

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008708.D
 Acq On : 29 Dec 2016 00:33
 Operator : UM/SJ
 Sample : H6067-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

Quant Time: Dec 29 05:06:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.82
2) Naphthalene-d8	10.42	136	1362	0.40	ng/ul	-0.15
6) Acenaphthene-d10	14.01	164	721	0.40	ng/ul	-0.34
10) Phenanthrene-d10	16.71	188	11	0.40	ng/ul	-0.39
16) Chrysene-d12	20.77	240	1	0.40	ng/ul	-0.51
20) Perylene-d12	22.95	264	8	0.40	ng/ul	-0.57

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	630	0.30	ng/ul	-0.14
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

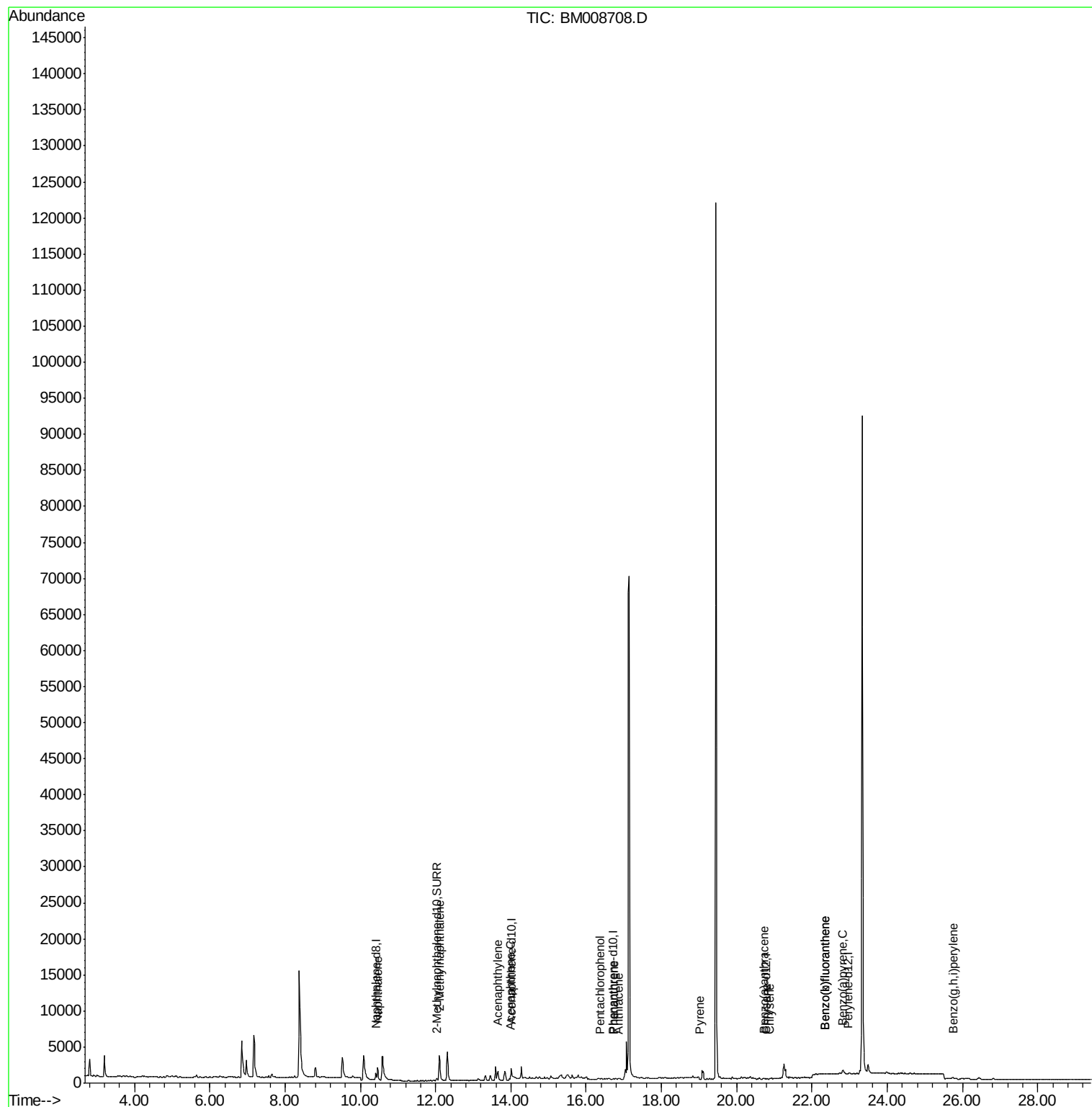
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	2629	0.69	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	3574	1.39	ng/ul	100
7) Acenaphthylene	13.65	152	242	0.07	ng/ul#	1
8) Acenaphthene	14.00	153	234	0.10	ng/ul#	1
11) Pentachlorophenol	16.37	266	5	1.46	ng/ul#	20
12) Phenanthrene	16.73	178	28	0.83	ng/ul#	1
13) Anthracene	16.87	178	49	1.50	ng/ul#	1
17) Pyrene	19.01	202	412	106.59	ng/ul#	1
18) Benzo(a)anthracene	20.74	228	192	58.47	ng/ul#	1
19) Chrysene	20.87	228	43	11.96	ng/ul#	1
21) Benzo(b)fluoranthene	22.34	252	48	1.52	ng/ul#	1
22) Benzo(k)fluoranthene	22.34	252	51	1.66	ng/ul#	1
23) Benzo(a)pyrene	22.82	252	1133	38.79	ng/ul#	68
26) Benzo(g,h,i)perylene	25.74	276	387	12.96	ng/ul#	47

