

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008717.D
 Acq On : 29 Dec 2016 13:03
 Operator : UM/SJ
 Sample : H6067-10DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G1DL

Quant Time: Dec 30 00:57:40 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

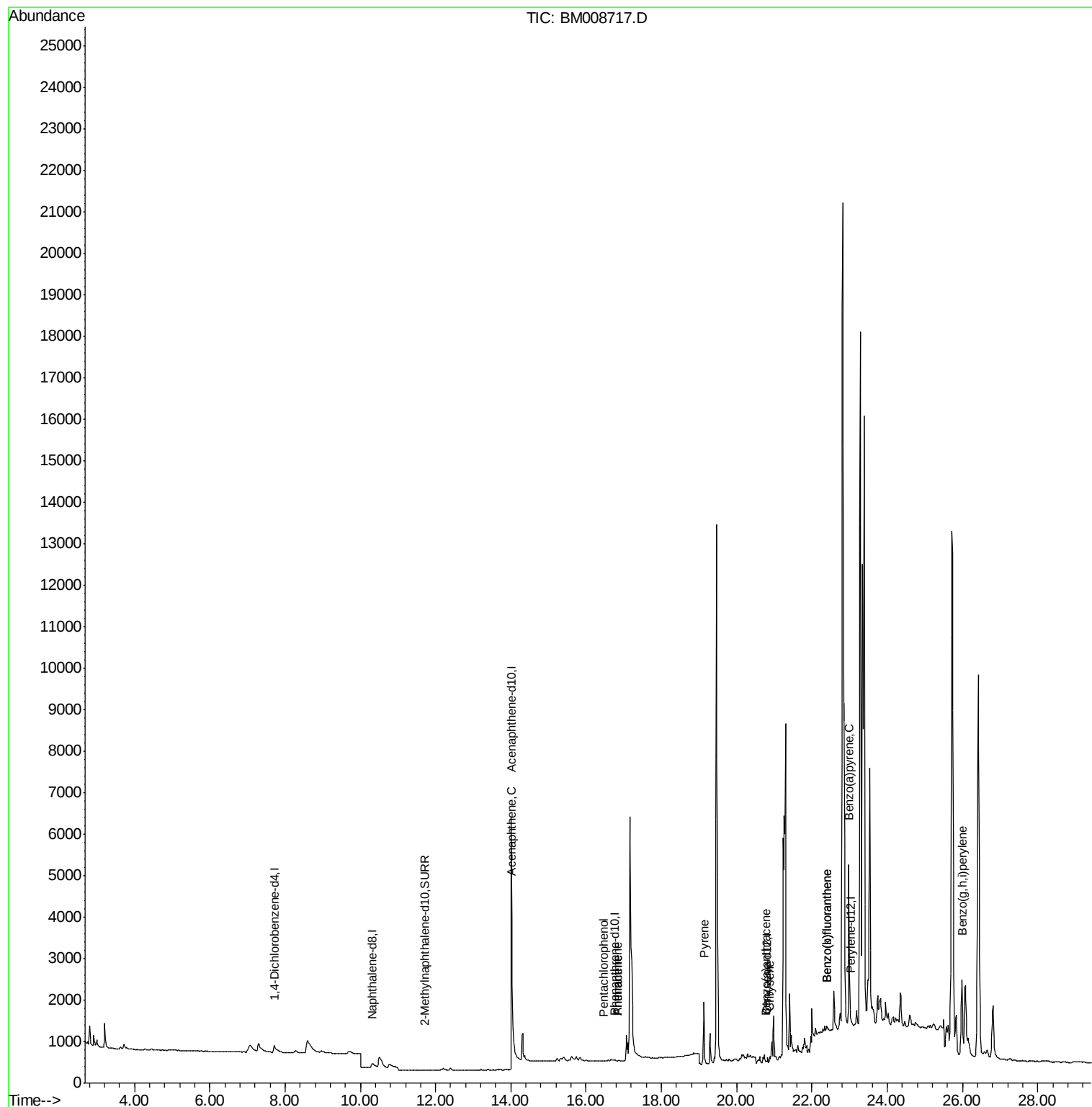
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	255	0.40	ng/ul	-0.14
2) Naphthalene-d8	10.31	136	134	0.40	ng/ul	-0.24
6) Acenaphthene-d10	14.01	164	333	0.40	ng/ul	-0.33
10) Phenanthrene-d10	16.76	188	4	0.40	ng/ul	-0.34
16) Chrysene-d12	20.81	240	4	0.40	ng/ul	-0.47
20) Perylene-d12	23.02	264	12	0.40	ng/ul	-0.49
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	7	0.03	ng/ul	-0.43
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
8) Acenaphthene	14.02	153	362	0.32	ng/ul#	1
11) Pentachlorophenol	16.47	266	1	0.80	ng/ul#	20
12) Phenanthrene	16.83	178	12	0.98	ng/ul#	1
13) Anthracene	16.83	178	13	1.10	ng/ul#	1
17) Pyrene	19.13	202	1992	128.83	ng/ul#	95
18) Benzo(a)anthracene	20.78	228	68	5.18	ng/ul#	1
19) Chrysene	20.88	228	52	3.62	ng/ul#	1
21) Benzo(b)fluoranthene	22.40	252	123	2.60	ng/ul#	1
22) Benzo(k)fluoranthene	22.40	252	123	2.67	ng/ul#	1
23) Benzo(a)pyrene	22.98	252	5555	126.78	ng/ul#	84
26) Benzo(g,h,i)perylene	25.98	276	786	17.55	ng/ul#	53

