

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122916\
 Data File : BM008715.D
 Acq On : 29 Dec 2016 11:49
 Operator : UM/SJ
 Sample : H6067-13DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G4DL

Quant Time: Dec 30 00:57:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 00:54:22 2016
 Response via : Initial Calibration

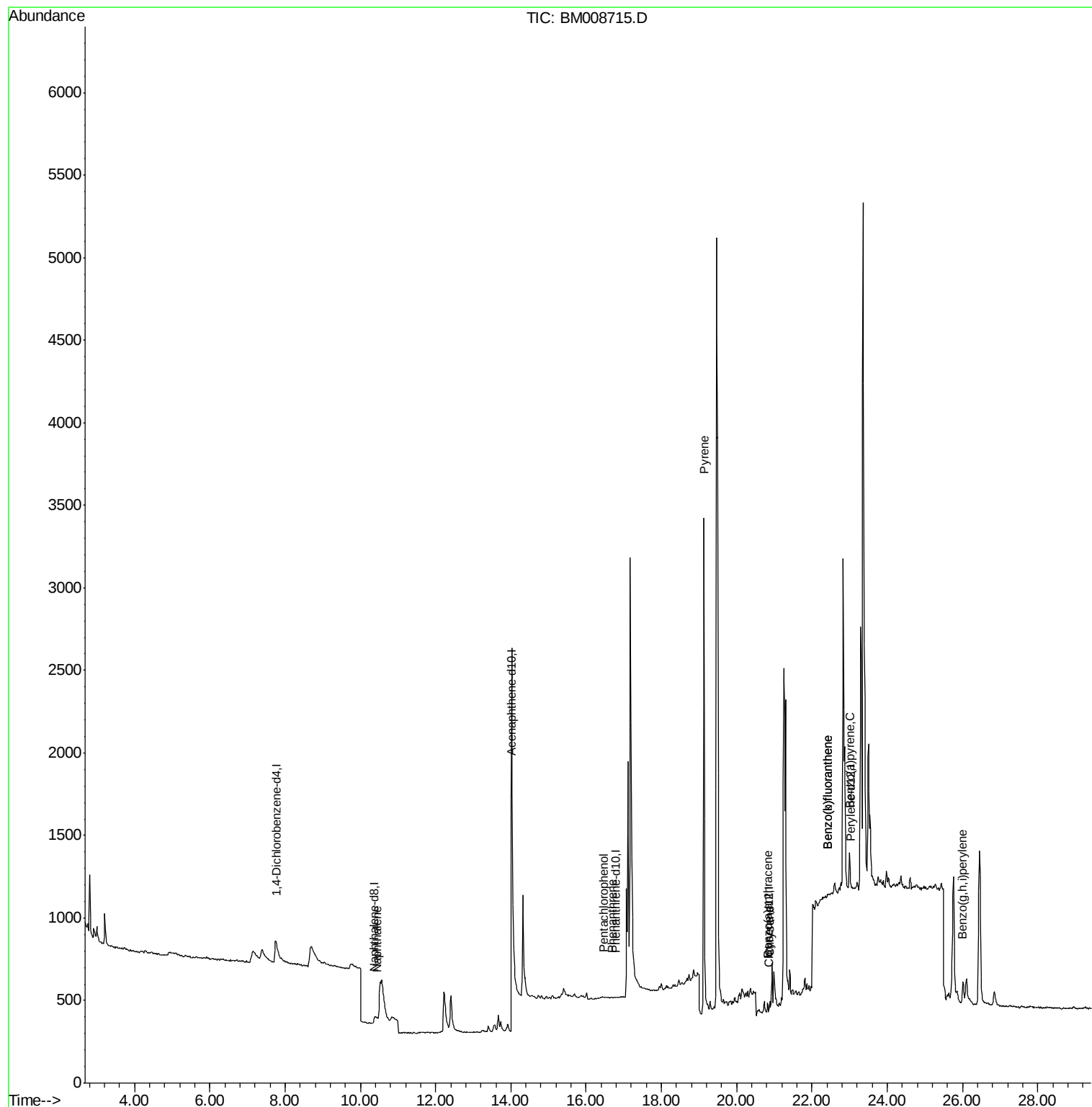
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	290	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.38	136	52	0.40	ng/ul	-0.17
6) Acenaphthene-d10	14.01	164	628	0.40	ng/ul	-0.33
10) Phenanthrene-d10	16.78	188	7	0.40	ng/ul	-0.33
16) Chrysene-d12	20.86	240	3	0.40	ng/ul	-0.43
20) Perylene-d12	23.03	264	8	0.40	ng/ul	-0.48
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1	0.01	ng/ul	-0.20
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
3) Naphthalene	10.44	128	3	0.02	ng/ul#	1
11) Pentachlorophenol	16.47	266	1	0.46	ng/ul#	20
12) Phenanthrene	16.68	178	13	0.61	ng/ul#	1
17) Pyrene	19.13	202	3758	324.07	ng/ul	98
18) Benzo(a)anthracene	20.82	228	10	1.02	ng/ul#	1
19) Chrysene	20.88	228	13	1.21	ng/ul#	1
21) Benzo(b)fluoranthene	22.41	252	26	0.82	ng/ul#	1
22) Benzo(k)fluoranthene	22.41	252	24	0.78	ng/ul#	1
23) Benzo(a)pyrene	23.00	252	377	12.91	ng/ul#	35
26) Benzo(g,h,i)perylene	26.01	276	58	1.94	ng/ul#	1