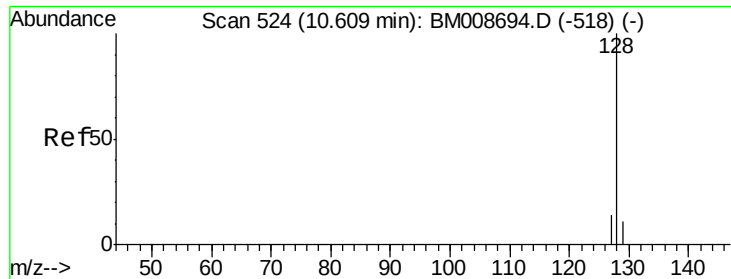
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.69 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.15 min

Lab File: BM008708.D

Acq: 29 Dec 2016 00:33

Instrument :

BNA_M

ClientSampleId :

DA7H4

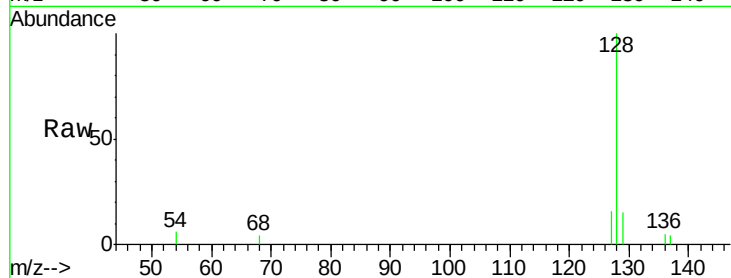
Tgt Ion:128 Resp: 2629

Ion Ratio Lower Upper

128 100

129 14.7 11.3 16.9

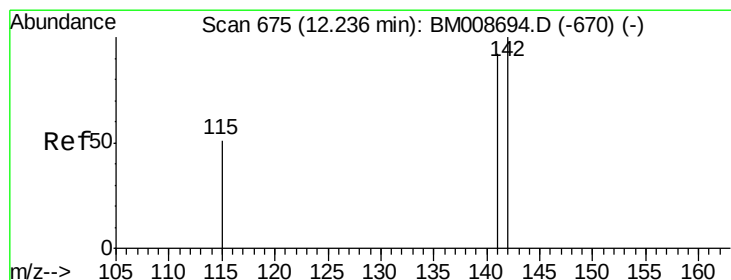
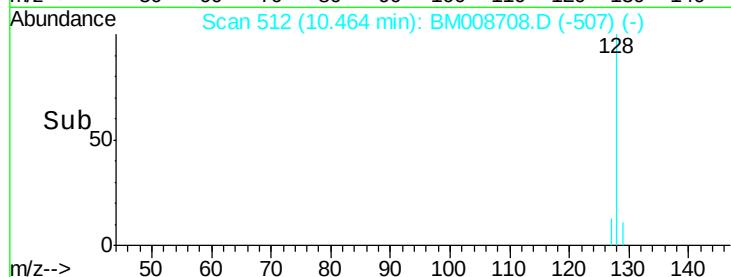
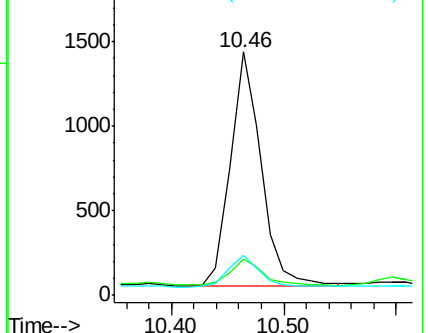
127 16.3 12.8 19.2



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: 1.39 ng/ul

RT: 12.10 min Scan# 662

Delta R.T. -0.14 min

Lab File: BM008708.D

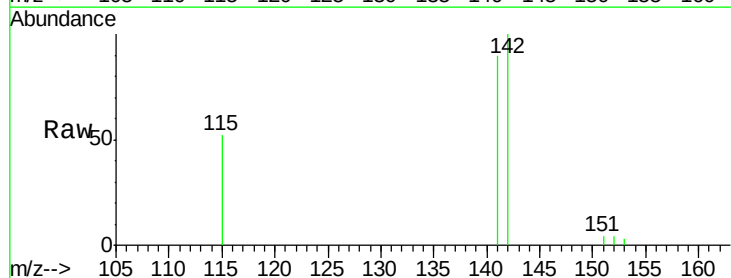
Acq: 29 Dec 2016 00:33

Tgt Ion:142 Resp: 3574

Ion Ratio Lower Upper

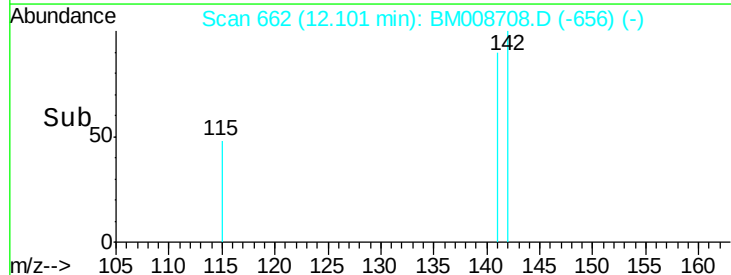
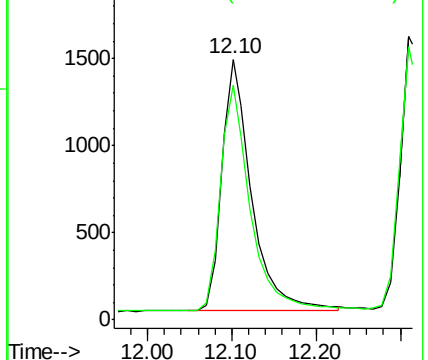
142 100

