

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112816\
 Data File : BM008096.D
 Acq On : 28 Nov 2016 20:54
 Operator : UM/SJ
 Sample : H5694-20DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSS7DL

Quant Time: Nov 29 00:14:13 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 29 00:11:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	548	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	1923	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	1125	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2071	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2058	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	2047	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	96	0.04	ng/ul	0.02
14) Fluoranthene-d10	19.13	212	218	0.04	ng/ul	-0.01

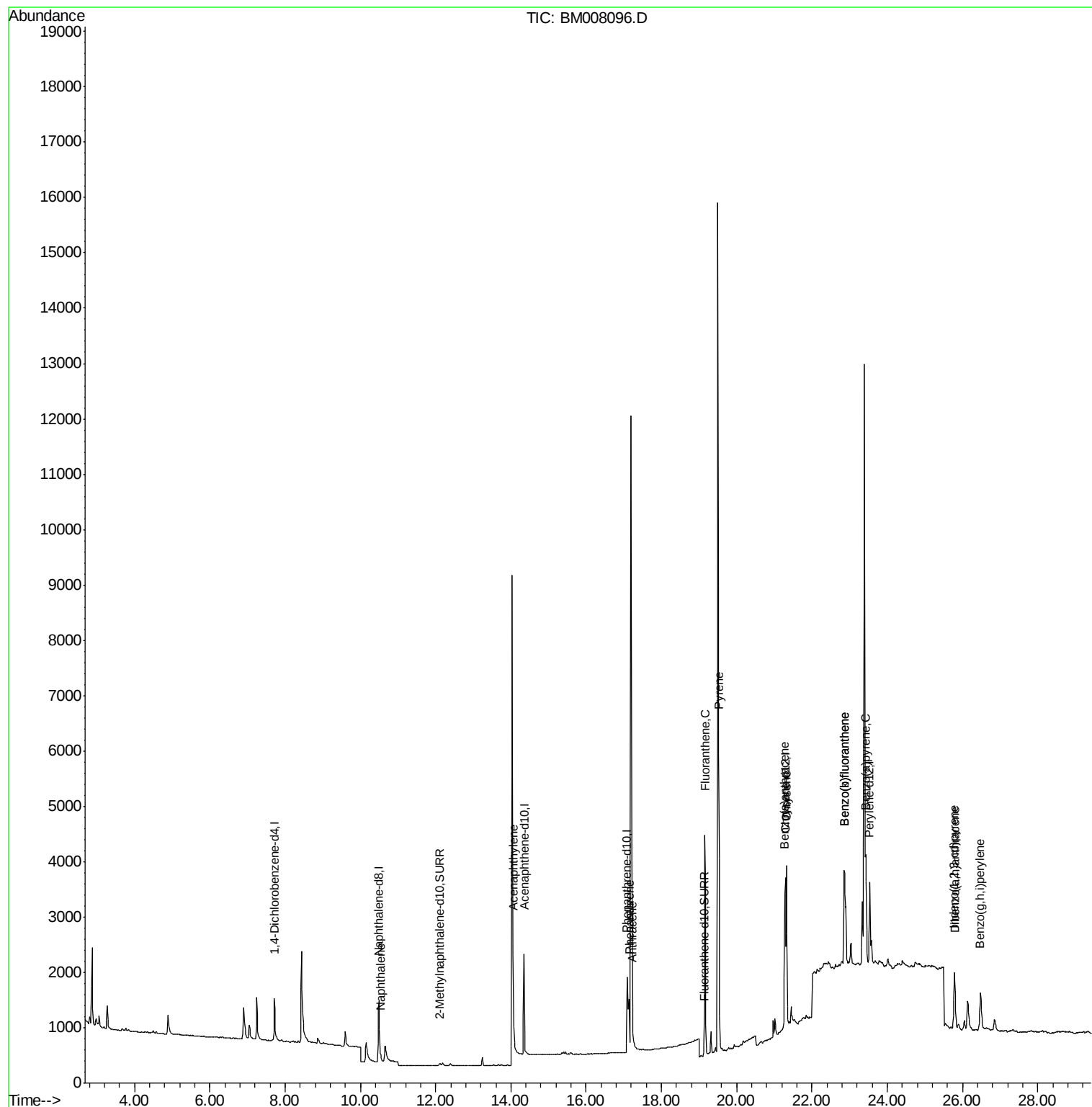
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	156	0.03	ng/ul#	21
7) Acenaphthylene	14.06	152	332	0.07	ng/ul#	66
12) Phenanthrene	17.14	178	1426	0.22	ng/ul#	94
13) Anthracene	17.23	178	285	0.05	ng/ul#	55
15) Fluoranthene	19.16	202	4589	0.55	ng/ul	98
17) Pyrene	19.52	202	4825	0.68	ng/ul	98
18) Benzo(a)anthracene	21.27	228	2261	0.36	ng/ul#	82
19) Chrysene	21.32	228	2814	0.36	ng/ul#	88
21) Benzo(b)fluoranthene	22.86	252	4403	0.54	ng/ul	77
22) Benzo(k)fluoranthene	22.86	252	4403	0.52	ng/ul#	74
23) Benzo(a)pyrene	23.43	252	2632	0.34	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.79	276	1821	0.19	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.80	278	395	0.05	ng/ul#	1
26) Benzo(g,h,i)perylene	26.47	276	1567	0.19	ng/ul#	77

