

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122016\
 Data File : BM008488.D
 Acq On : 20 Dec 2016 20:30
 Operator : UM/SJ
 Sample : H6039-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S7

Quant Time: Dec 21 10:24:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 02:43:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	403	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.26	136	15903	0.40	ng/ul	-0.22
6) Acenaphthene-d10	14.02	164	2972	0.40	ng/ul	-0.29
10) Phenanthrene-d10	16.70	188	120	0.40	ng/ul	-0.38
16) Chrysene-d12	20.76	240	1	0.40	ng/ul	-0.50
20) Perylene-d12	22.95	264	4	0.40	ng/ul	-0.55

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.88	152	503	0.02	ng/ul	-0.20
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

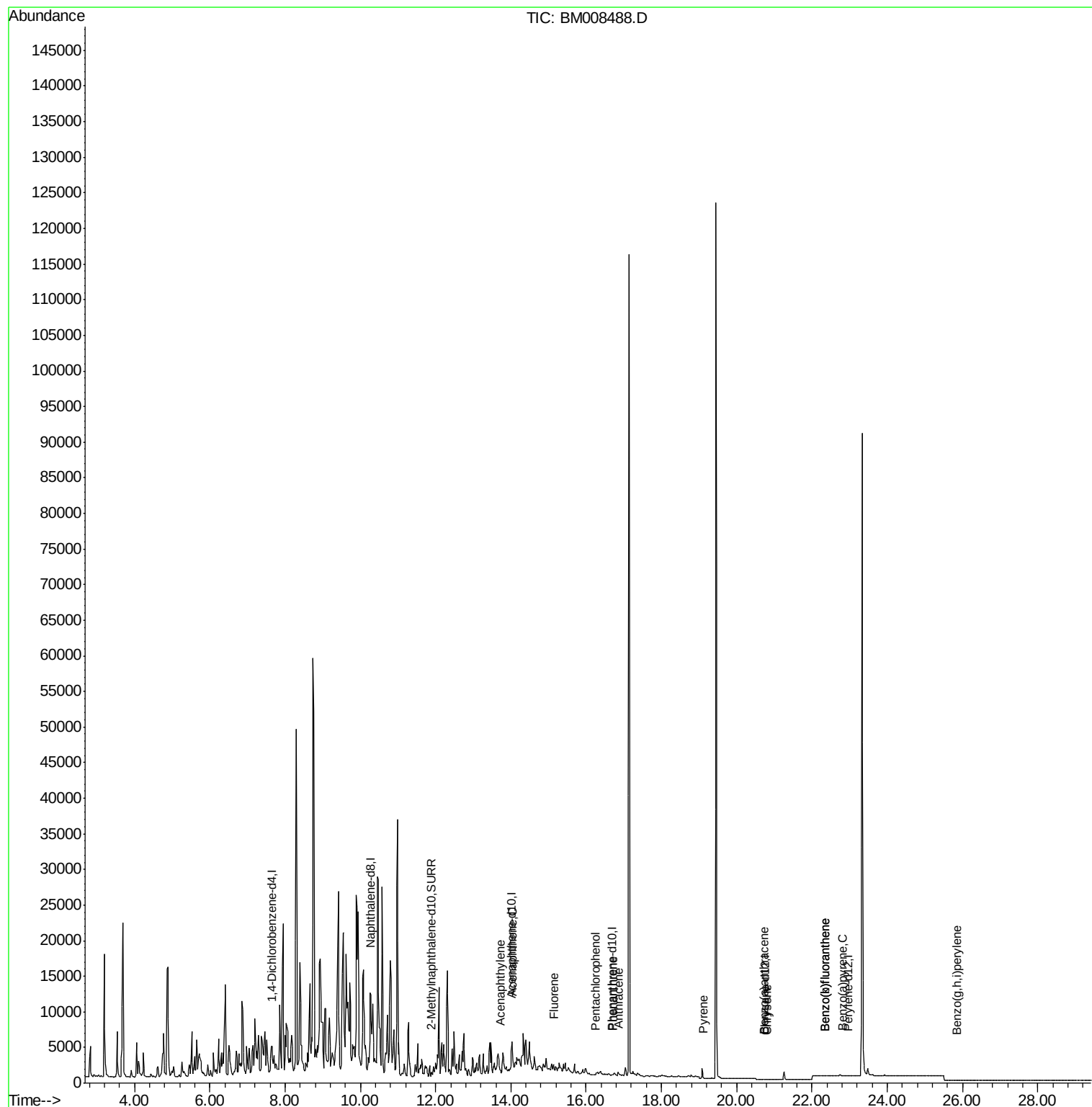
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	13.72	152	315	0.02	ng/ul#	1
8) Acenaphthene	14.04	153	586	0.06	ng/ul#	1
9) Fluorene	15.14	166	253	0.02	ng/ul#	1
11) Pentachlorophenol	16.25	266	7	0.19	ng/ul#	38
12) Phenanthrene	16.71	178	293	0.80	ng/ul#	1
13) Anthracene	16.87	178	128	0.36	ng/ul#	1
17) Pyrene	19.12	202	1060	274.22	ng/ul#	1
18) Benzo(a)anthracene	20.73	228	10	3.05	ng/ul#	1
19) Chrysene	20.80	228	3	0.83	ng/ul#	1
21) Benzo(b)fluoranthene	22.35	252	9	0.57	ng/ul#	1
22) Benzo(k)fluoranthene	22.35	252	9	0.59	ng/ul#	1
23) Benzo(a)pyrene	22.82	252	111	7.60	ng/ul#	1
26) Benzo(g,h,i)perylene	25.85	276	4	0.27	ng/ul#	1