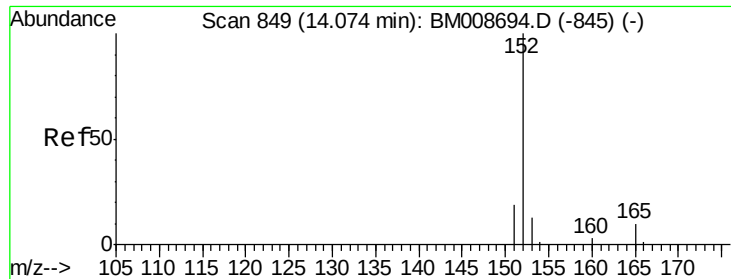
141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.07 ng/ul

RT: 13.65 min Scan# 811

Delta R.T. -0.42 min

Lab File: BM008708.D

Acq: 29 Dec 2016 00:33

Instrument :

BNA_M

ClientSampleId :

DA7H4

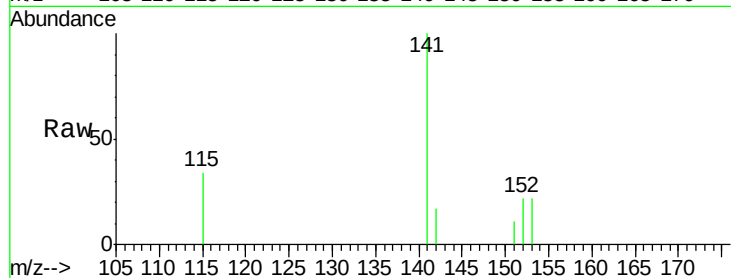
Tgt Ion:152 Resp: 242

Ion Ratio Lower Upper

152 100

151 52.8 17.1 25.7#

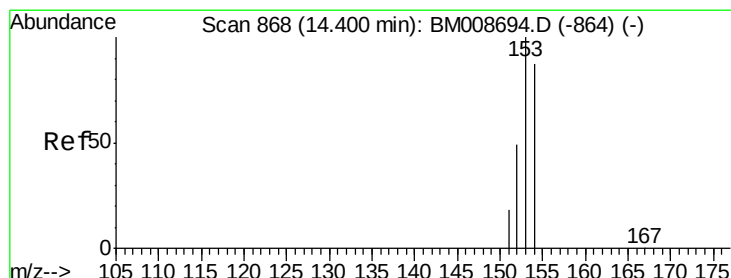
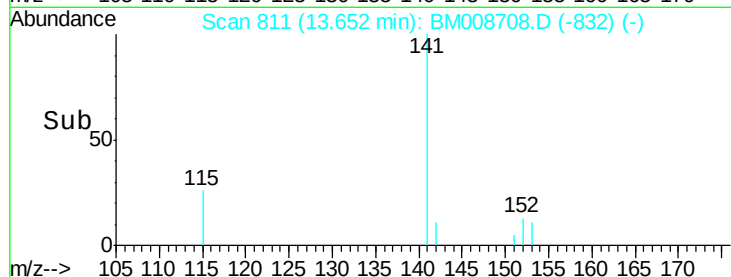
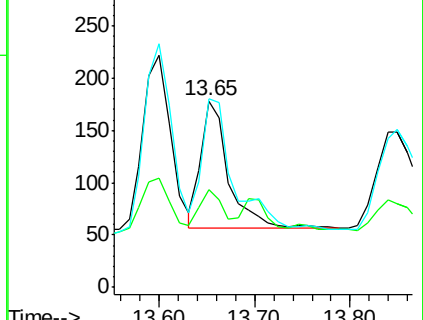
153 101.1 12.8 19.2#



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: 0.10 ng/ul

RT: 14.00 min Scan# 844

Delta R.T. -0.40 min

Lab File: BM008708.D

Acq: 29 Dec 2016 00:33

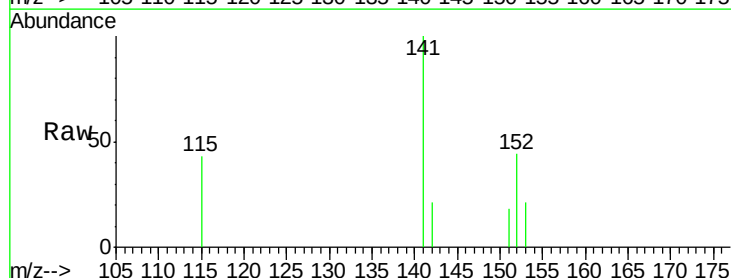
Tgt Ion:153 Resp: 234

Ion Ratio Lower Upper

153 100

152 215.0 40.3 60.5#

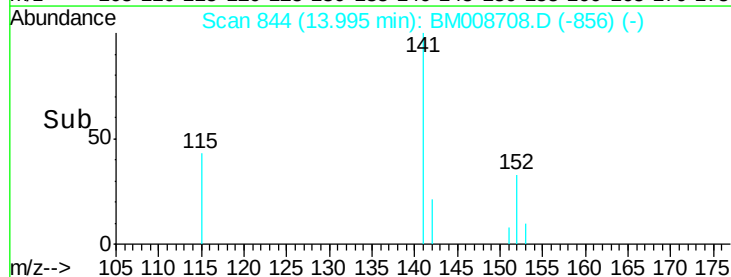
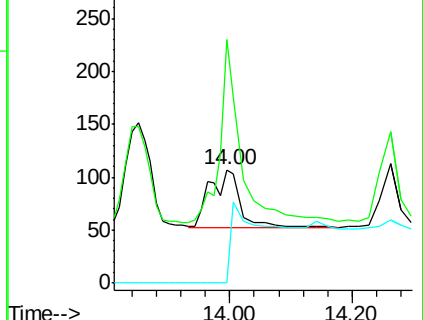
154 0.0 71.4 107.2#