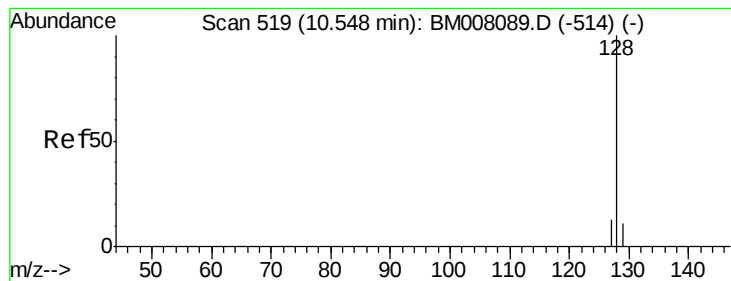
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.00 min

Lab File: BM008096.D

Acq: 28 Nov 2016 20:54

Instrument :

BNA_M

ClientSampleId :

JHSS7DL

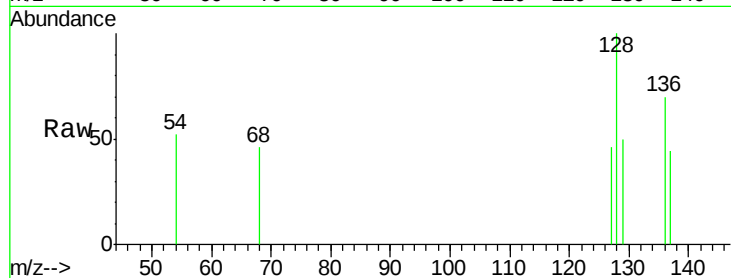
Tgt Ion:128 Resp: 156

Ion Ratio Lower Upper

128 100

129 49.6 11.3 16.9#

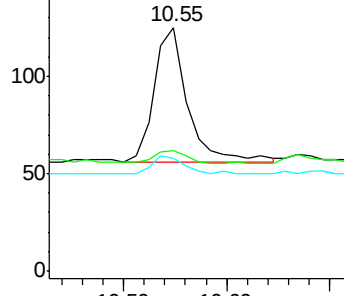
127 46.4 12.8 19.2#



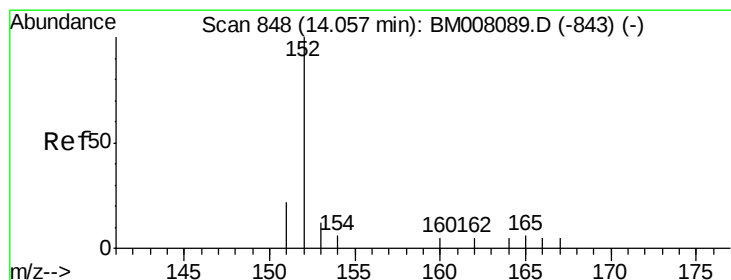
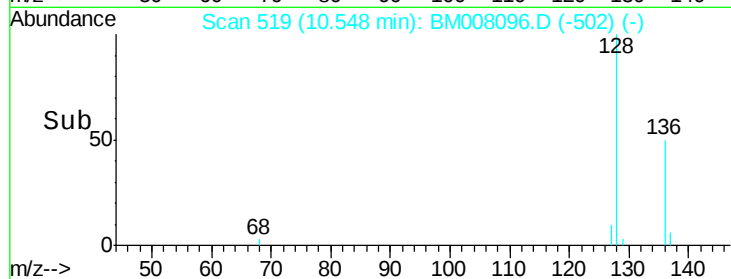
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#7

Acenaphthylene

Concen: 0.07 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: BM008096.D

Acq: 28 Nov 2016 20:54

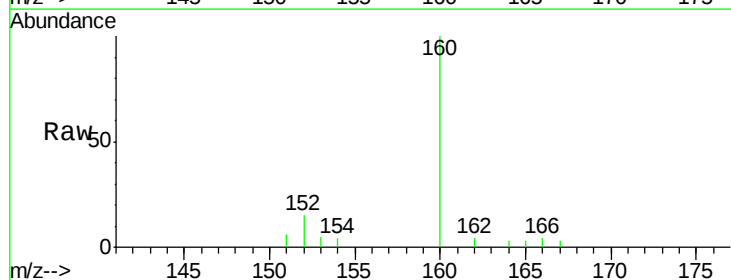
Tgt Ion:152 Resp: 332

Ion Ratio Lower Upper

152 100

151 36.5 17.1 25.7#

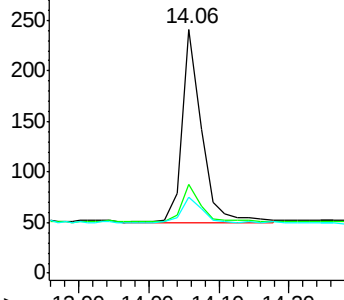
153 31.1 12.8 19.2#



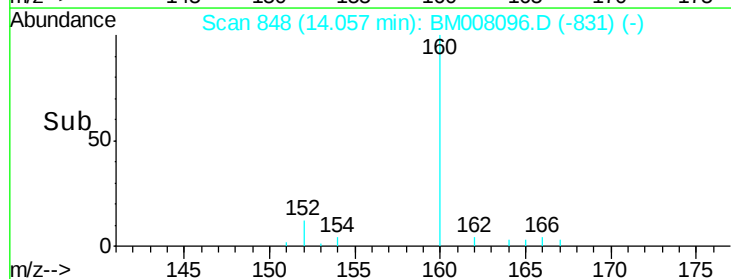
Abundance Ion 152.00 (151.70 to 152.70): E