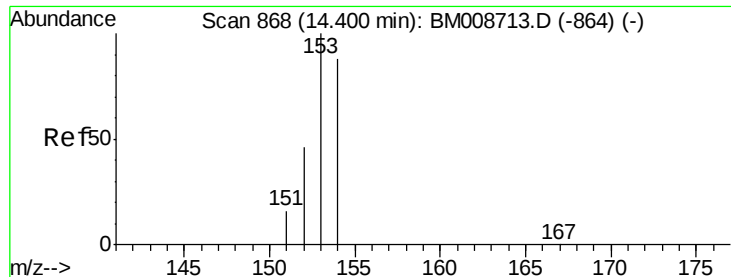
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.32 ng/ul

RT: 14.02 min Scan# 846

Delta R.T. -0.38 min

Lab File: BM008717.D

Acq: 29 Dec 2016 13:03

Instrument :

BNA_M

ClientSampleId :

DA7G1DL

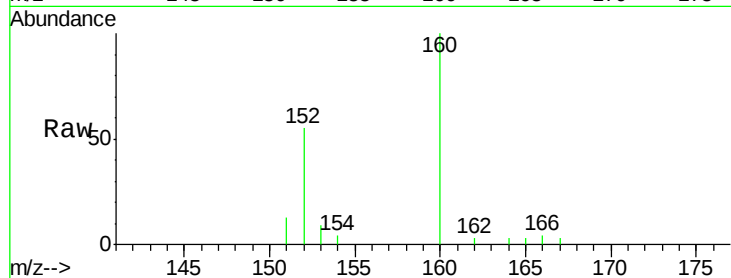
Tgt Ion:153 Resp: 362

Ion Ratio Lower Upper

153 100

152 584.6 40.3 60.5#

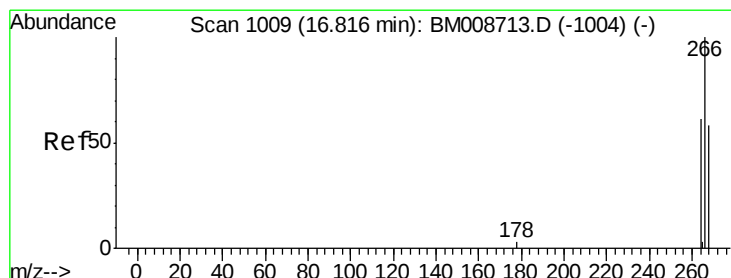
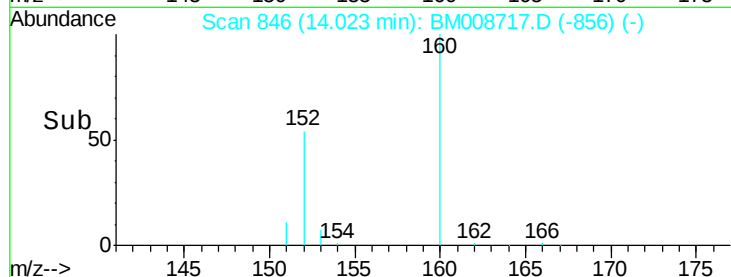
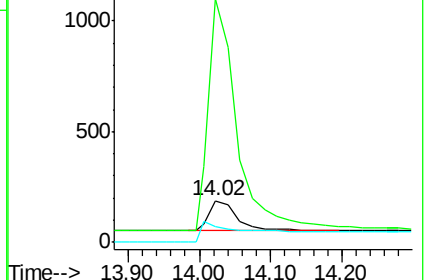
154 38.8 71.4 107.2#