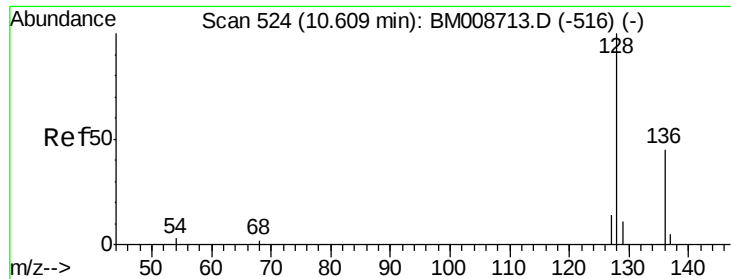
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.44 min Scan# 510

Delta R.T. -0.17 min

Lab File: BM008715.D

Acq: 29 Dec 2016 11:49

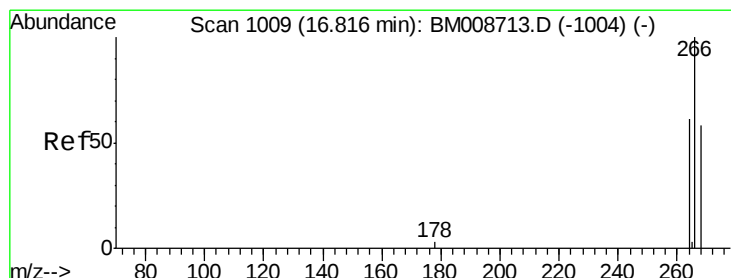
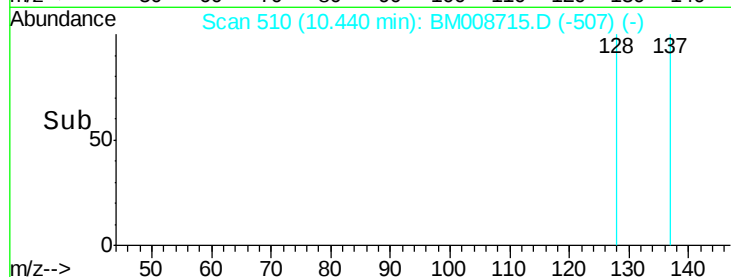
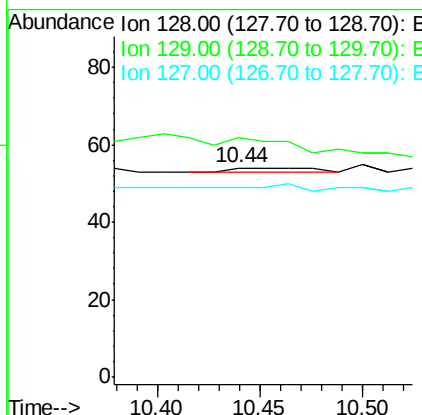
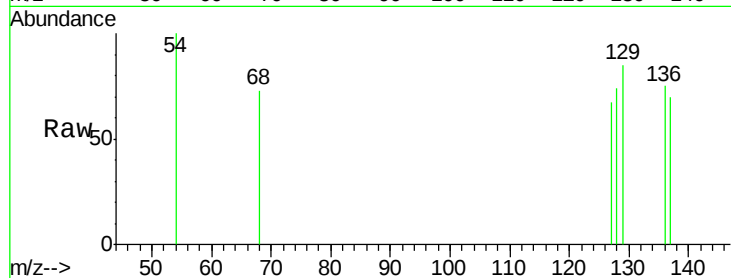
Instrument :