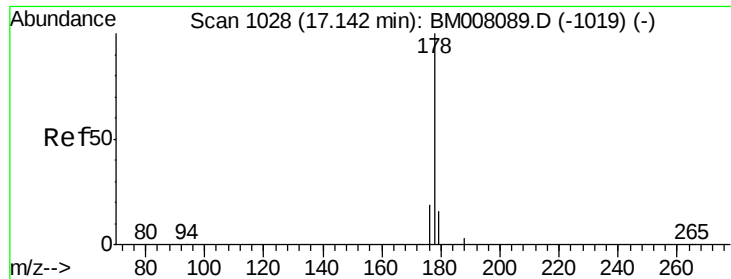
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->





#12

Phenanthrene

Concen: 0.22 ng/ul

RT: 17.14 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BM008096.D

Acq: 28 Nov 2016 20:54

Instrument :

BNA_M

ClientSampleId :

JHSS7DL

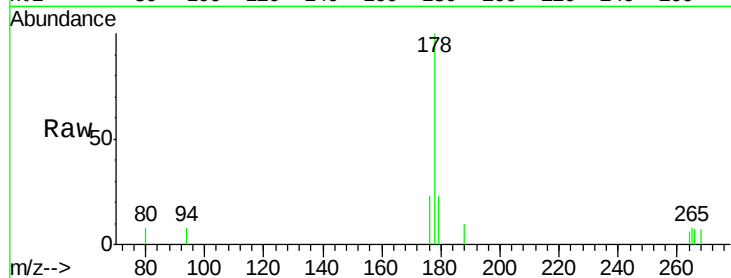
Tgt Ion:178 Resp: 1426

Ion Ratio Lower Upper

178 100

176 23.0 18.4 27.6

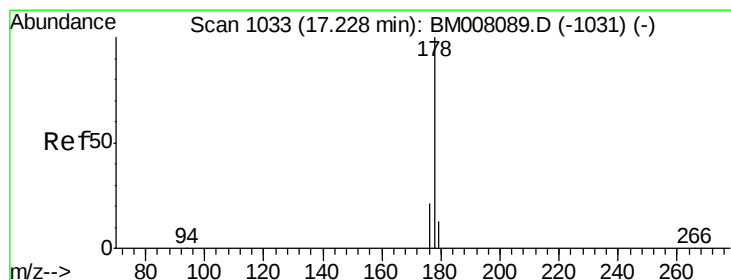
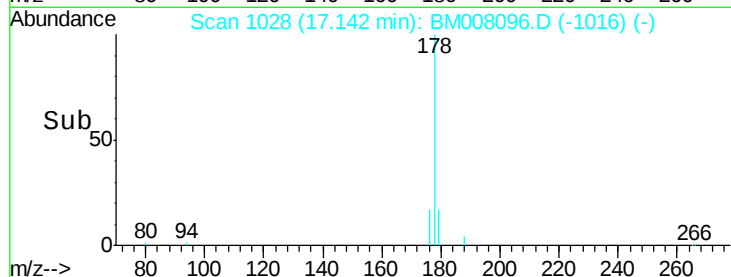
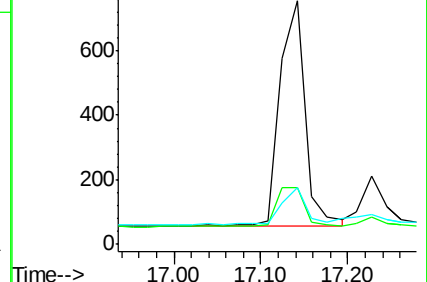
179 23.4 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 0.05 ng/ul

RT: 17.23 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BM008096.D

Acq: 28 Nov 2016 20:54

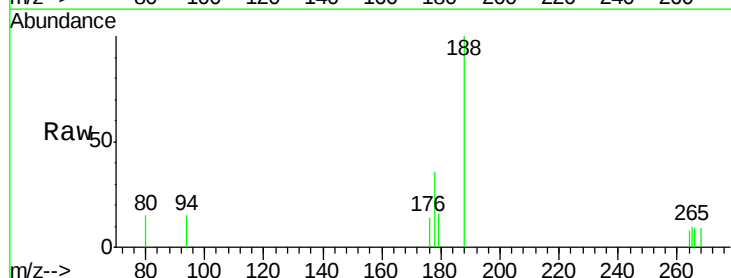
Tgt Ion:178 Resp: 285

Ion Ratio Lower Upper

178 100

176 39.3 18.1 27.1#

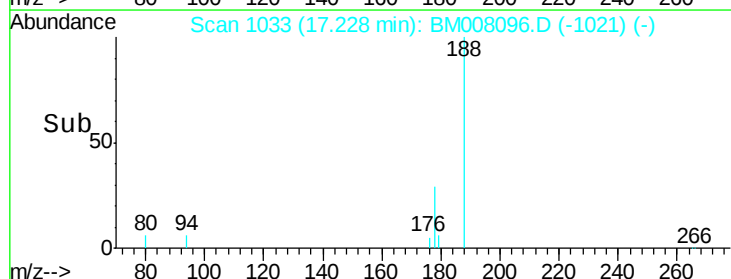
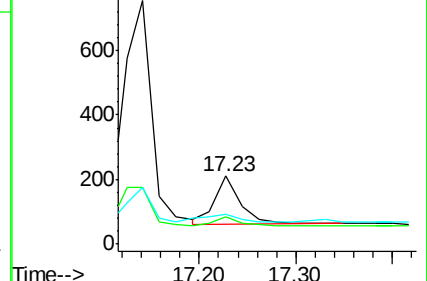
179 44.5 14.7 22.1#