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: 0.80 ng/ul

RT: 16.47 min Scan# 989

Delta R.T. -0.34 min

Lab File: BM008717.D

Acq: 29 Dec 2016 13:03

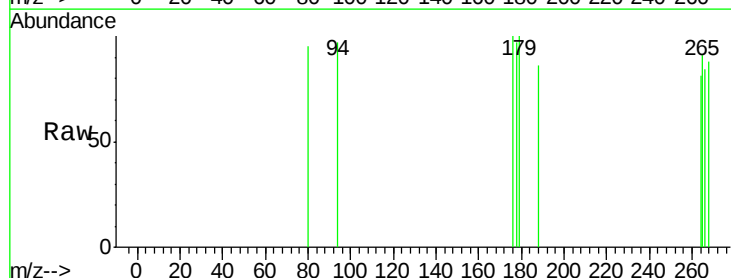
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

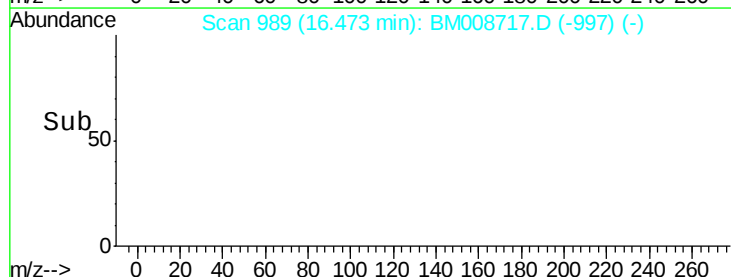
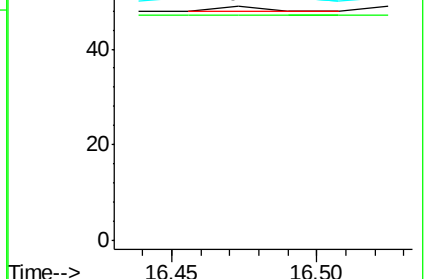
268 0.0 49.8 74.8#

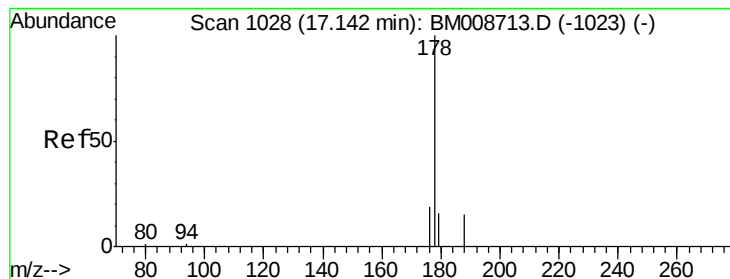


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.98 ng/ul

RT: 16.83 min Scan# 1010

Delta R.T. -0.31 min

Lab File: BM008717.D

Acq: 29 Dec 2016 13:03

Instrument :

BNA_M

ClientSampleId :

DA7G1DL

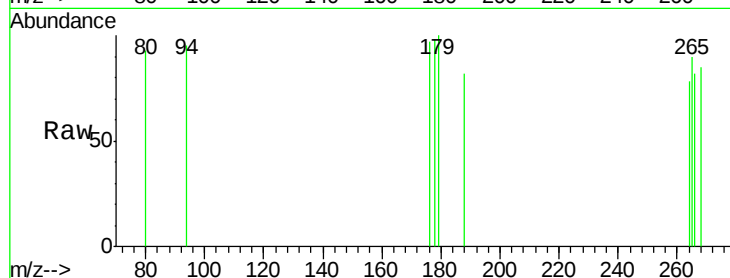
Tgt Ion:178 Resp: 12

Ion Ratio Lower Upper

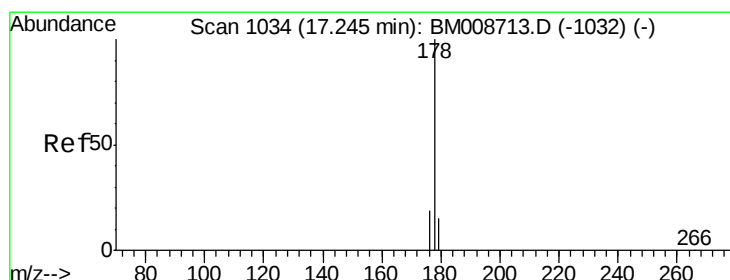
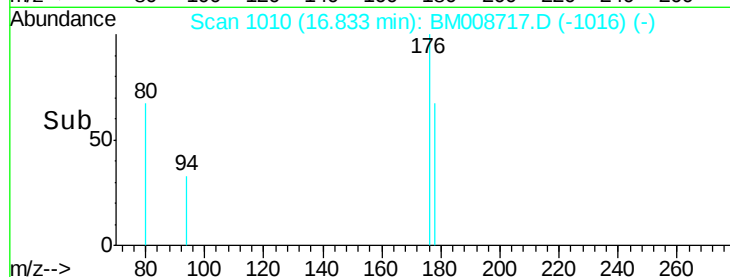
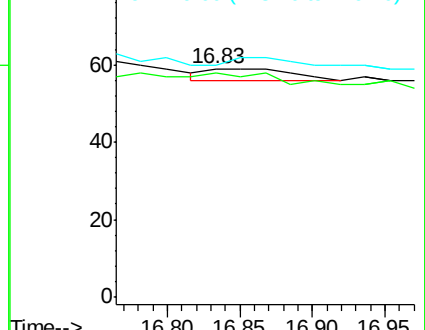
178 100