BNA_M

ClientSampleId :

DA7G4DL

Tgt Ion:	128	Resp:	3
Ion	Ratio	Lower	Upper
128	100		
129	114.8	11.3	16.9#
127	90.7	12.8	19.2#



#11

Pentachlorophenol

Concen: 0.46 ng/ul

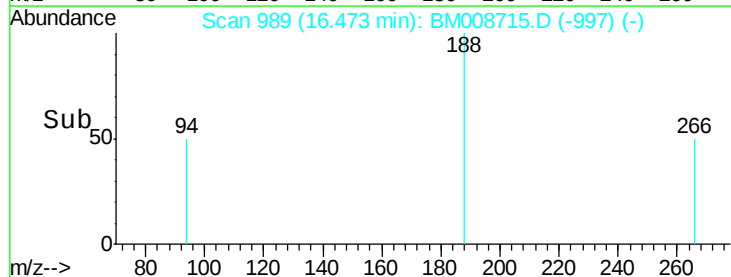
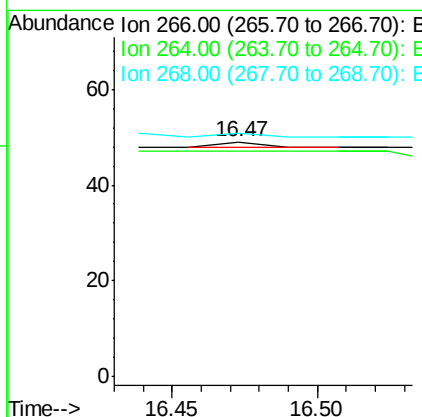
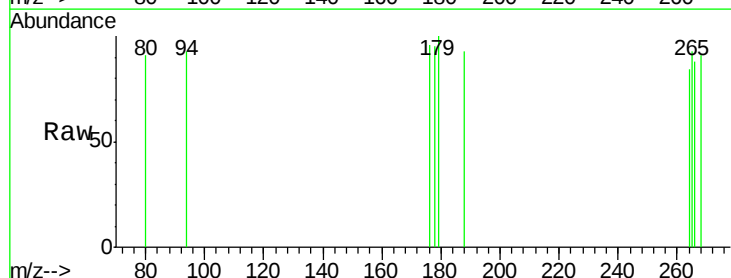
RT: 16.47 min Scan# 989

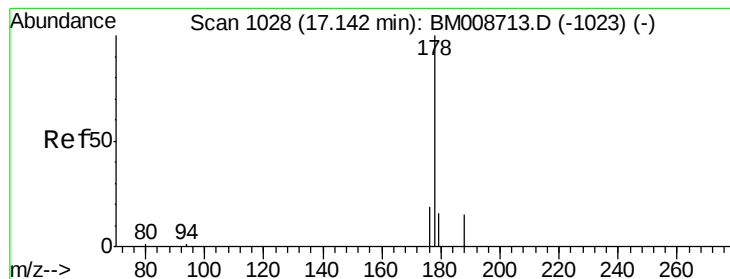
Delta R.T. -0.34 min

Lab File: BM008715.D

Acq: 29 Dec 2016 11:49

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#





#12

Phenanthrene

Concen: 0.61 ng/ul

RT: 16.68 min Scan# 1001

Delta R.T. -0.46 min

Lab File: BM008715.D

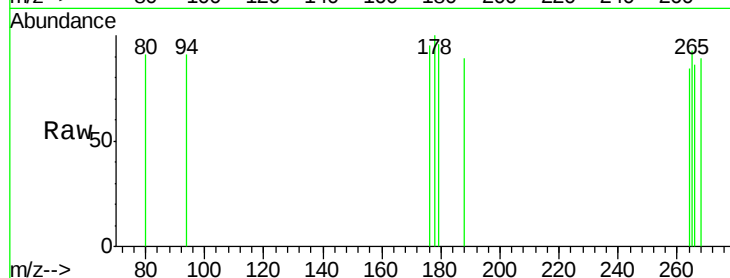
Acq: 29 Dec 2016 11:49

Instrument :