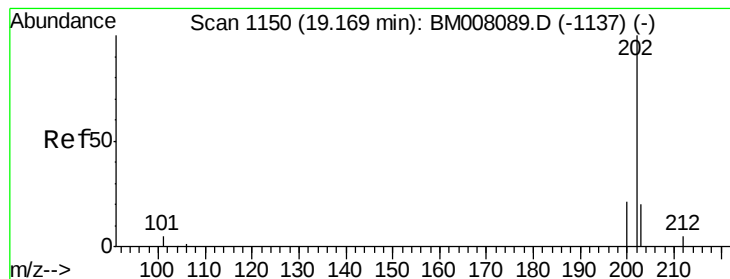


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.55 ng/ul

RT: 19.16 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM008096.D

Acq: 28 Nov 2016 20:54

Instrument :

BNA_M

ClientSampleId :

JHSS7DL

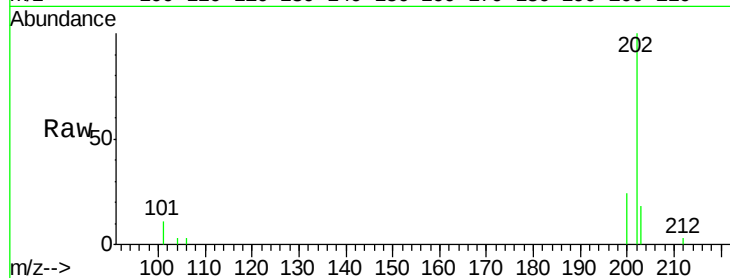
Tgt Ion:202 Resp: 4589

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.3

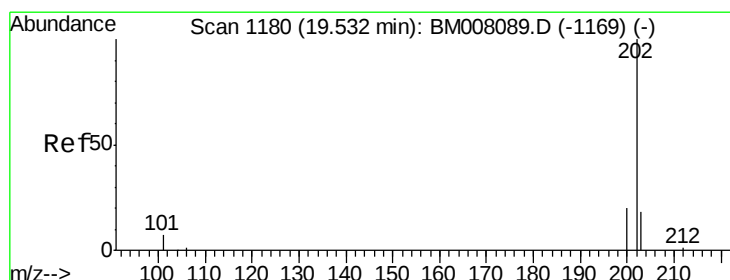
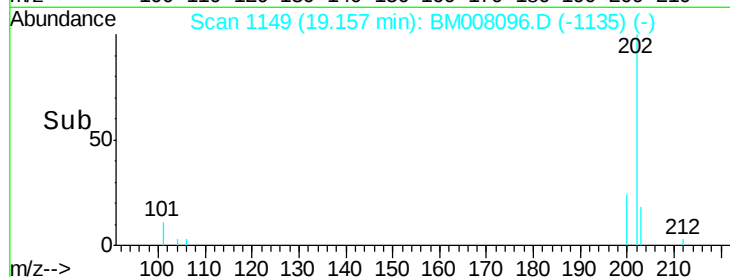
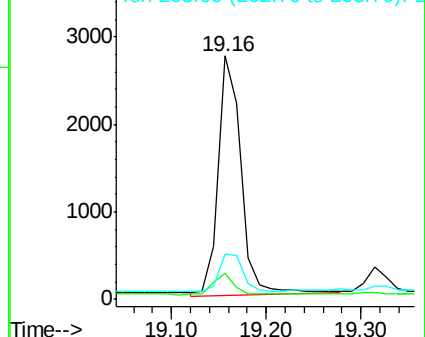
203 18.4 0.0 39.5



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: 0.68 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM008096.D

Acq: 28 Nov 2016 20:54

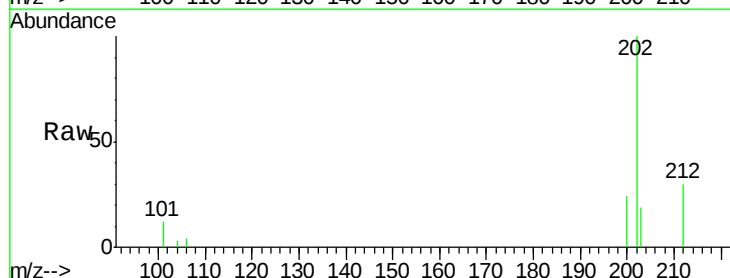
Tgt Ion:202 Resp: 4825

Ion Ratio Lower Upper

202 100

200 24.2 18.2 27.4

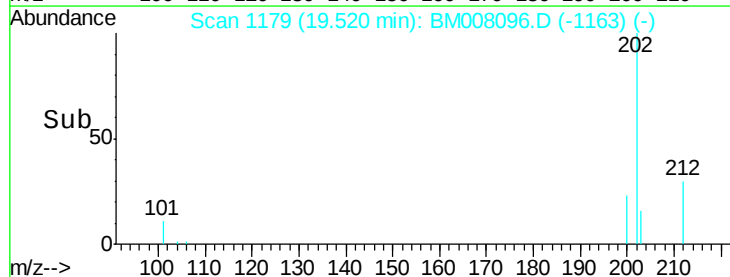
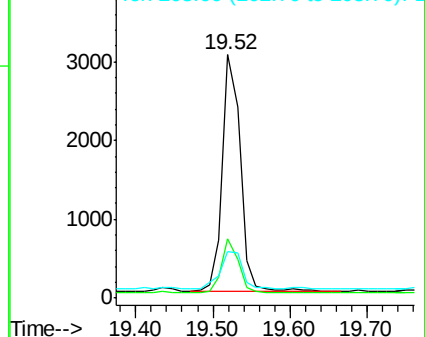
203 19.1 15.6 23.4