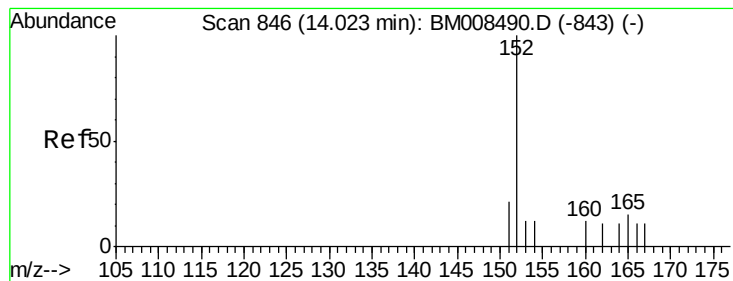
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 13.72 min Scan# 818

Delta R.T. -0.30 min

Lab File: BM008488.D

Acq: 20 Dec 2016 20:30

Instrument :

BNA_M

ClientSampleId :

DA8S7

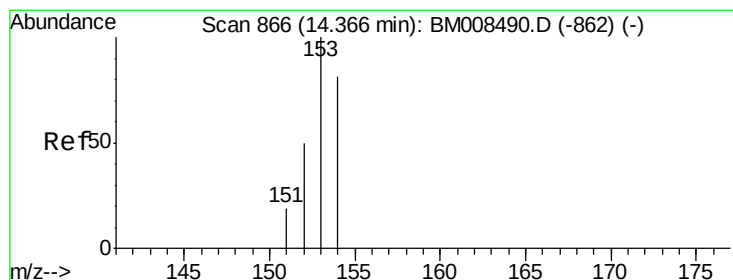
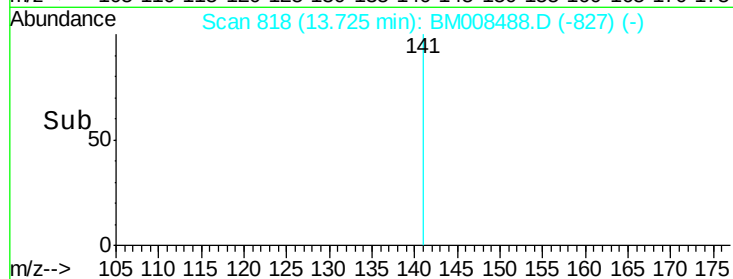
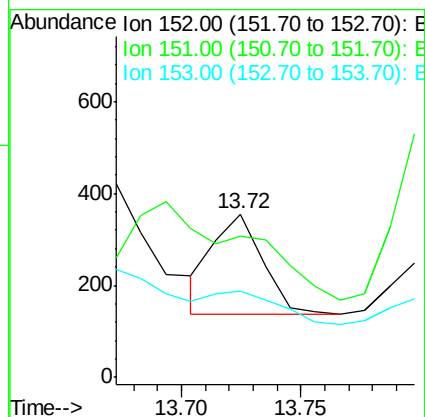
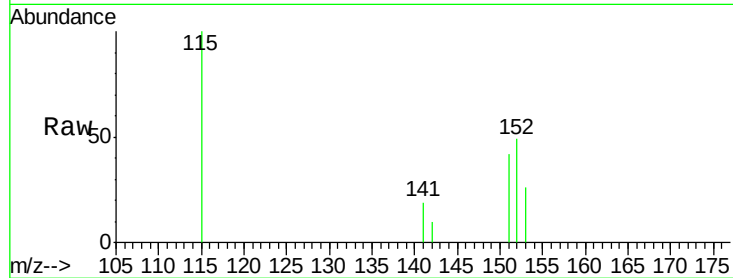
Tgt Ion:152 Resp: 315