BNA_M

ClientSampleId :

DA7G4DL



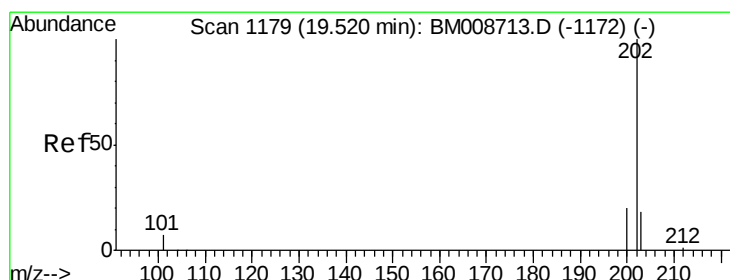
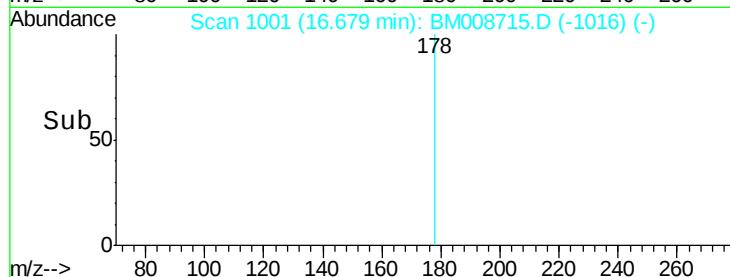
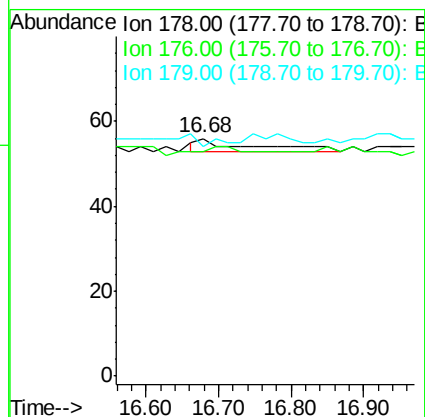
Tgt Ion:178 Resp: 13

Ion Ratio Lower Upper

178 100

176 94.6 18.4 27.6#

179 96.4 13.6 20.4#



#17

Pyrene

Concen: 324.07 ng/ul

RT: 19.13 min Scan# 1147

Delta R.T. -0.39 min

Lab File: BM008715.D

Acq: 29 Dec 2016 11:49

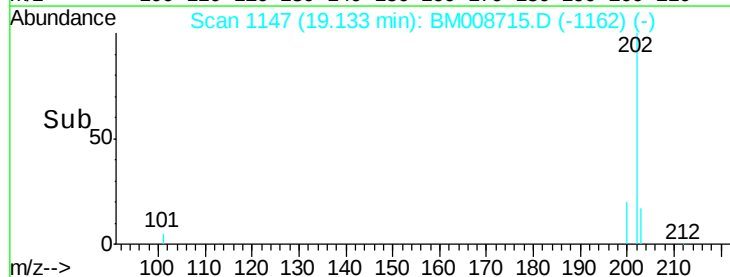
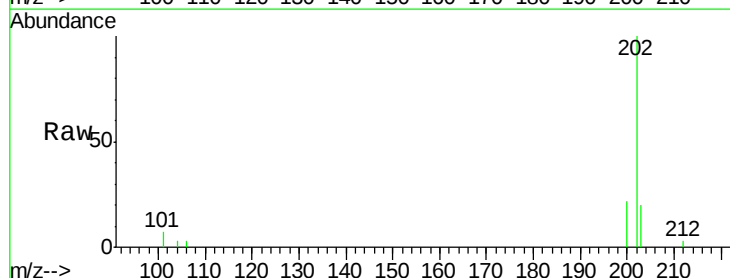
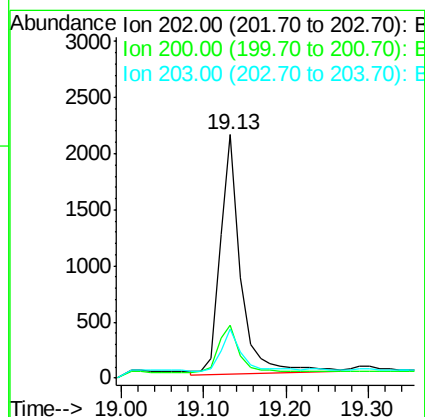
Tgt Ion:202 Resp: 3758