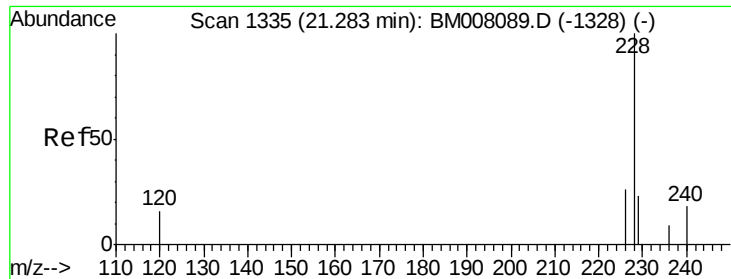


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.36 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BM008096.D

Acq: 28 Nov 2016 20:54

Instrument :

BNA_M

ClientSampleId :

JHSS7DL

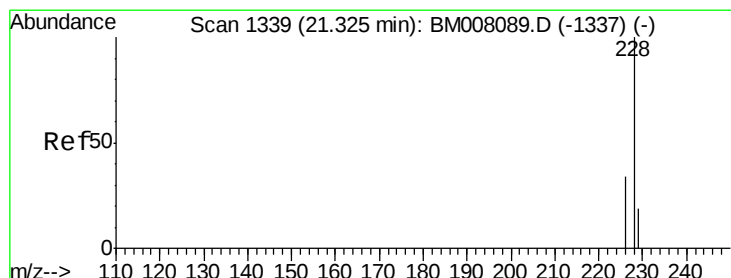
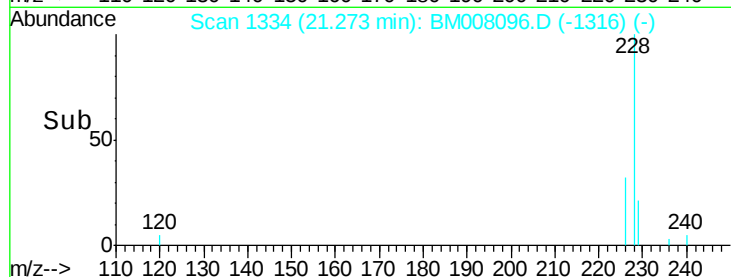
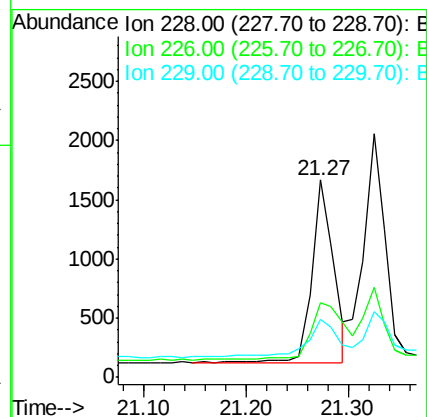
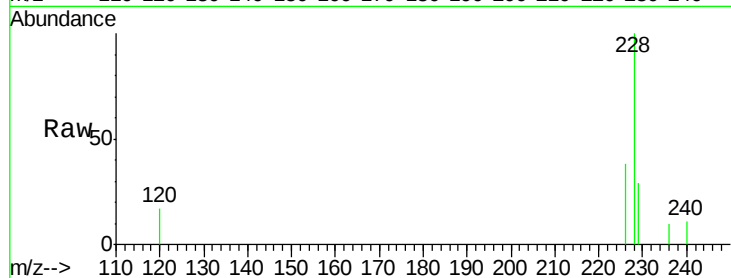
Tgt Ion:228 Resp: 2261

Ion Ratio Lower Upper

228 100

226 38.1 22.8 34.2#

229 29.5 17.0 25.6#



#19

Chrysene

Concen: 0.36 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BM008096.D

Acq: 28 Nov 2016 20:54

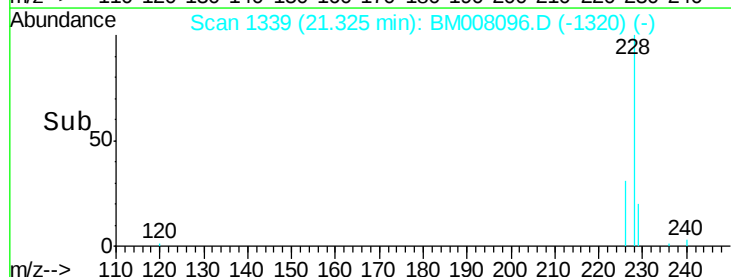
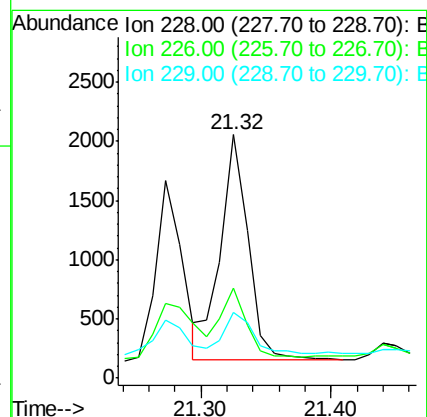
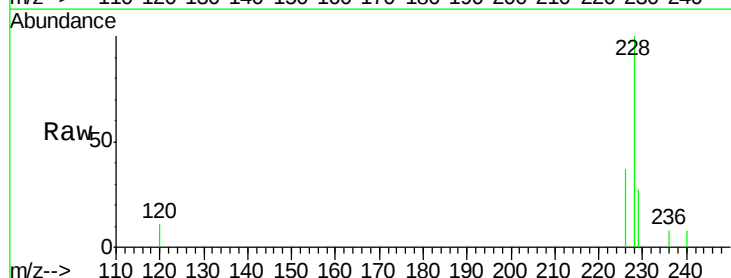
Tgt Ion:228 Resp: 2814

