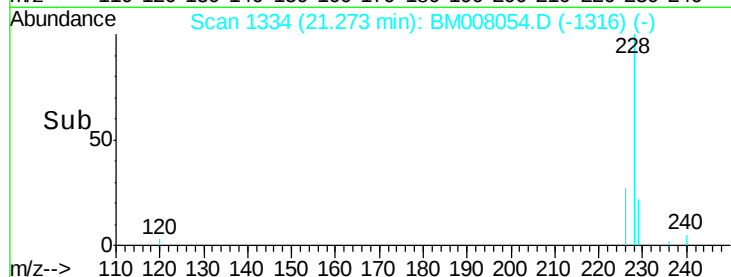
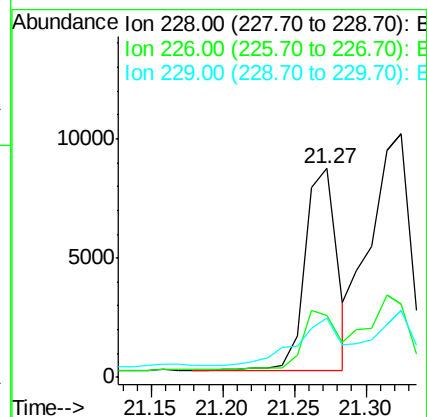
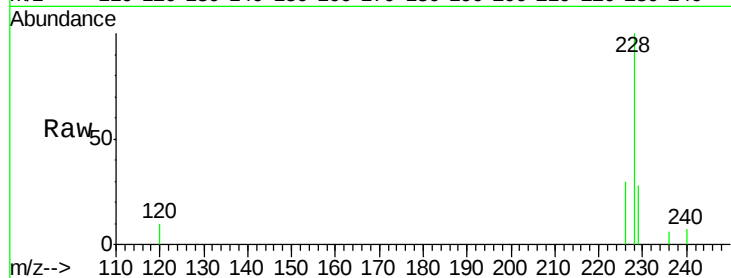
Tgt Ion:228 Resp: 13081

Ion Ratio Lower Upper

228 100

226 29.9 22.8 34.2

229 28.4 17.0 25.6#



#19

Chrysene

Concen: 1.50 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

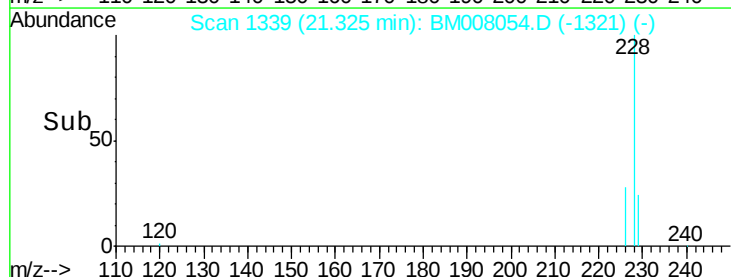
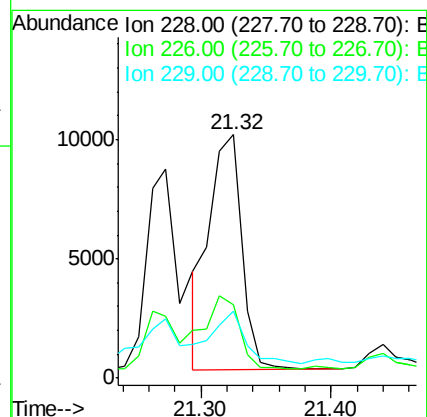
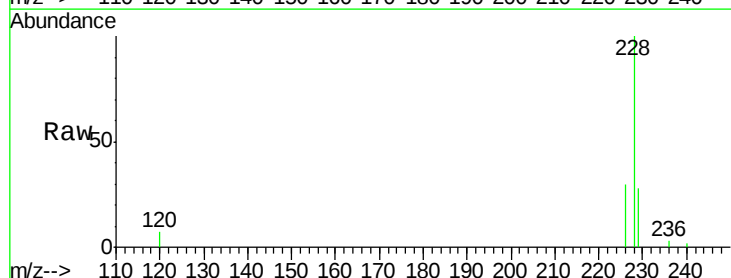
Tgt Ion:228 Resp: 16988