Ion Ratio Lower Upper

152 100

151 86.8 17.1 25.7#

153 53.0 12.8 19.2#



#8

Acenaphthene

Concen: 0.06 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.33 min

Lab File: BM008488.D

Acq: 20 Dec 2016 20:30

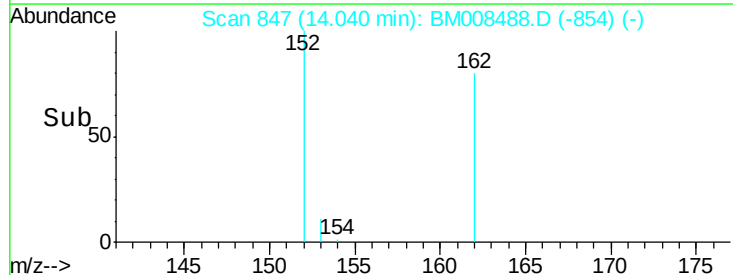
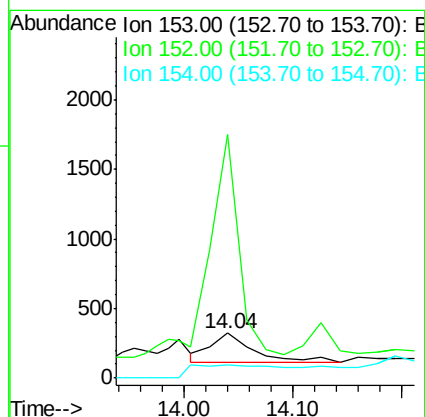
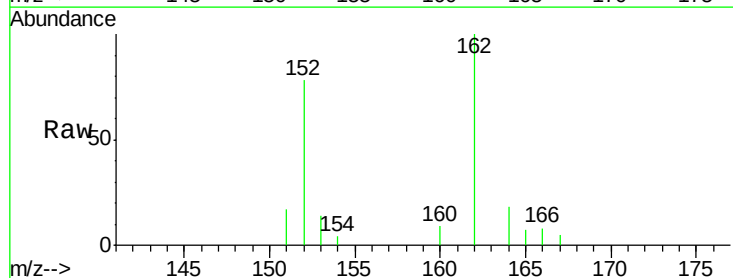
Tgt Ion:153 Resp: 586

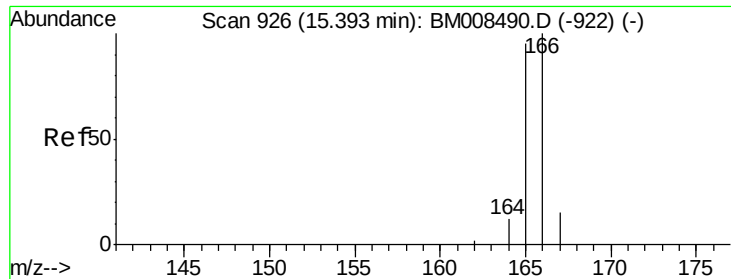
Ion Ratio Lower Upper

153 100

152 541.8 40.3 60.5#

154 29.4 71.4 107.2#





#9

Fluorene

Concen: 0.02 ng/ul

RT: 15.14 min Scan# 911

Delta R.T. -0.26 min

Lab File: BM008488.D

Acq: 20 Dec 2016 20:30

Instrument :

BNA_M

ClientSampleId :

DA8S7

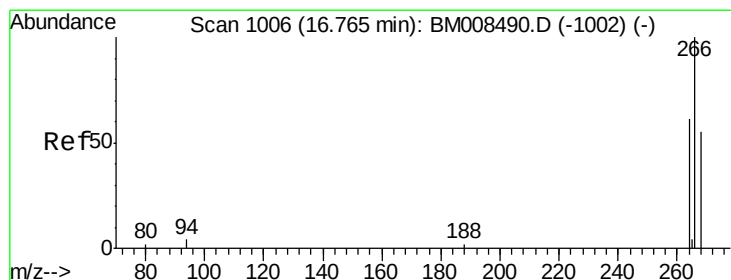
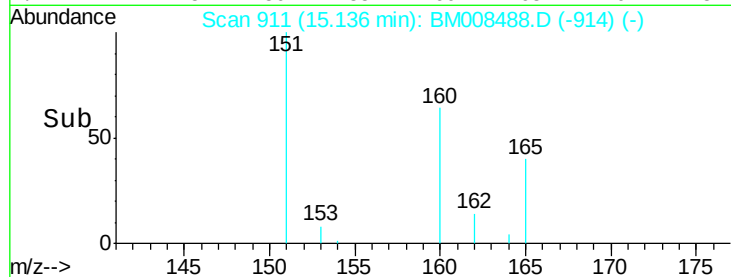
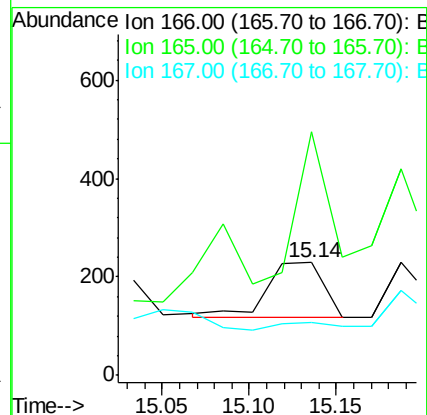
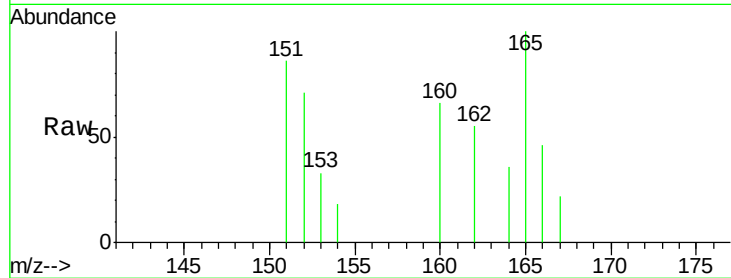
Tgt Ion:166 Resp: 253