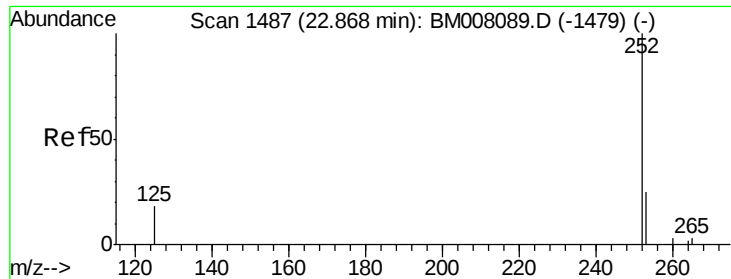
Ion Ratio Lower Upper

228 100

226 36.7 23.4 35.0#

229 27.1 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.54 ng/u1

RT: 22.86 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BM008096.D

Acq: 28 Nov 2016 20:54

Instrument :

BNA_M

ClientSampleId :

JHSS7DL

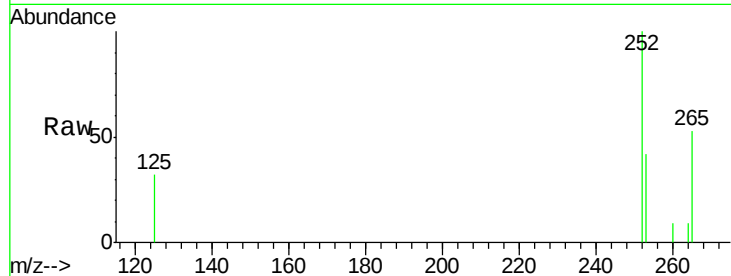
Tgt Ion:252 Resp: 4403

Ion Ratio Lower Upper

252 100

253 42.0 0.0 64.2

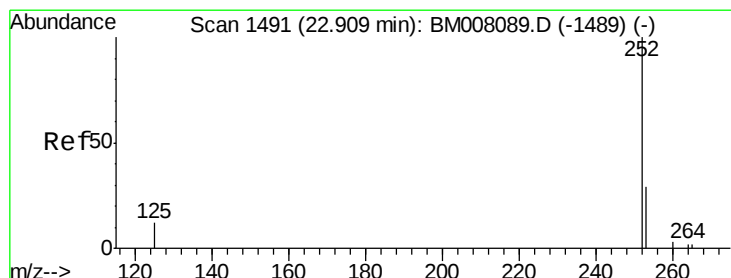
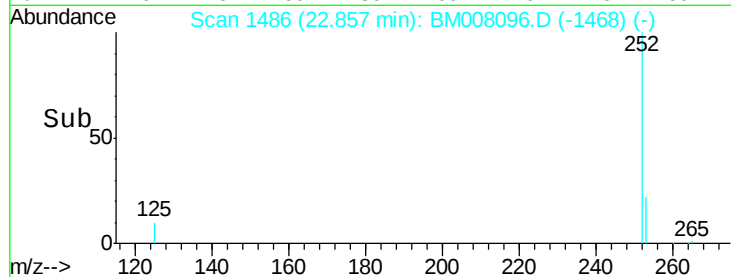
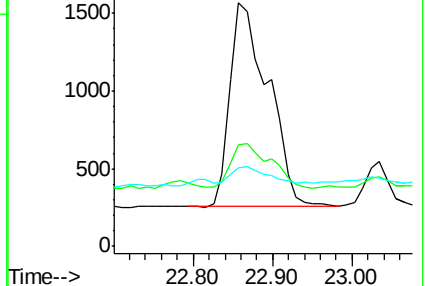
125 32.3 0.0 35.0



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: 0.52 ng/u1

RT: 22.86 min Scan# 1486

Delta R.T. -0.05 min

Lab File: BM008096.D

Acq: 28 Nov 2016 20:54

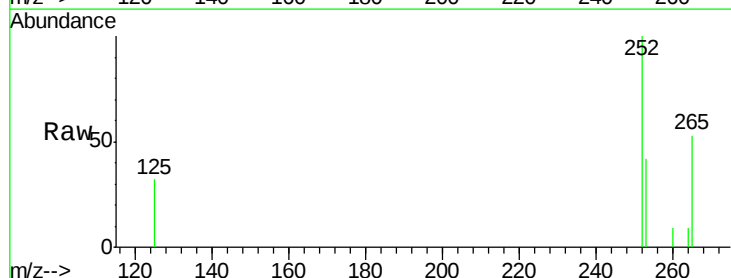
Tgt Ion:252 Resp: 4403

Ion Ratio Lower Upper

252 100

253 42.0 24.5 36.7#

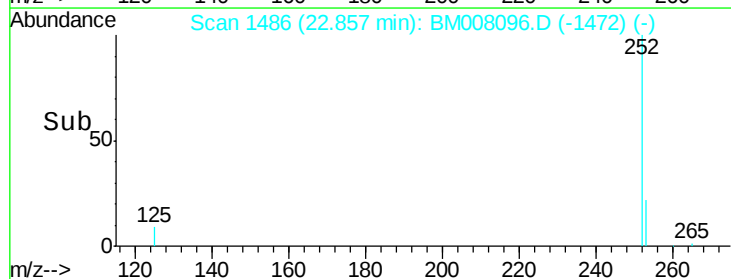
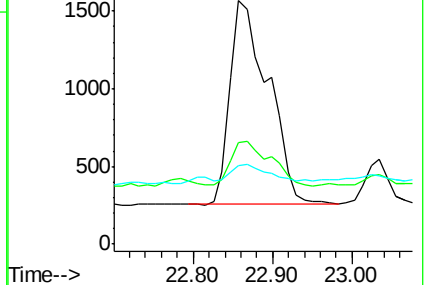
125 32.3 13.7 20.5#