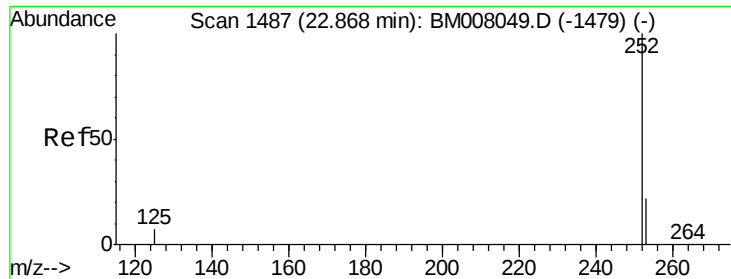
Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.0

229 27.7 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 2.98 ng/ul

RT: 22.86 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

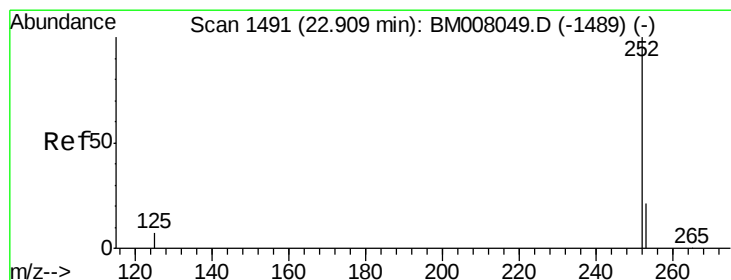
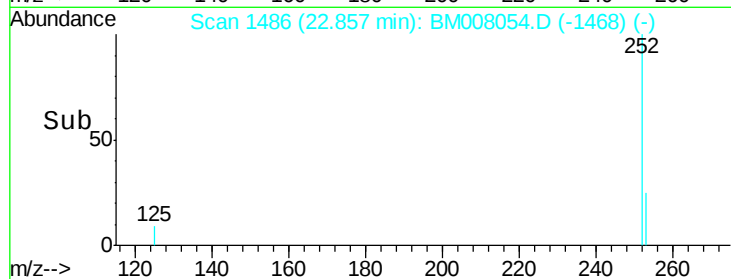
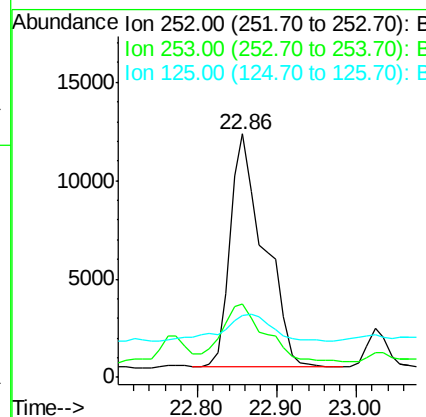
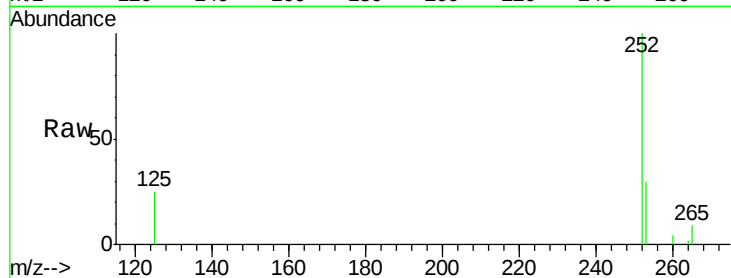
Instrument :

BNA_M

ClientSampleId :

JHSS0

Tgt Ion:	252	Resp:	35149
Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	64.2
125	25.4	0.0	35.0