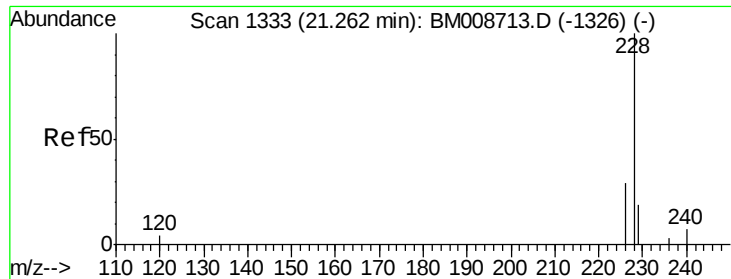
Ion Ratio Lower Upper

202 100

200 21.5 18.2 27.4

203 20.2 15.6 23.4





#18

Benzo(a)anthracene

Concen: 1.02 ng/ul

RT: 20.82 min Scan# 1291

Delta R.T. -0.44 min

Lab File: BM008715.D

Acq: 29 Dec 2016 11:49

Instrument :

BNA_M

ClientSampleId :

DA7G4DL

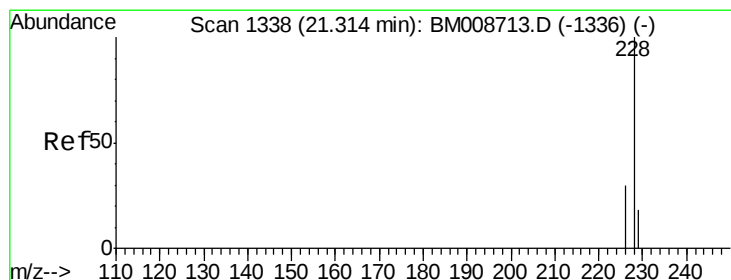
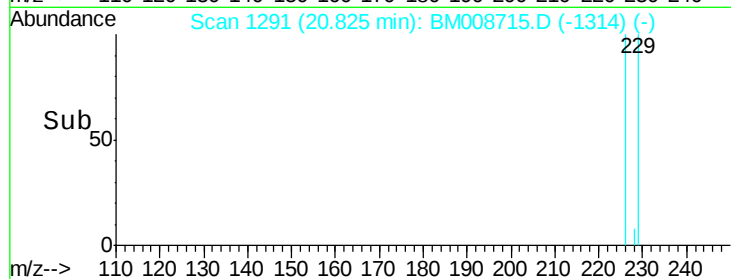
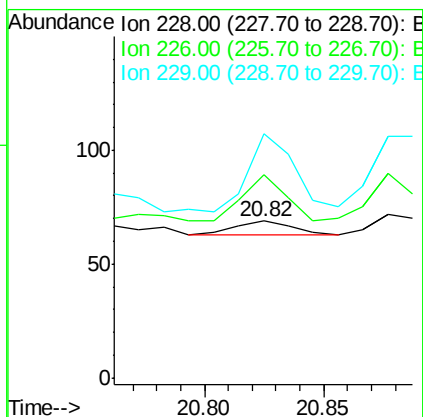
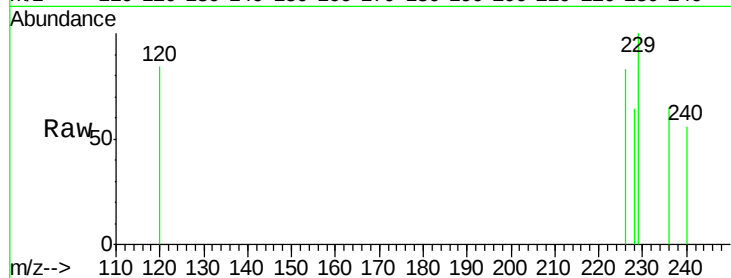
Tgt Ion:228 Resp: 10