Ion Ratio Lower Upper

166 100

165 216.2 73.4 110.2#

167 46.7 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.19 ng/ul

RT: 16.25 min Scan# 976

Delta R.T. -0.51 min

Lab File: BM008488.D

Acq: 20 Dec 2016 20:30

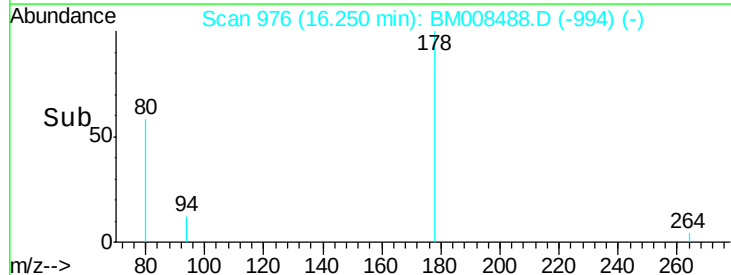
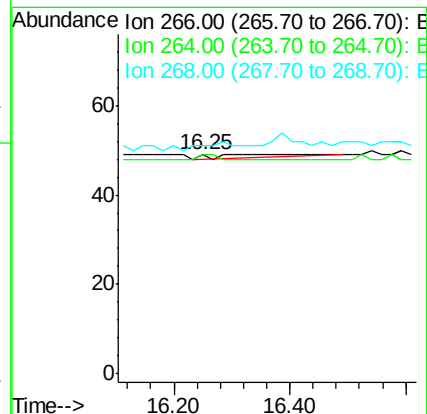
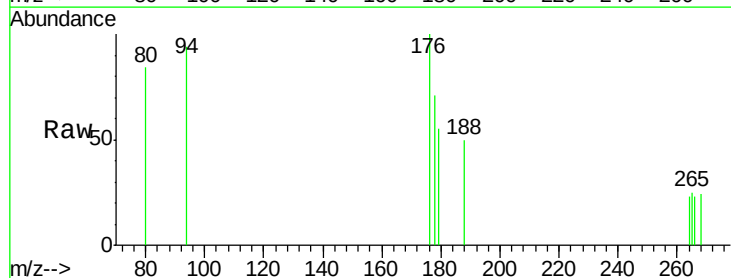
Tgt Ion:266 Resp: 7

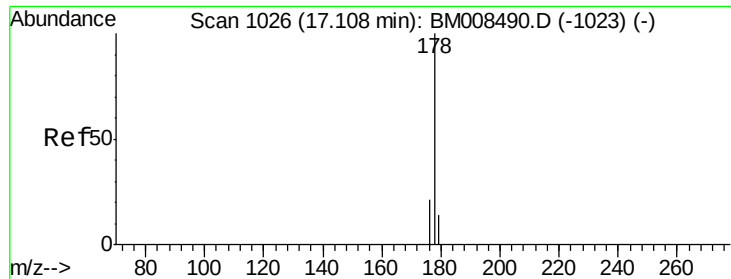
Ion Ratio Lower Upper

266 100

264 28.6 47.9 71.9#

268 0.0 49.8 74.8#





#12

Phenanthrene

Concen: 0.80 ng/ul

RT: 16.71 min Scan# 1003

Delta R.T. -0.39 min

Lab File: BM008488.D

Acq: 20 Dec 2016 20:30

Instrument :

BNA_M

ClientSampleId :