#22

Benzo(k)fluoranthene

Concen: 2.89 ng/ul

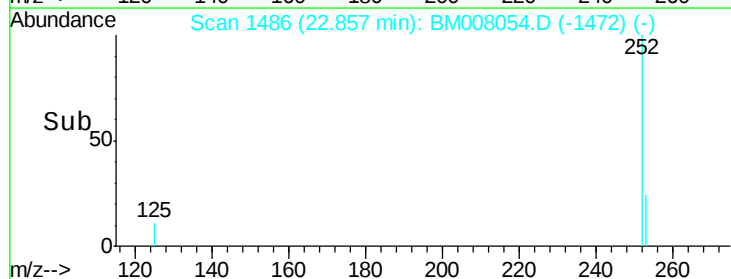
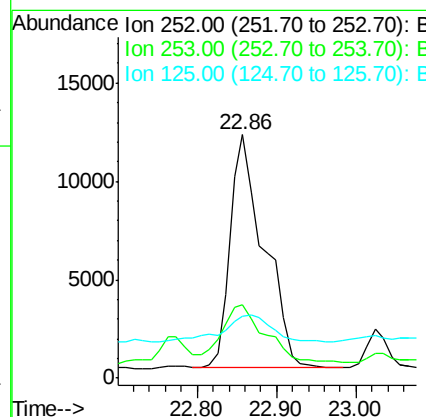
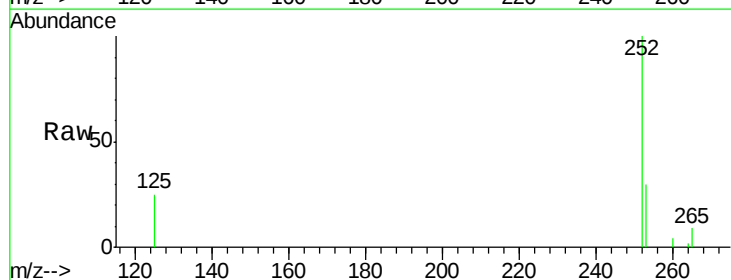
RT: 22.86 min Scan# 1486

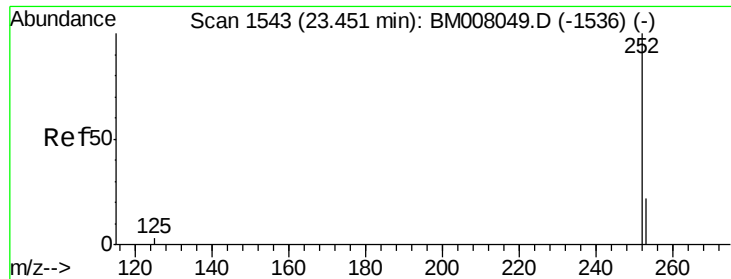
Delta R.T. -0.05 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

Tgt Ion:	252	Resp:	35149
Ion	Ratio	Lower	Upper
252	100		
253	30.2	24.5	36.7
125	25.4	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 1.69 ng/ul

RT: 23.43 min Scan# 1541

Delta R.T. -0.02 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

Instrument :

BNA_M

ClientSampleId :