Ion Ratio Lower Upper

228 100

226 129.0 22.8 34.2#

229 155.1 17.0 25.6#



#19

Chrysene

Concen: 1.21 ng/ul

RT: 20.88 min Scan# 1296

Delta R.T. -0.44 min

Lab File: BM008715.D

Acq: 29 Dec 2016 11:49

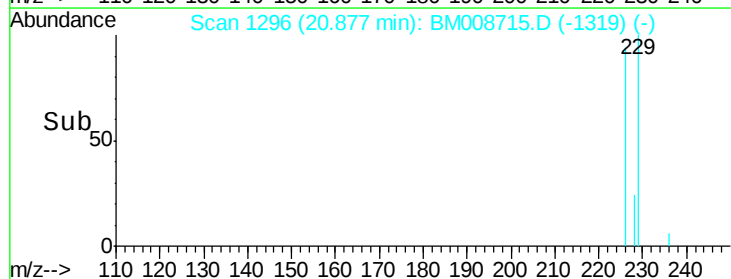
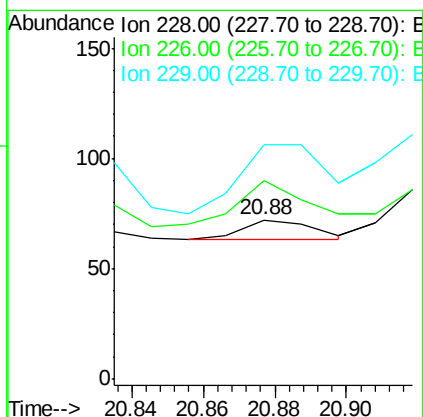
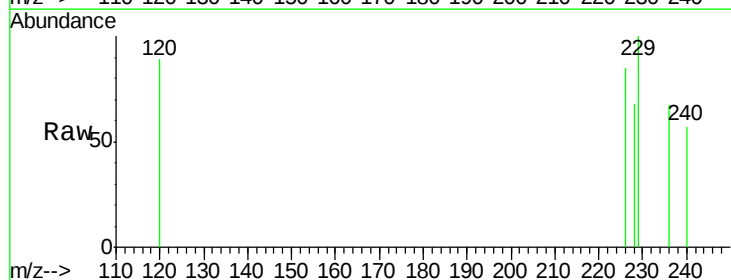
Tgt Ion:228 Resp: 13

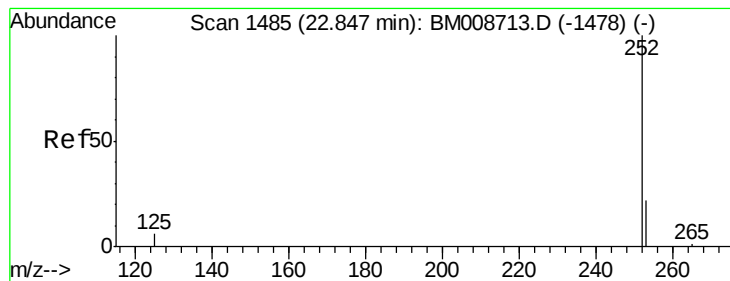
Ion Ratio Lower Upper

228 100

226 125.0 23.4 35.0#

229 147.2 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.82 ng/ul

RT: 22.41 min Scan# 1443

Delta R.T. -0.44 min

Lab File: BM008715.D

Acq: 29 Dec 2016 11:49

Instrument :

BNA_M

ClientSampleId :