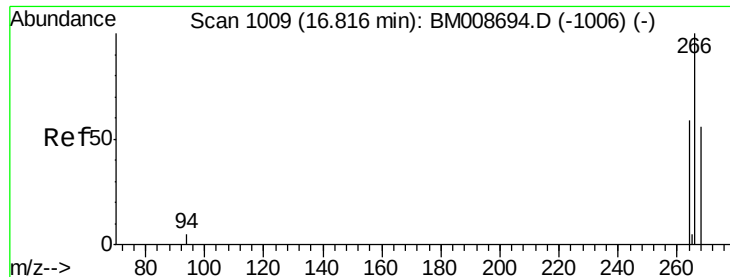


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

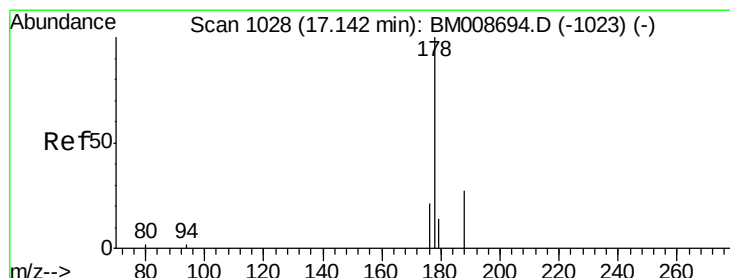
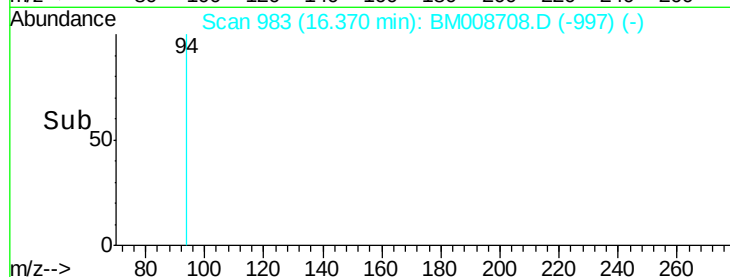
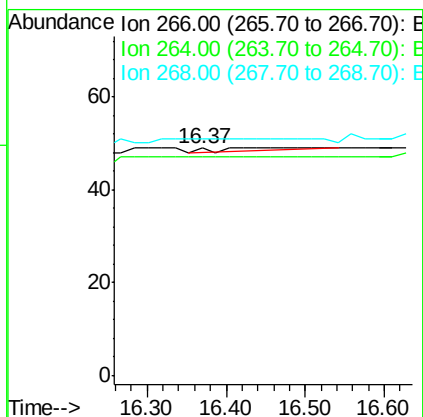
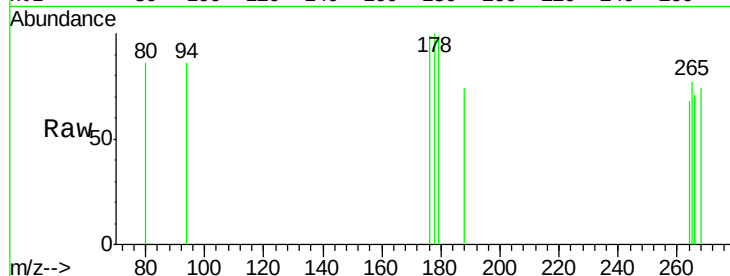




#11
 Pentachlorophenol
 Concen: 1.46 ng/ul
 RT: 16.37 min Scan# 983
 Delta R.T. -0.45 min
 Lab File: BM008708.D
 Acq: 29 Dec 2016 00:33

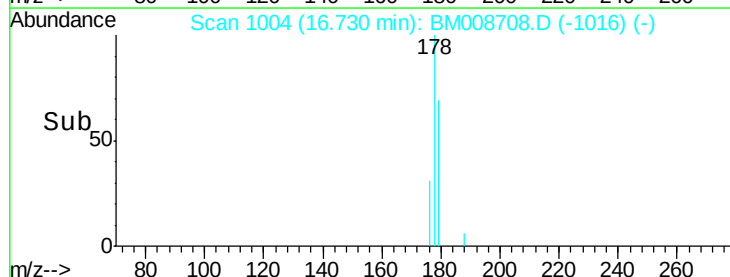
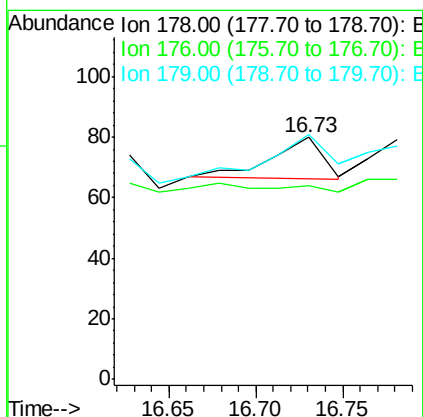
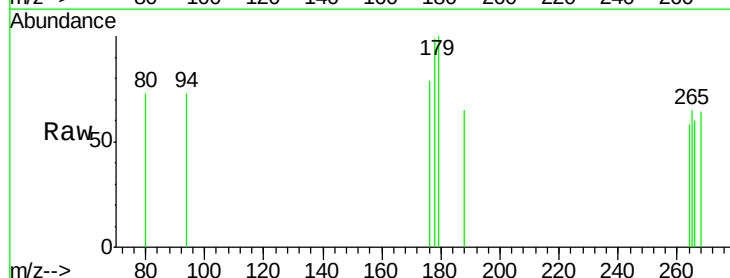
Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