176 98.3 18.4 27.6#

179 101.7 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: 1.10 ng/ul

RT: 16.83 min Scan# 1010

Delta R.T. -0.41 min

Lab File: BM008717.D

Acq: 29 Dec 2016 13:03

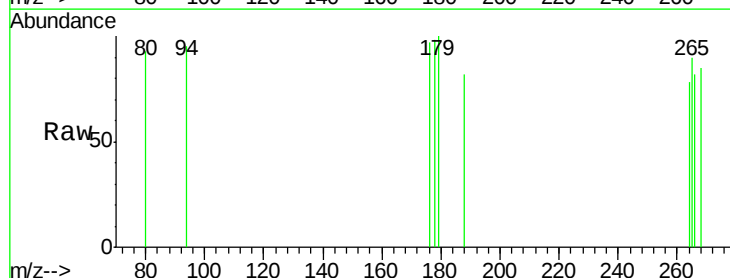
Tgt Ion:178 Resp: 13

Ion Ratio Lower Upper

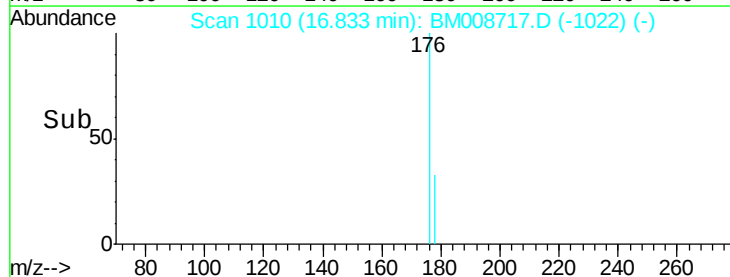
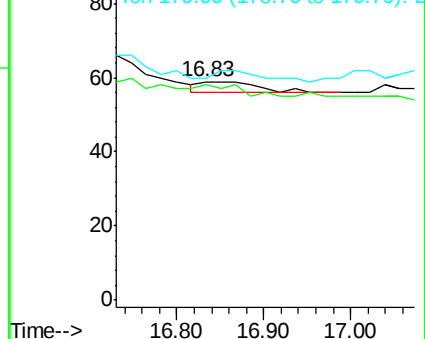
178 100

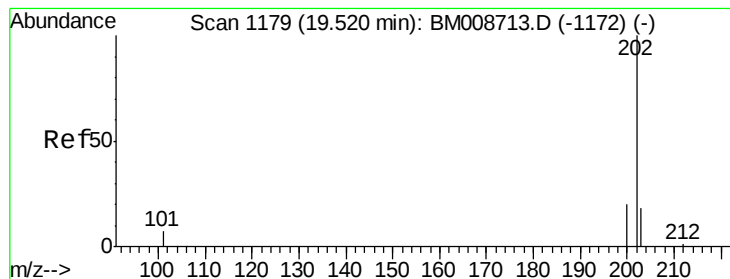
176 98.3 18.1 27.1#

179 101.7 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





#17

Pyrene

Concen: 128.83 ng/ul

RT: 19.13 min Scan# 1147

Delta R.T. -0.39 min

Lab File: BM008717.D

Acq: 29 Dec 2016 13:03

Instrument :

BNA_M

ClientSampleId :