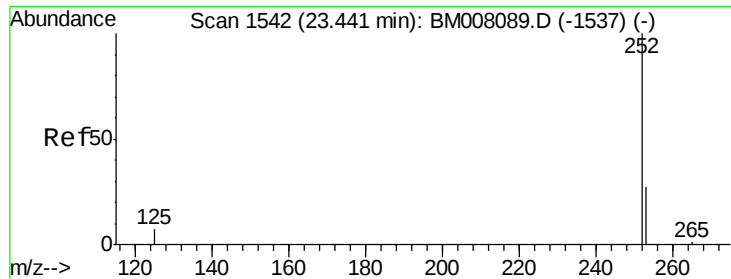


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.34 ng/ul

RT: 23.43 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BM008096.D

Acq: 28 Nov 2016 20:54

Instrument :

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ClientSampleId :

JHSS7DL

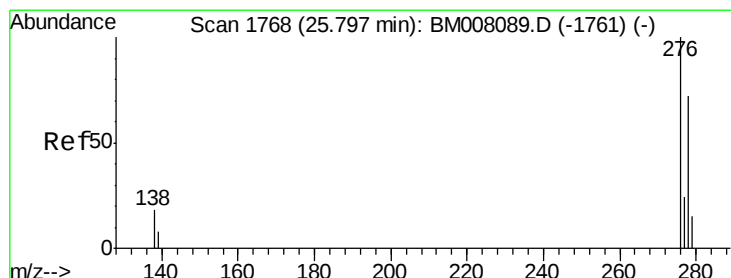
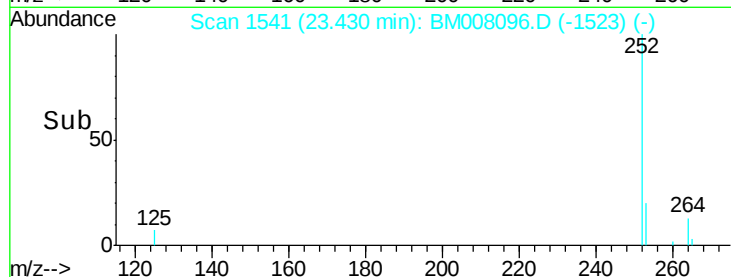
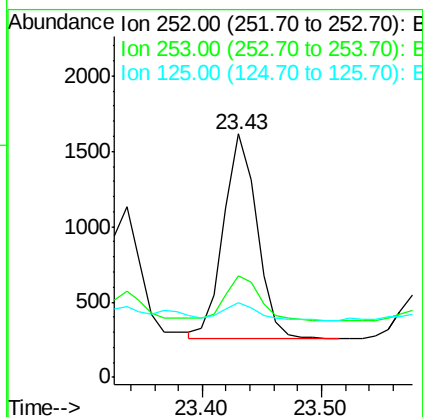
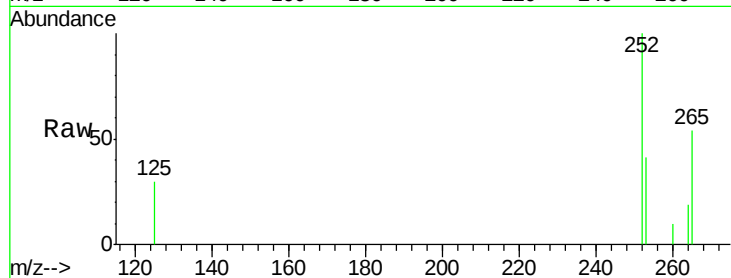
Tgt Ion:252 Resp: 2632

Ion Ratio Lower Upper

252 100

253 41.5 28.5 42.7

125 30.4 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.19 ng/ul

RT: 25.79 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BM008096.D

Acq: 28 Nov 2016 20:54

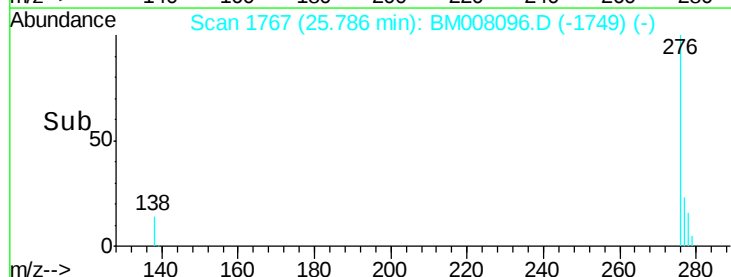
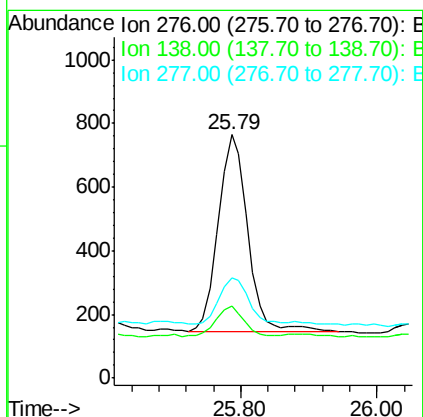
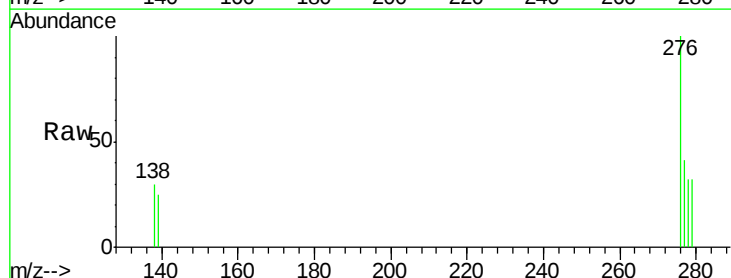
Tgt Ion:276 Resp: 1821