JHSS0

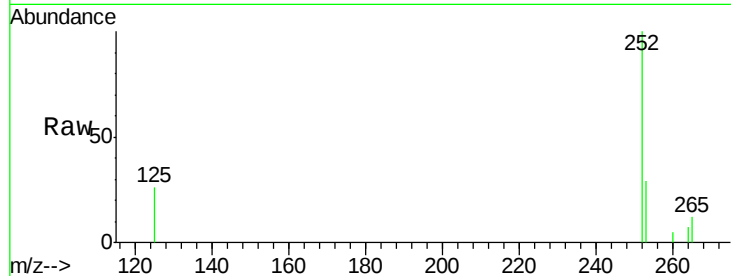
Tgt Ion: 252 Resp: 18654

Ion Ratio Lower Upper

252 100

253 28.8 28.5 42.7

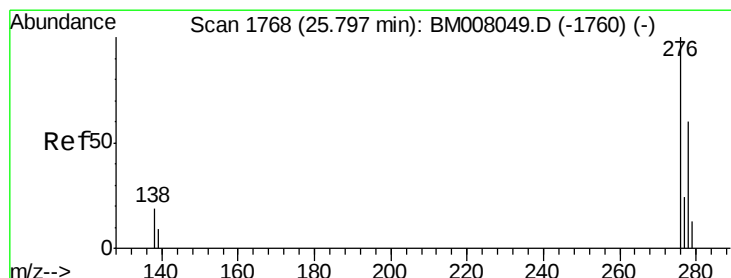
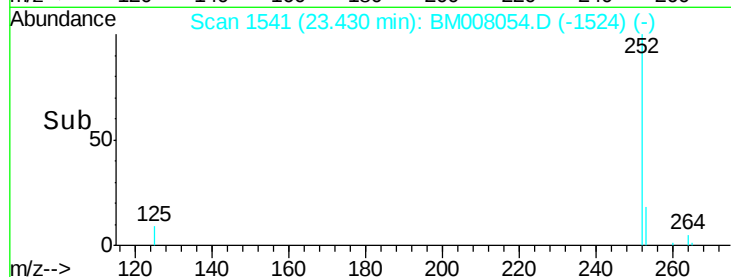
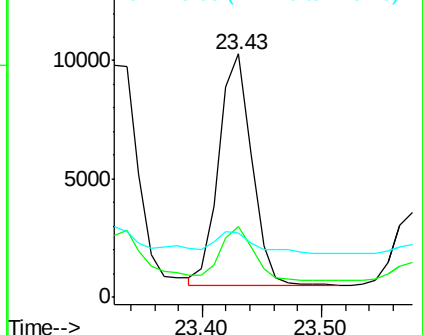
125 26.3 18.1 27.1



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.12 ng/ul

RT: 25.78 min Scan# 1766

Delta R.T. -0.02 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

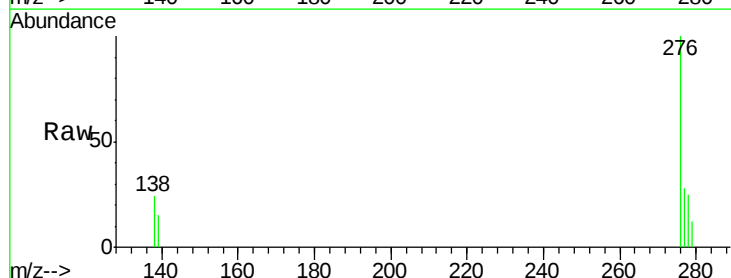
Tgt Ion: 276 Resp: 15270

Ion Ratio Lower Upper

276 100

138 17.6 19.1 28.7#

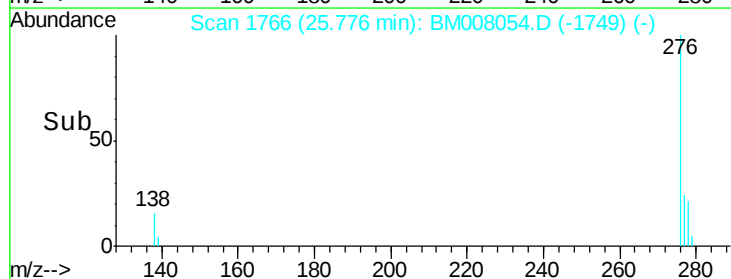
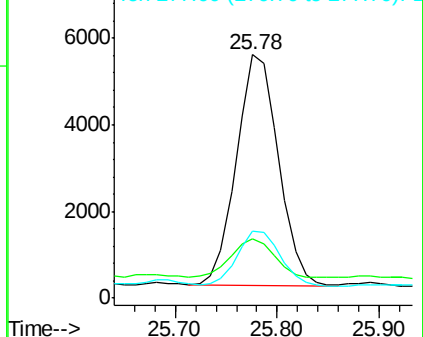
277 24.2 19.6 29.4

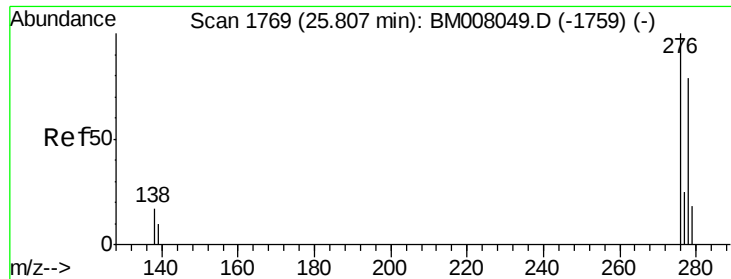


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.39 ng/ul

RT: 25.79 min Scan# 1767

Delta R.T. -0.02 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

Instrument :