DA7G1DL

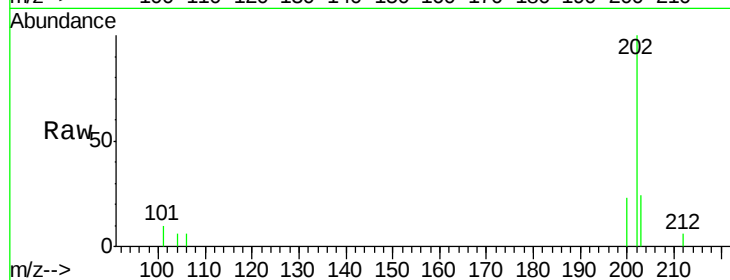
Tgt Ion:202 Resp: 1992

Ion Ratio Lower Upper

202 100

200 23.4 18.2 27.4

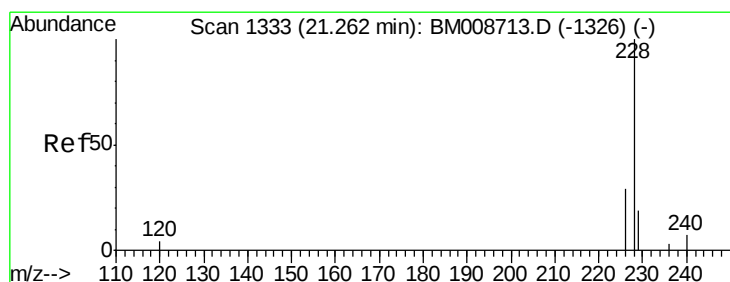
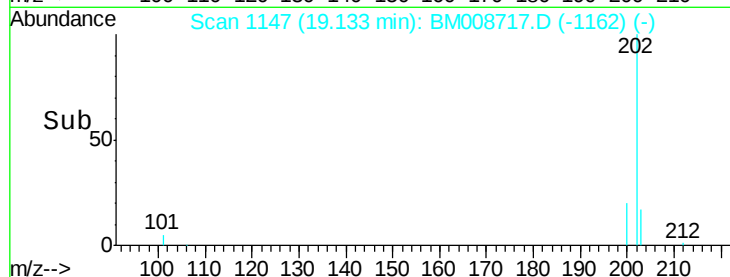
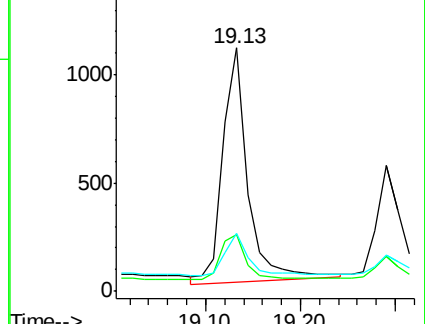
203 23.8 15.6 23.4#



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: 5.18 ng/ul

RT: 20.78 min Scan# 1287

Delta R.T. -0.48 min

Lab File: BM008717.D

Acq: 29 Dec 2016 13:03

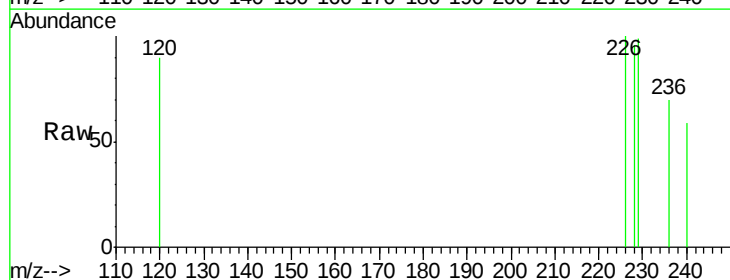
Tgt Ion:228 Resp: 68

Ion Ratio Lower Upper

228 100

226 104.0 22.8 34.2#

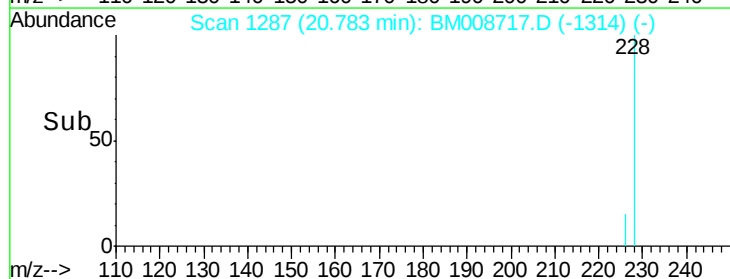
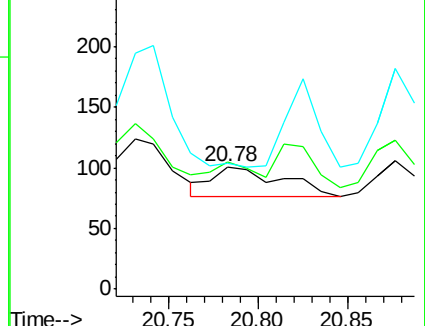
229 103.0 17.0 25.6#