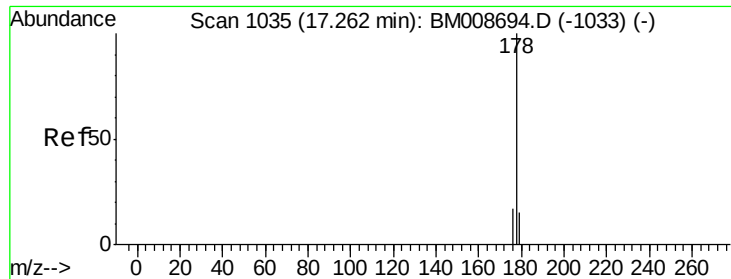
Tgt Ion: 266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.9 71.9#
 268 0.0 49.8 74.8#



#12
 Phenanthrene
 Concen: 0.83 ng/ul
 RT: 16.73 min Scan# 1004
 Delta R.T. -0.41 min
 Lab File: BM008708.D
 Acq: 29 Dec 2016 00:33

Tgt Ion: 178 Resp: 28
 Ion Ratio Lower Upper
 178 100
 176 80.0 18.4 27.6#
 179 101.3 13.6 20.4#

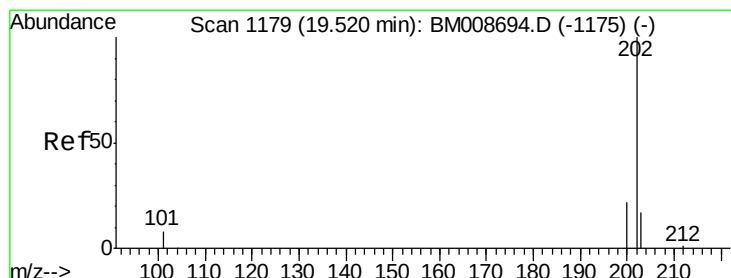
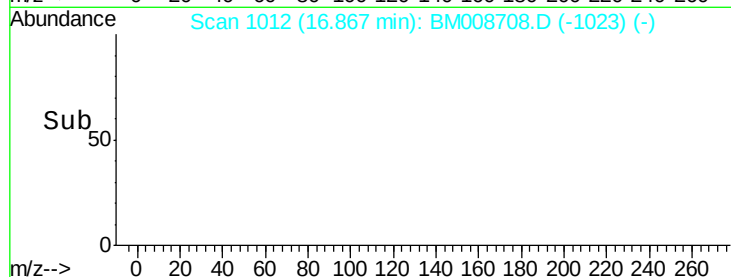
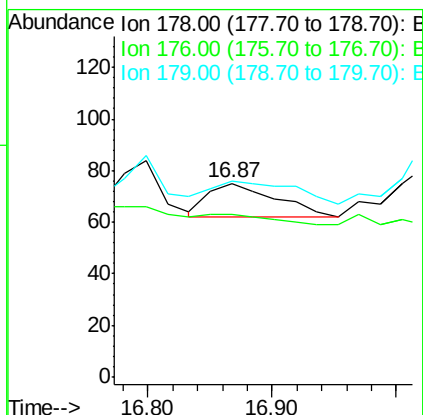
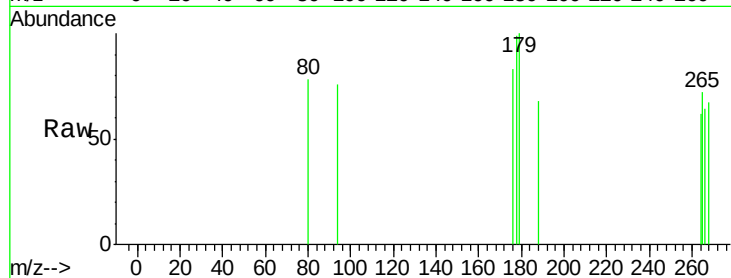




#13
 Anthracene
 Concen: 1.50 ng/ul
 RT: 16.87 min Scan# 1012
 Delta R.T. -0.39 min
 Lab File: BM008708.D
 Acq: 29 Dec 2016 00:33

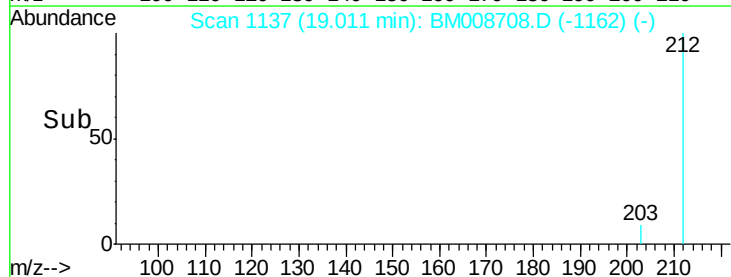
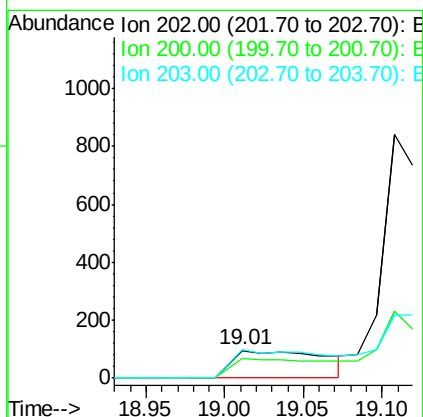
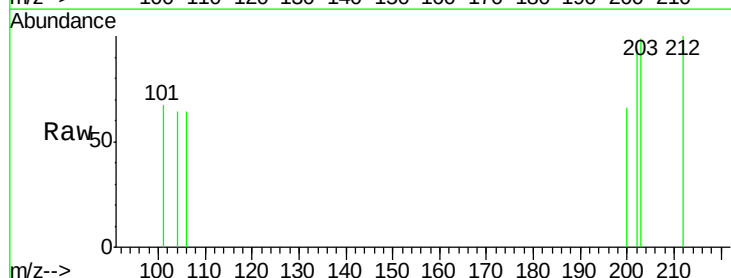
Instrument :
 BNA_M
 ClientSampleId :
 DA7H4