DA7G4DL

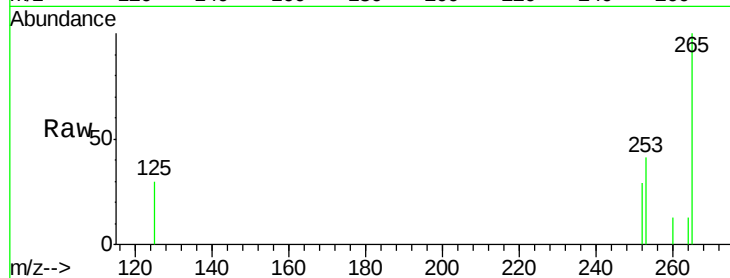
Tgt Ion: 252 Resp: 26

Ion Ratio Lower Upper

252 100

253 140.5 0.0 64.2#

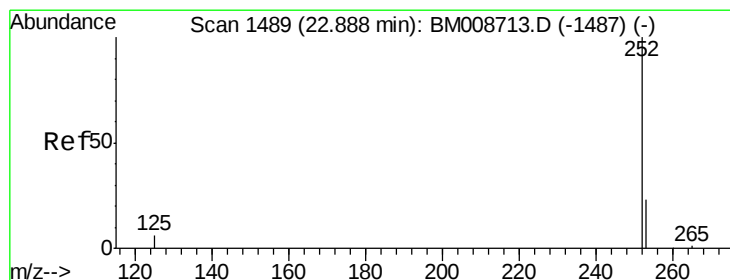
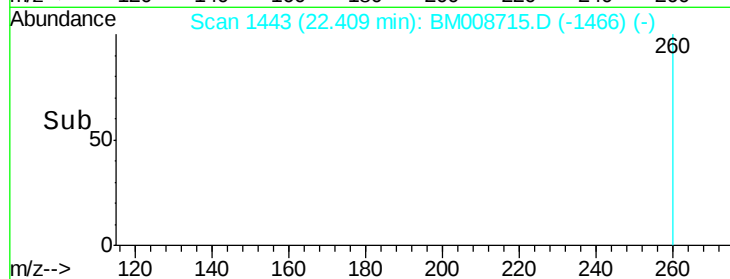
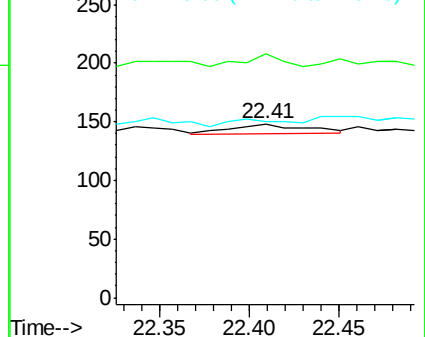
125 101.4 0.0 35.0#



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: 0.78 ng/ul

RT: 22.41 min Scan# 1443

Delta R.T. -0.48 min

Lab File: BM008715.D

Acq: 29 Dec 2016 11:49

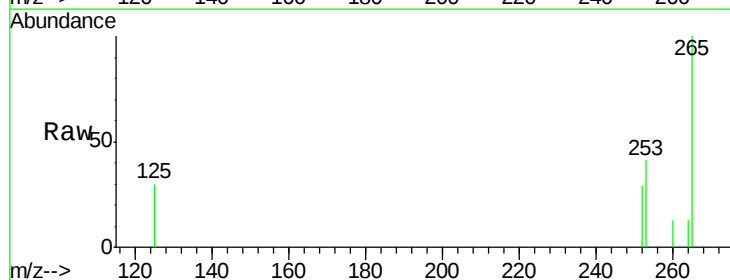
Tgt Ion: 252 Resp: 24

Ion Ratio Lower Upper

252 100

253 140.5 24.5 36.7#

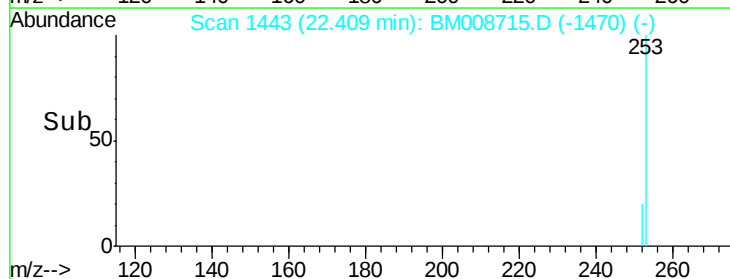
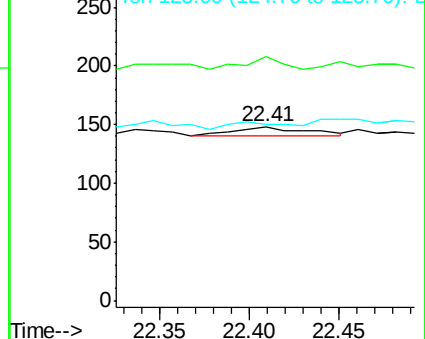
125 101.4 13.7 20.5#