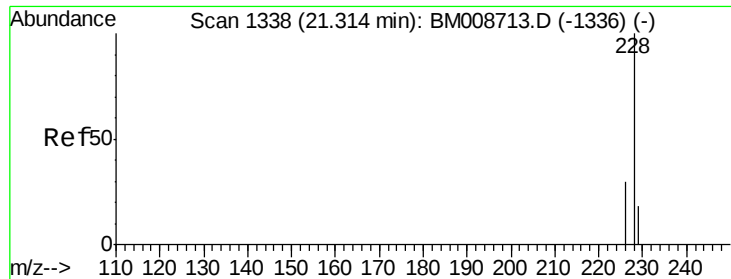


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 3.62 ng/ul

RT: 20.88 min Scan# 1296

Delta R.T. -0.44 min

Lab File: BM008717.D

Acq: 29 Dec 2016 13:03

Instrument :

BNA_M

ClientSampleId :

DA7G1DL

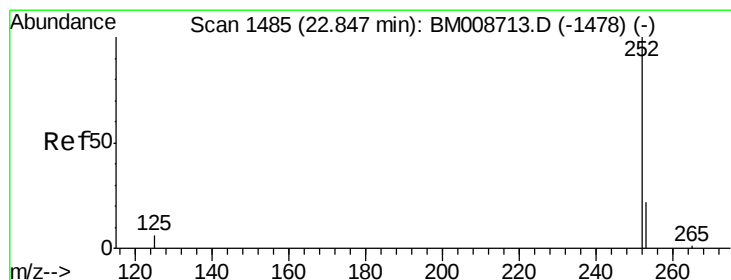
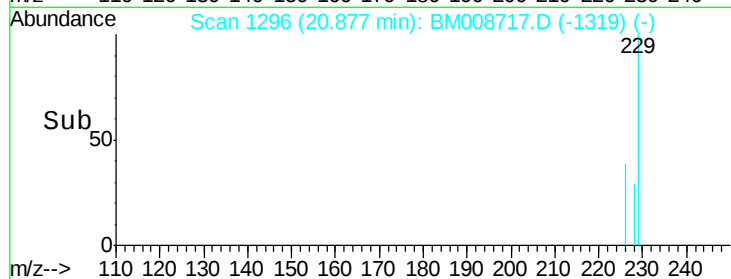
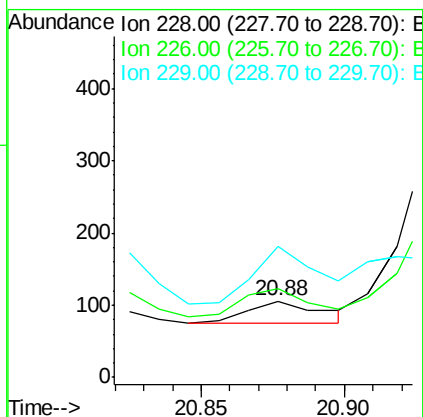
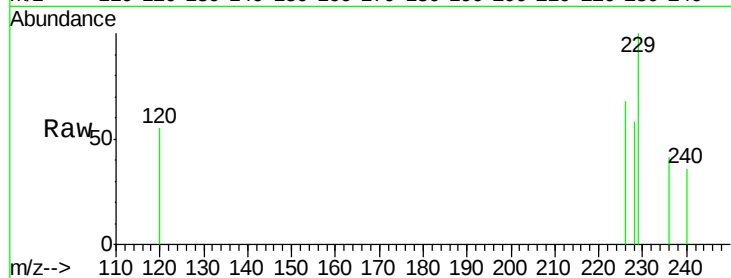
Tgt Ion:228 Resp: 52