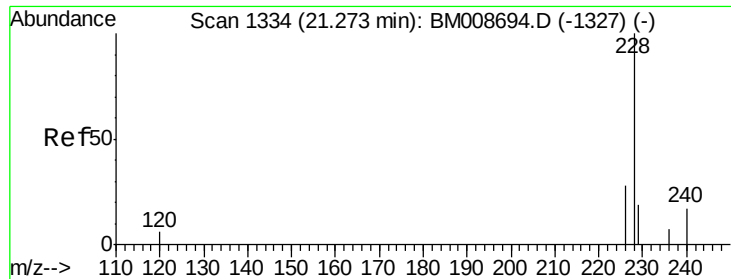
Tgt Ion:178 Resp: 49
 Ion Ratio Lower Upper
 178 100
 176 84.0 18.1 27.1#
 179 101.3 14.7 22.1#



#17
 Pyrene
 Concen: 106.59 ng/ul
 RT: 19.01 min Scan# 1137
 Delta R.T. -0.51 min
 Lab File: BM008708.D
 Acq: 29 Dec 2016 00:33

Tgt Ion:202 Resp: 412
 Ion Ratio Lower Upper
 202 100
 200 70.5 18.2 27.4#
 203 105.3 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 58.47 ng/ul

RT: 20.74 min Scan# 1283

Delta R.T. -0.53 min

Lab File: BM008708.D

Acq: 29 Dec 2016 00:33

Instrument :

BNA_M

ClientSampleId :

DA7H4

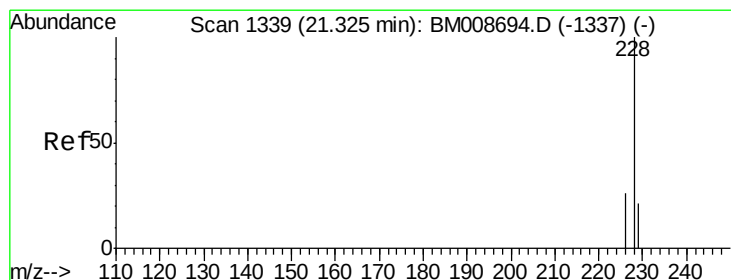
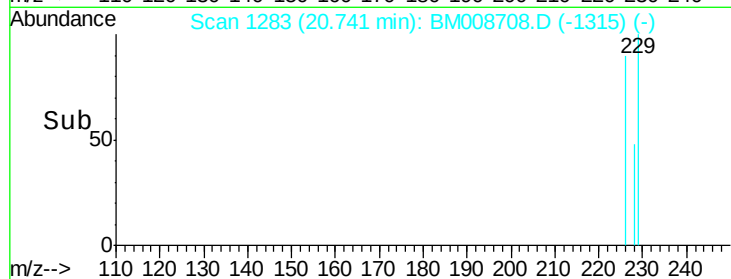
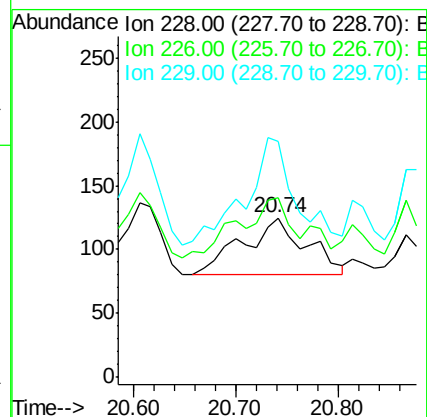
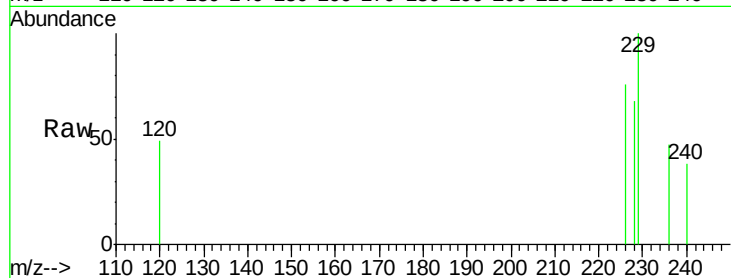
Tgt Ion:228 Resp: 192