DA8S7

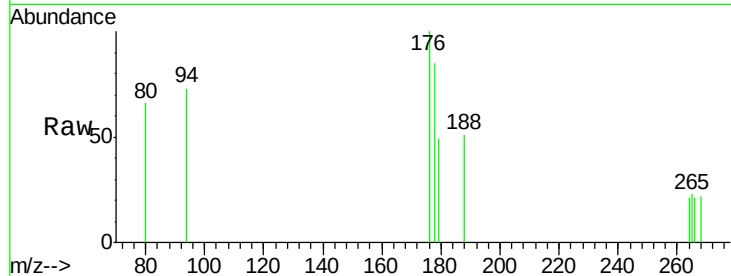
Tgt Ion:178 Resp: 293

Ion Ratio Lower Upper

178 100

176 118.3 18.4 27.6#

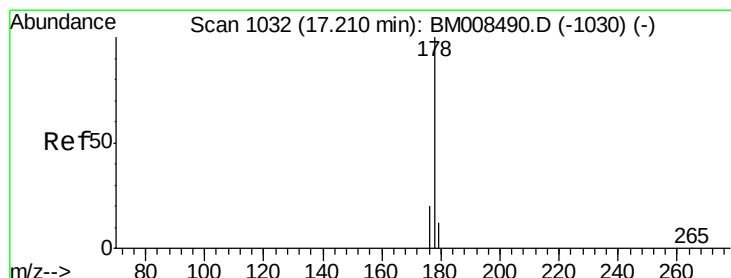
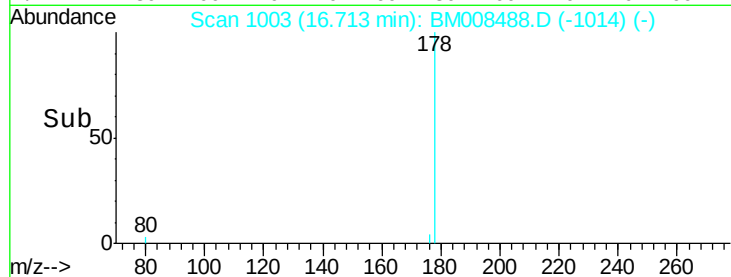
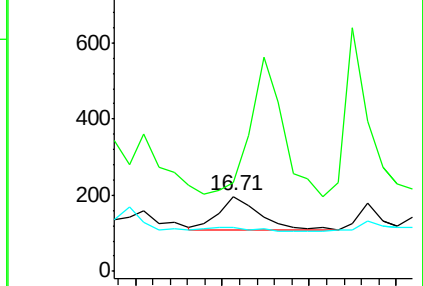
179 58.4 13.6 20.4#



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: 0.36 ng/ul

RT: 16.87 min Scan# 1012

Delta R.T. -0.34 min

Lab File: BM008488.D

Acq: 20 Dec 2016 20:30

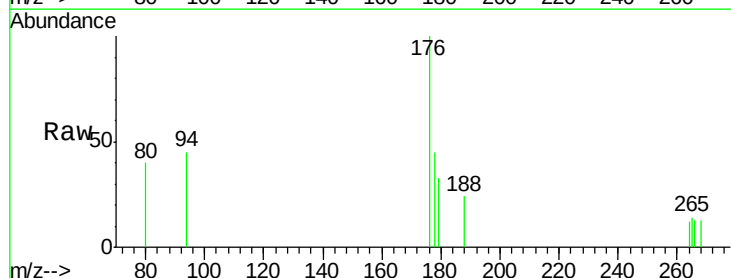
Tgt Ion:178 Resp: 128

Ion Ratio Lower Upper

178 100

176 221.3 18.1 27.1#

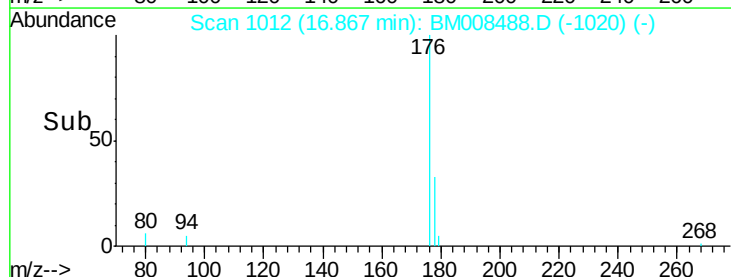
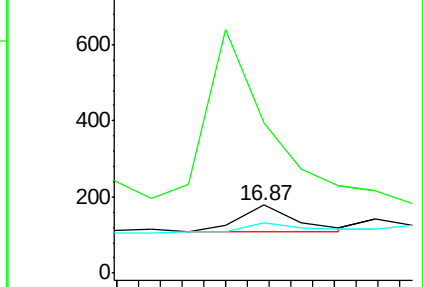
179 73.6 14.7 22.1#

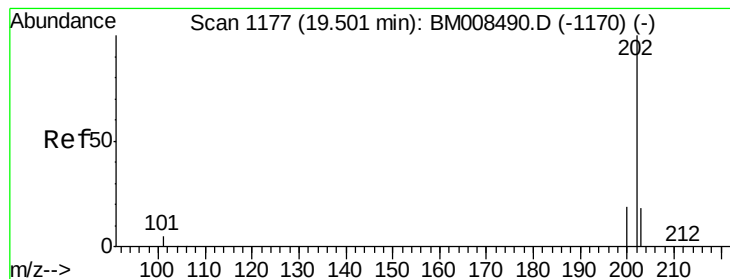


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Pyrene

Concen: 274.22 ng/ul

RT: 19.12 min Scan# 1146

Delta R.T. -0.38 min

Lab File: BM008488.D

Acq: 20 Dec 2016 20:30

Instrument :

BNA_M

ClientSampleId :