Ion Ratio Lower Upper

228 100

226 116.0 23.4 35.0#

229 171.7 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 2.60 ng/ul

RT: 22.40 min Scan# 1442

Delta R.T. -0.45 min

Lab File: BM008717.D

Acq: 29 Dec 2016 13:03

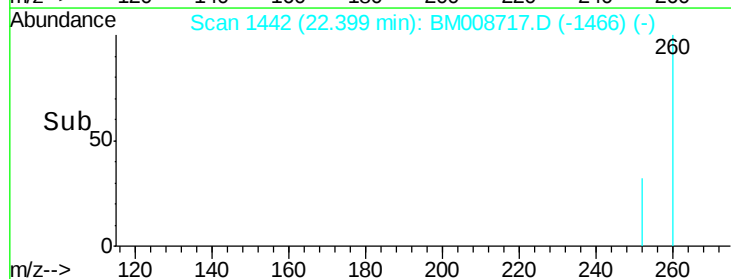
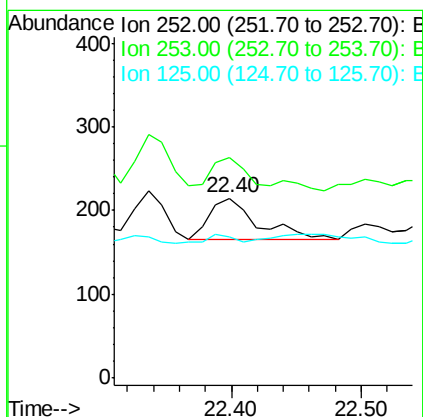
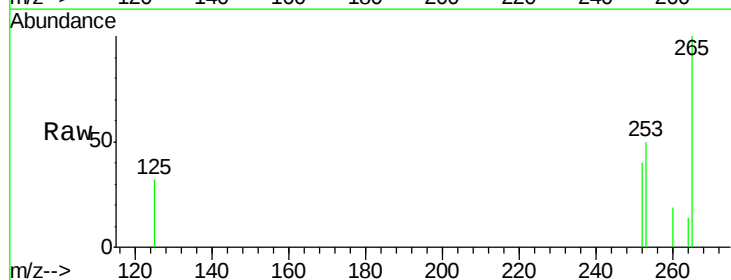
Tgt Ion:252 Resp: 123

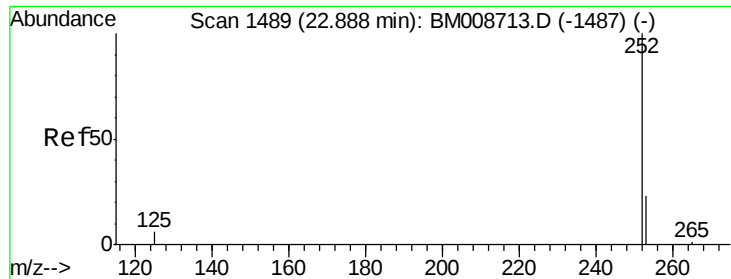
Ion Ratio Lower Upper

252 100

253 122.3 0.0 64.2#

125 78.1 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 2.67 ng/ul

RT: 22.40 min Scan# 1442

Delta R.T. -0.49 min

Lab File: BM008717.D

Acq: 29 Dec 2016 13:03

Instrument :

BNA_M

ClientSampleId :

DA7G1DL

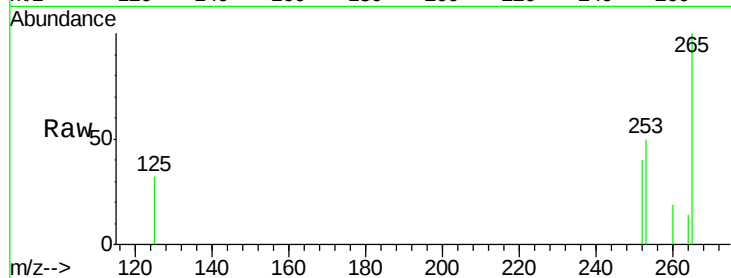
Tgt Ion: 252 Resp: 123

Ion Ratio Lower Upper

252 100

253 122.3 24.5 36.7#

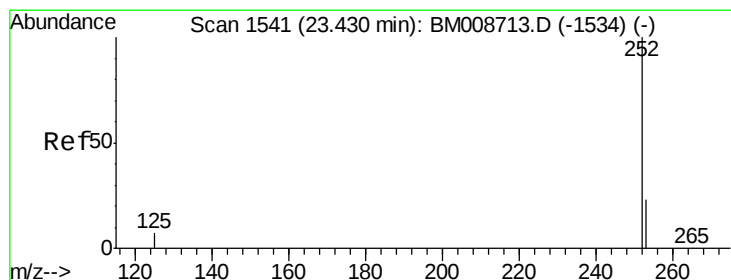
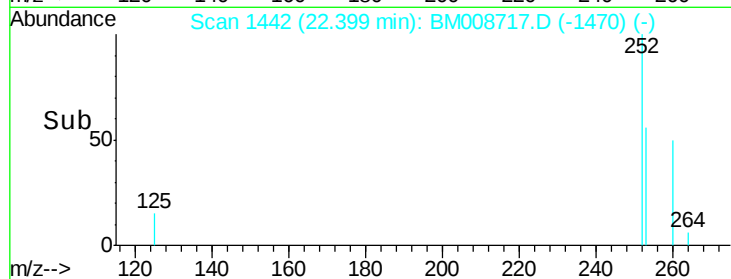
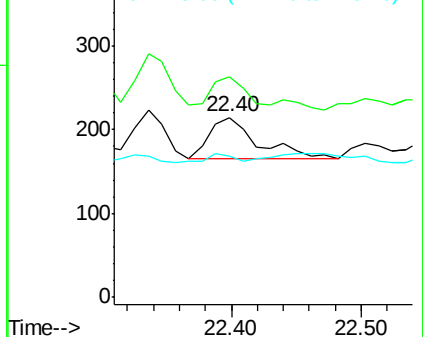
125 78.1 13.7 20.5#