BNA_M

ClientSampleId :

JHSS0

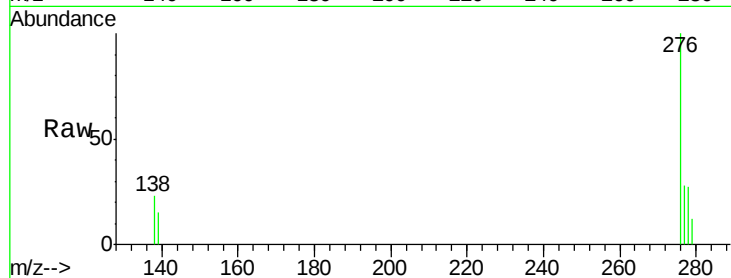
Tgt Ion: 278 Resp: 4321

Ion Ratio Lower Upper

278 100

139 57.5 17.4 26.0#

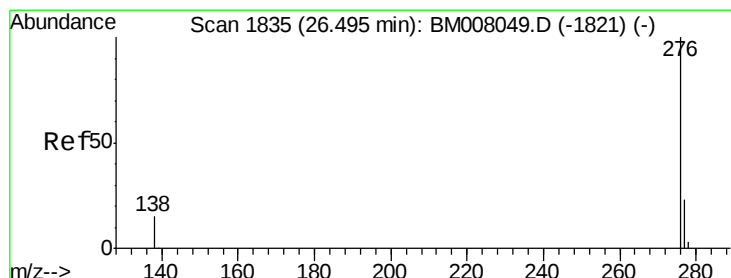
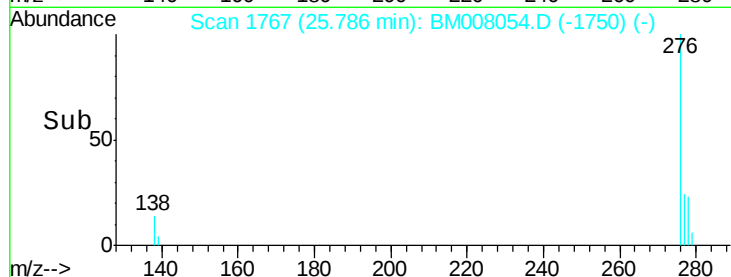
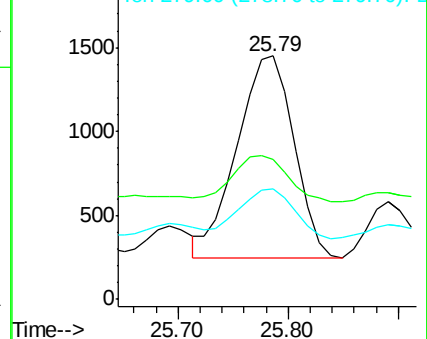
279 45.5 25.9 38.9#



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: 1.34 ng/ul

RT: 26.47 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM008054.D

Acq: 24 Nov 2016 03:12

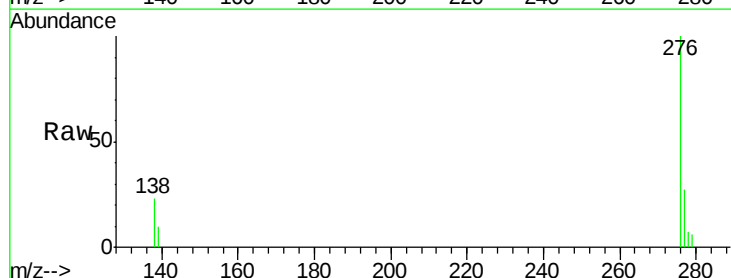
Tgt Ion: 276 Resp: 16231

Ion Ratio Lower Upper

276 100

277 27.4 21.8 32.8

138 22.8 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