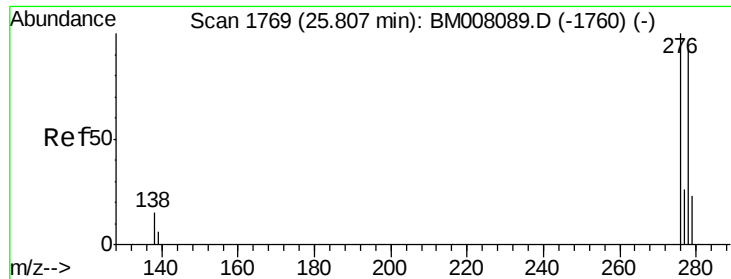
Ion Ratio Lower Upper

276 100

138 14.6 19.1 28.7#

277 23.7 19.6 29.4





#25

Dibenzo(a,h)anthracene

Concen: 0.05 ng/ul

RT: 25.80 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BM008096.D

Acq: 28 Nov 2016 20:54

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JHSS7DL

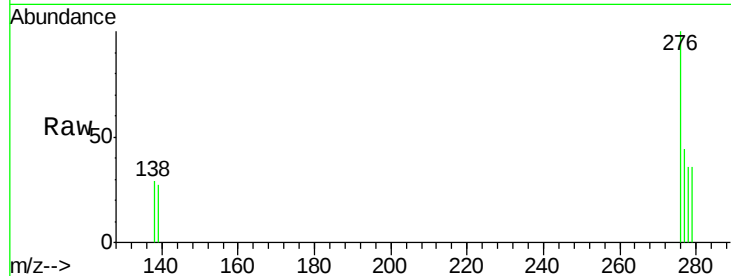
Tgt Ion: 278 Resp: 395

Ion Ratio Lower Upper

278 100

139 76.4 17.4 26.0#

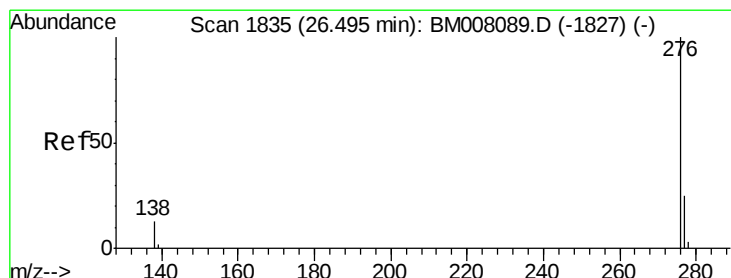
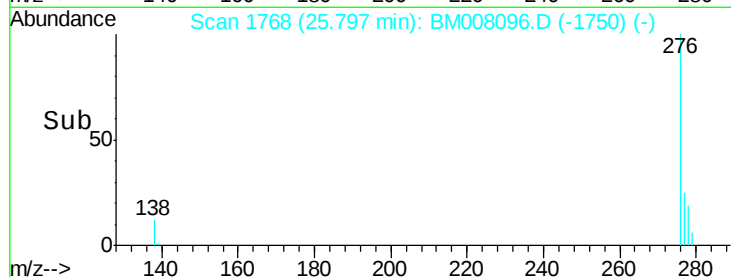
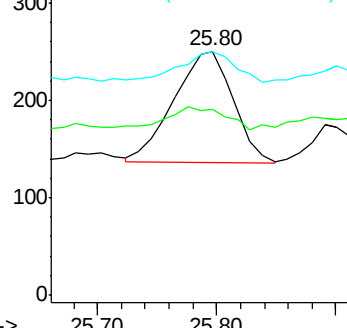
279 100.0 25.9 38.9#



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: 0.19 ng/ul

RT: 26.47 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM008096.D

Acq: 28 Nov 2016 20:54

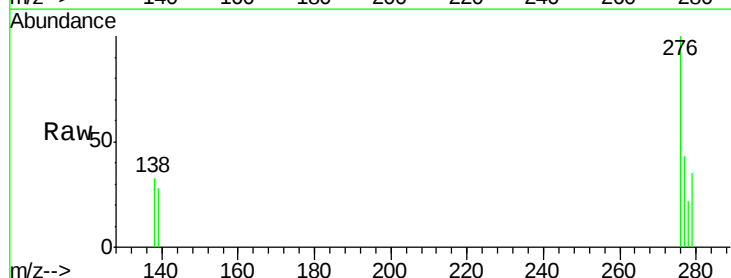
Tgt Ion: 276 Resp: 1567

Ion Ratio Lower Upper

276 100

277 43.2 21.8 32.8#

138 33.1 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