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: 126.78 ng/ul

RT: 22.98 min Scan# 1498

Delta R.T. -0.45 min

Lab File: BM008717.D

Acq: 29 Dec 2016 13:03

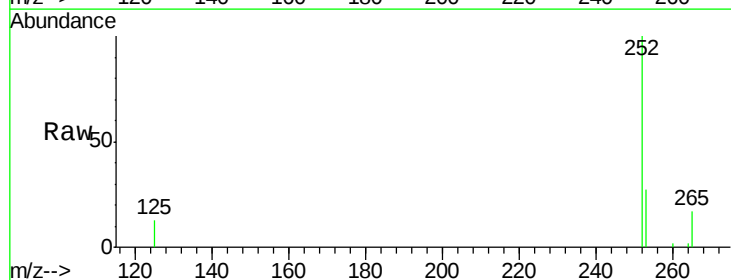
Tgt Ion: 252 Resp: 5555

Ion Ratio Lower Upper

252 100

253 27.3 28.5 42.7#

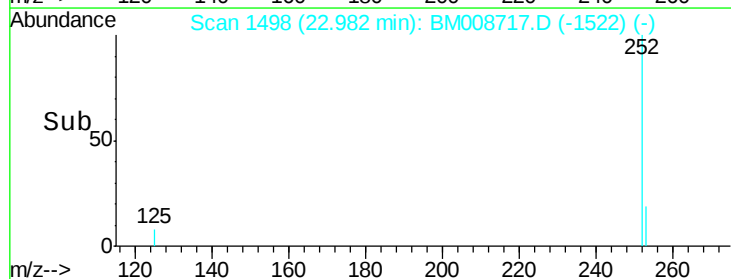
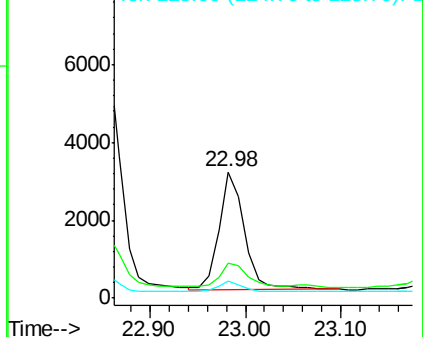
125 13.2 18.1 27.1#

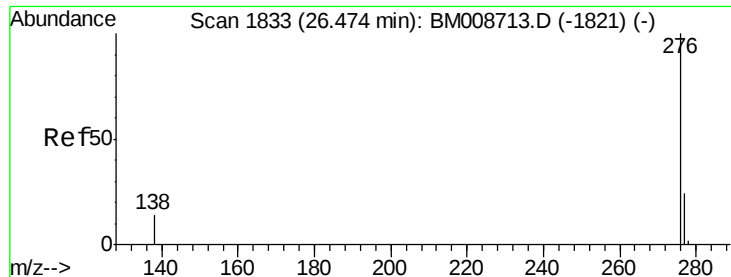


Abundance Ion 252.00 (251.70 to 252.70): E

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: 17.55 ng/ul

RT: 25.98 min Scan# 1786

Delta R.T. -0.49 min

Lab File: BM008717.D

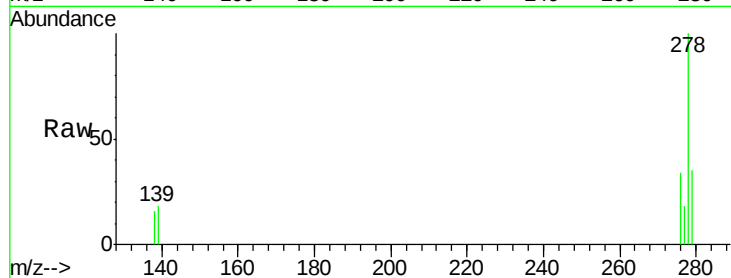
Acq: 29 Dec 2016 13:03

Instrument :

BNA_M

ClientSampleId :

DA7G1DL



Tgt Ion: 276 Resp: 786

Ion Ratio Lower Upper

276 100

277 54.2 21.8 32.8#

138 47.4 20.5 30.7#