DA8S7

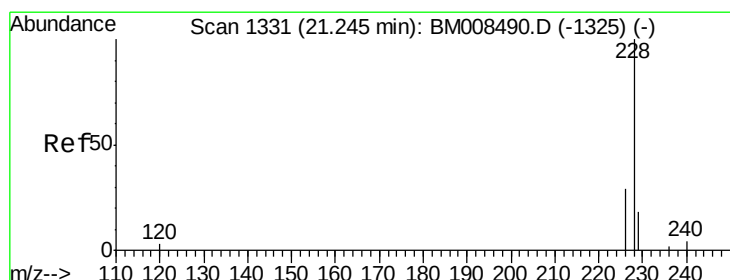
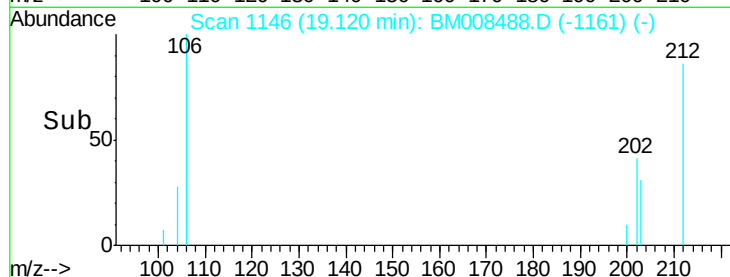
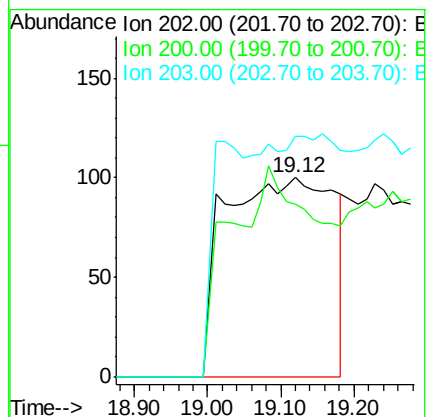
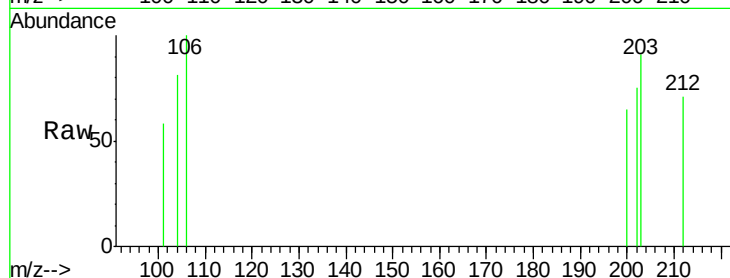
Tgt Ion:202 Resp: 1060

Ion Ratio Lower Upper

202 100

200 87.0 18.2 27.4#

203 121.0 15.6 23.4#



#18

Benzo(a)anthracene

Concen: 3.05 ng/ul

RT: 20.73 min Scan# 1282

Delta R.T. -0.51 min

Lab File: BM008488.D

Acq: 20 Dec 2016 20:30

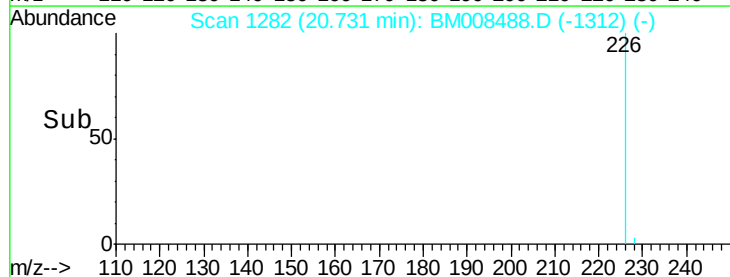
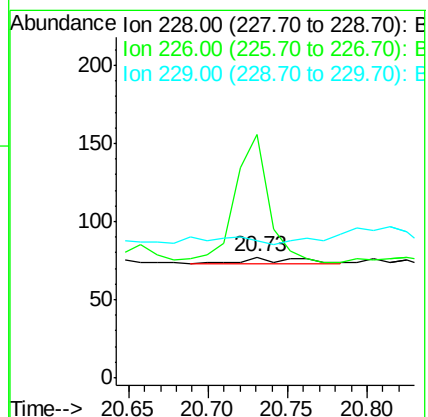
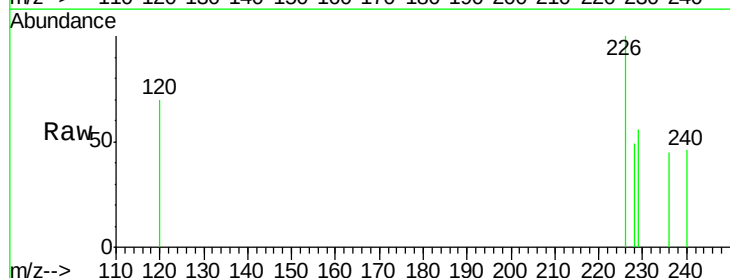
Tgt Ion:228 Resp: 10