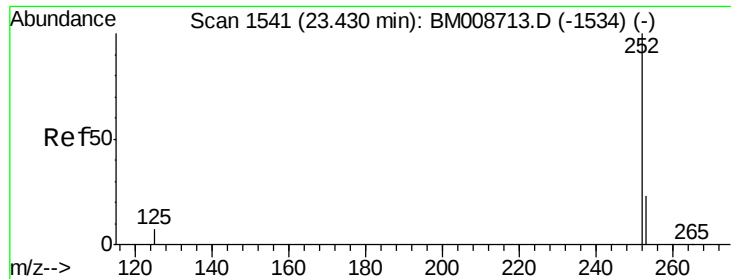


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 12.91 ng/ul

RT: 23.00 min Scan# 1500

Delta R.T. -0.43 min

Lab File: BM008715.D

Acq: 29 Dec 2016 11:49

Instrument :

BNA_M

ClientSampleId :

DA7G4DL

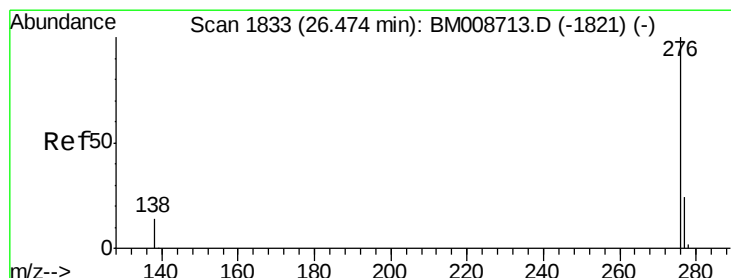
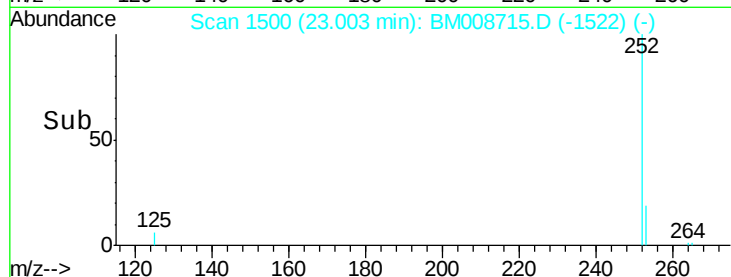
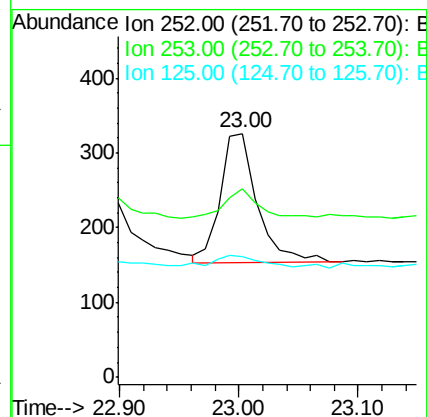
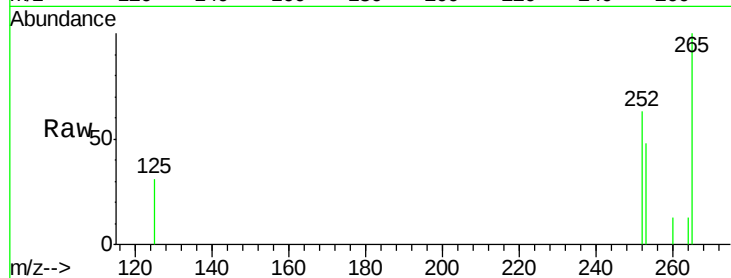
Tgt Ion: 252 Resp: 377

Ion Ratio Lower Upper

252 100

253 77.3 28.5 42.7#

125 49.7 18.1 27.1#



#26

Benzo(g,h,i)perylene

Concen: 1.94 ng/ul

RT: 26.01 min Scan# 1788

Delta R.T. -0.47 min

Lab File: BM008715.D

Acq: 29 Dec 2016 11:49

Tgt Ion: 276 Resp: 58

Ion Ratio Lower Upper

276 100

277 90.8 21.8 32.8#

138 94.3 20.5 30.7#