Ion Ratio Lower Upper

228 100

226 112.8 22.8 34.2#

229 148.0 17.0 25.6#



#19

Chrysene

Concen: 11.96 ng/ul

RT: 20.87 min Scan# 1295

Delta R.T. -0.46 min

Lab File: BM008708.D

Acq: 29 Dec 2016 00:33

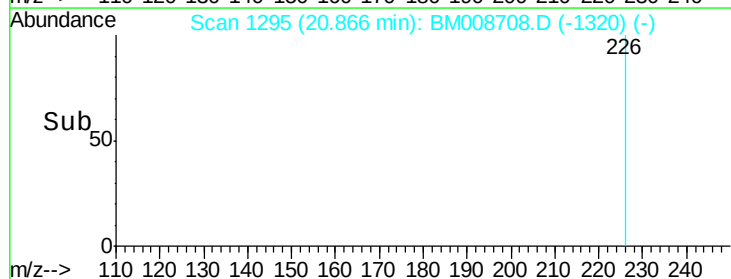
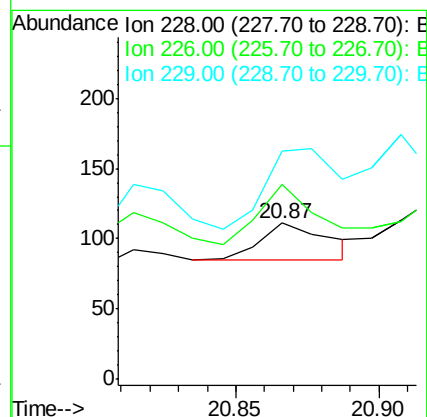
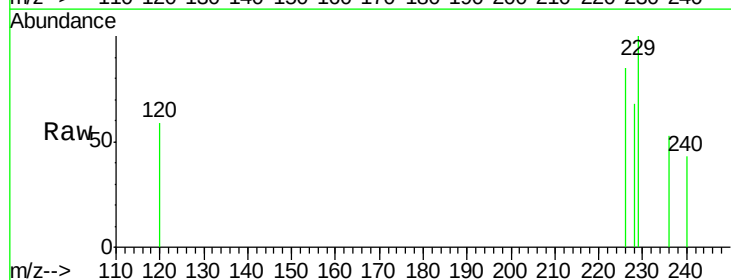
Tgt Ion:228 Resp: 43

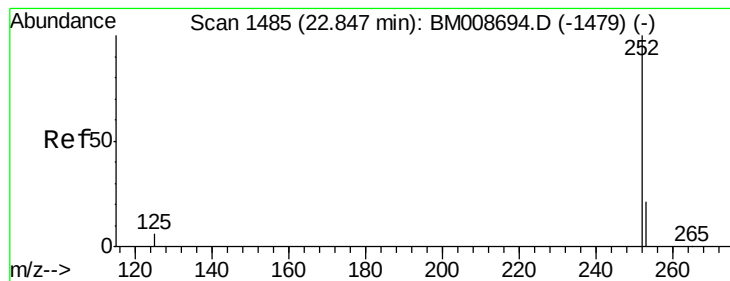
Ion Ratio Lower Upper

228 100

226 125.2 23.4 35.0#

229 146.8 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 1.52 ng/ul

RT: 22.34 min Scan# 1436

Delta R.T. -0.51 min

Lab File: BM008708.D

Acq: 29 Dec 2016 00:33

Instrument :

BNA_M

ClientSampleId :

DA7H4

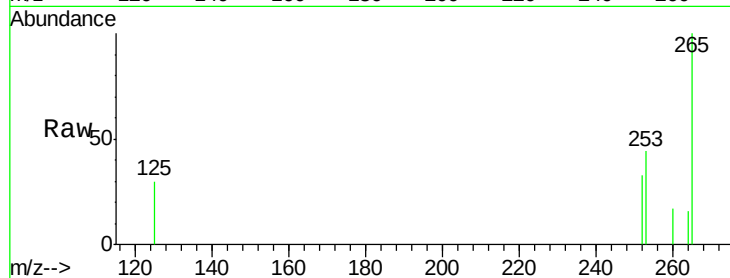
Tgt Ion:252 Resp: 48

Ion Ratio Lower Upper

252 100

253 132.2 0.0 64.2#

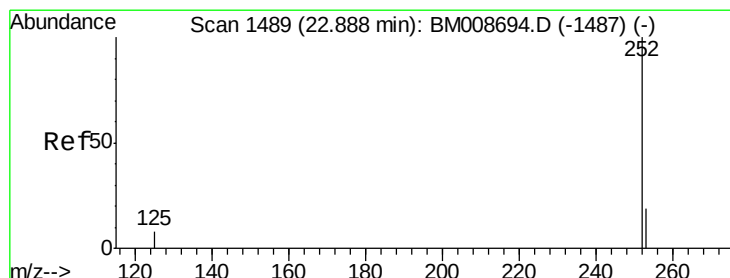
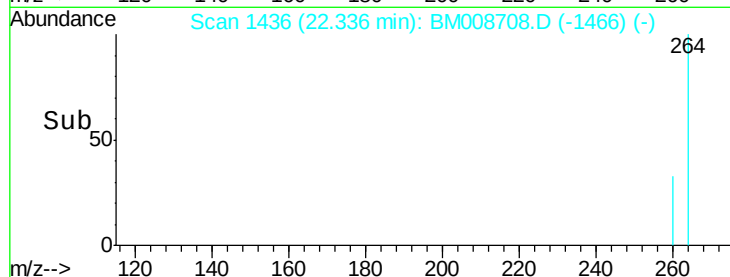
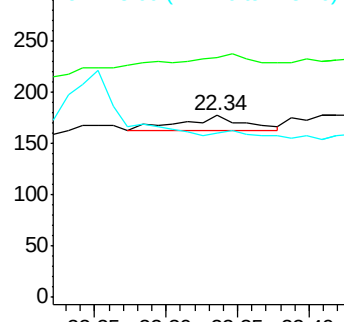
125 90.4 0.0 35.0#