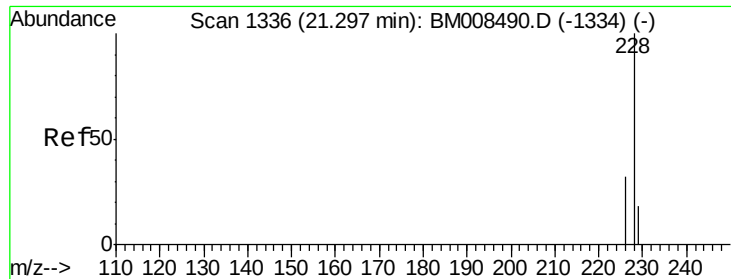
Ion Ratio Lower Upper

228 100

226 202.6 22.8 34.2#

229 114.3 17.0 25.6#





#19

Chrysene

Concen: 0.83 ng/ul

RT: 20.80 min Scan# 1289

Delta R.T. -0.49 min

Lab File: BM008488.D

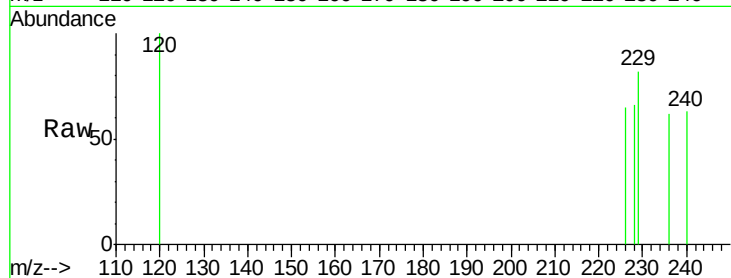
Acq: 20 Dec 2016 20:30

Instrument :

BNA_M

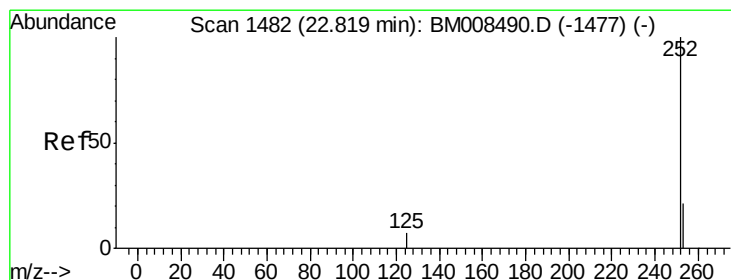
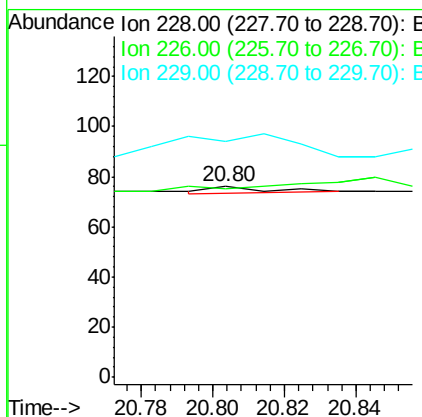
ClientSampleId :

DA8S7



Tgt Ion: 228 Resp: 3

Ion	Ratio	Lower	Upper
228	100		
226	98.7	23.4	35.0#
229	123.7	17.7	26.5#



#21

Benzo(b)fluoranthene

Concen: 0.57 ng/ul

RT: 22.35 min Scan# 1437

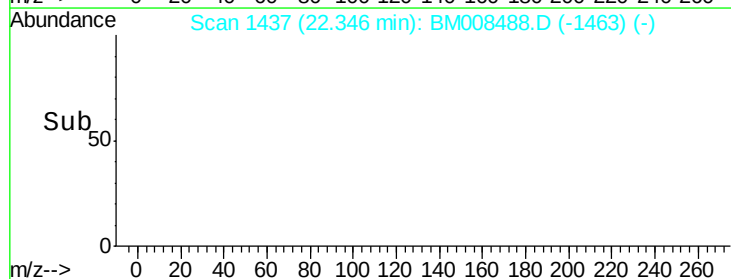
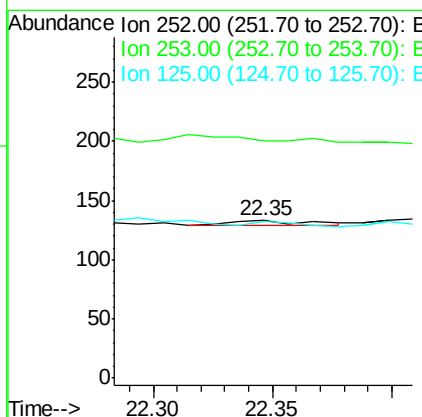
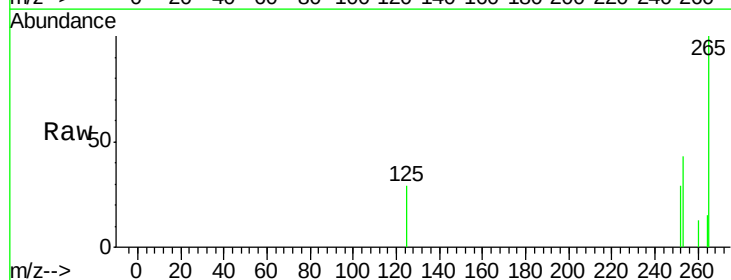
Delta R.T. -0.47 min