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: 1.66 ng/ul

RT: 22.34 min Scan# 1436

Delta R.T. -0.55 min

Lab File: BM008708.D

Acq: 29 Dec 2016 00:33

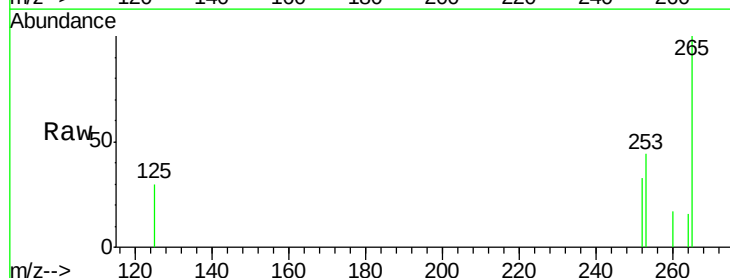
Tgt Ion:252 Resp: 51

Ion Ratio Lower Upper

252 100

253 132.2 24.5 36.7#

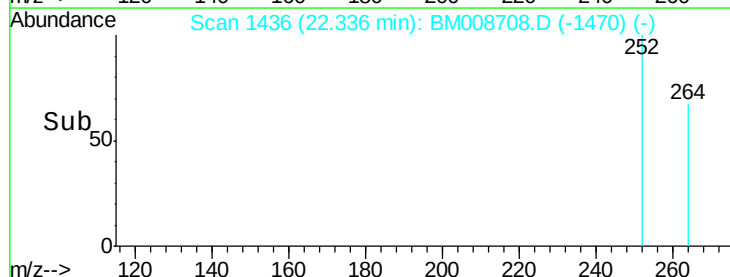
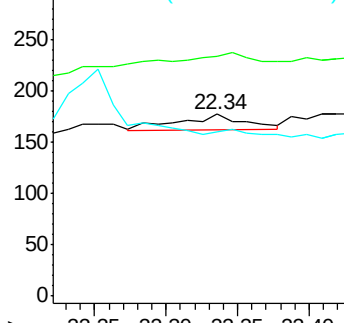
125 90.4 13.7 20.5#

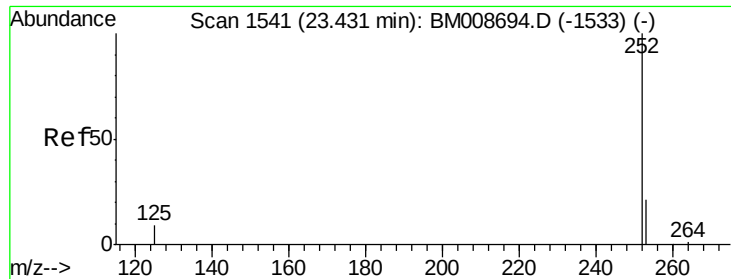


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 38.79 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.62 min

Lab File: BM008708.D

Acq: 29 Dec 2016 00:33

Instrument :

BNA_M

ClientSampleId :

DA7H4

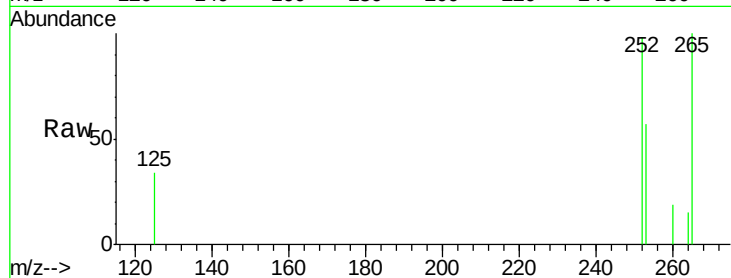
Tgt Ion:252 Resp: 1133

Ion Ratio Lower Upper

252 100

253 57.6 28.5 42.7#

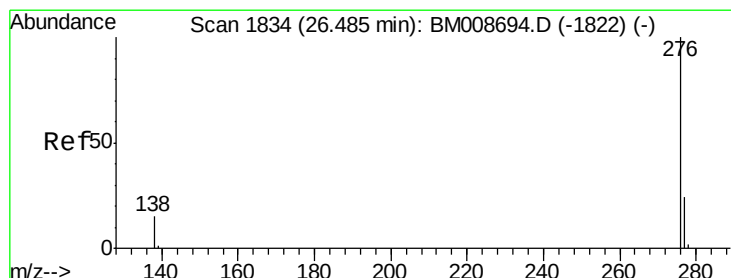
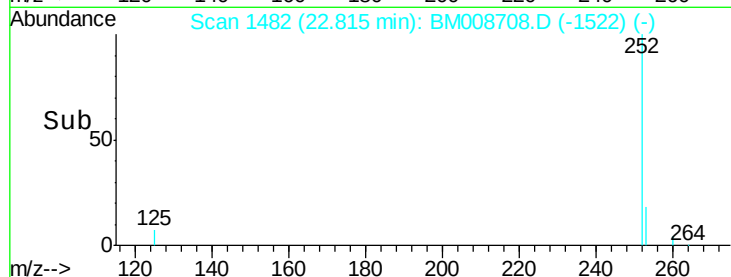
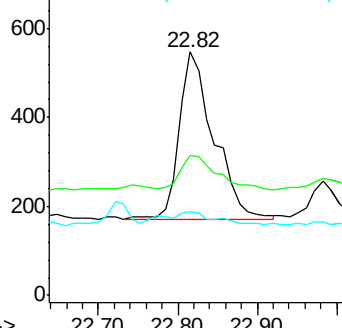
125 34.2 18.1 27.1#



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



#26

Benzo(g,h,i)perylene

Concen: 12.96 ng/ul

RT: 25.74 min Scan# 1763

Delta R.T. -0.74 min

Lab File: BM008708.D

Acq: 29 Dec 2016 00:33

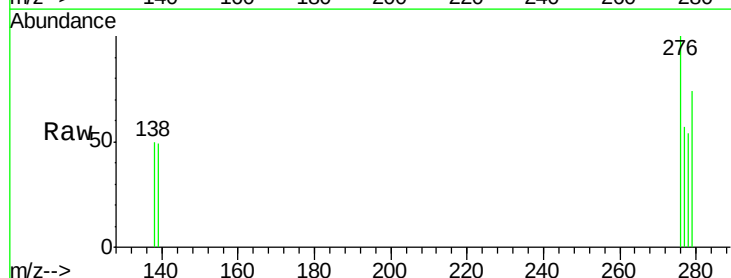
Tgt Ion:276 Resp: 387

Ion Ratio Lower Upper

276 100

277 57.4 21.8 32.8#

138 49.5 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