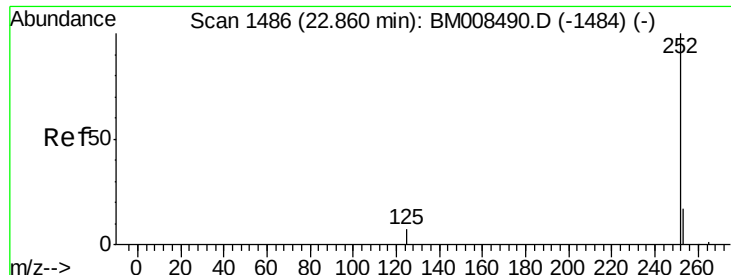
Lab File: BM008488.D

Acq: 20 Dec 2016 20:30

Tgt Ion: 252 Resp: 9

Ion	Ratio	Lower	Upper
252	100		
253	150.4	0.0	64.2#
125	99.2	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.59 ng/ul

RT: 22.35 min Scan# 1437

Delta R.T. -0.51 min

Lab File: BM008488.D

Acq: 20 Dec 2016 20:30

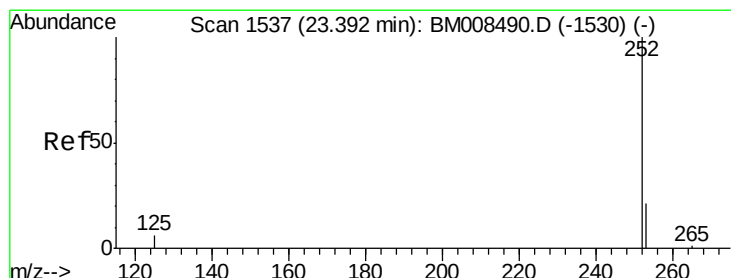
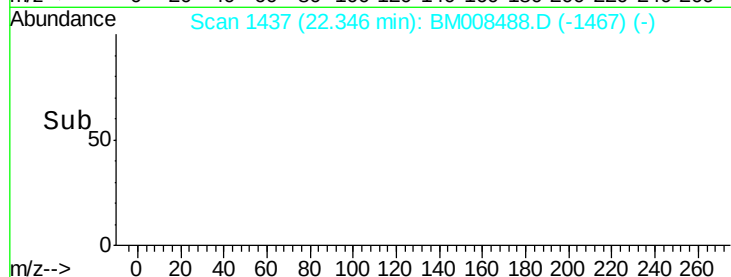
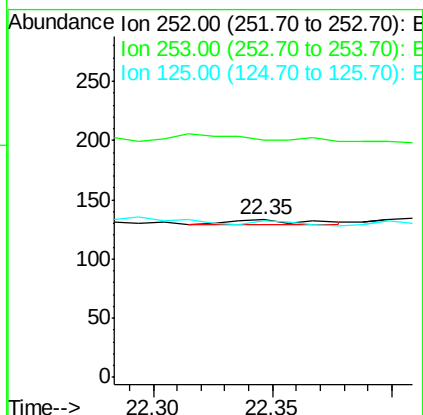
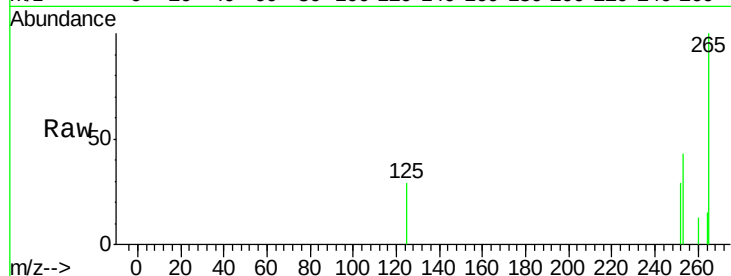
Instrument :

BNA_M

ClientSampleId :

DA8S7

Tgt Ion:	252	Resp:	9
Ion	Ratio	Lower	Upper
252	100		
253	150.4	24.5	36.7#
125	99.2	13.7	20.5#



#23

Benzo(a)pyrene

Concen: 7.60 ng/ul

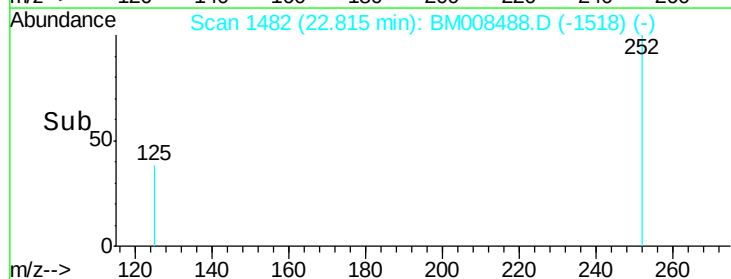
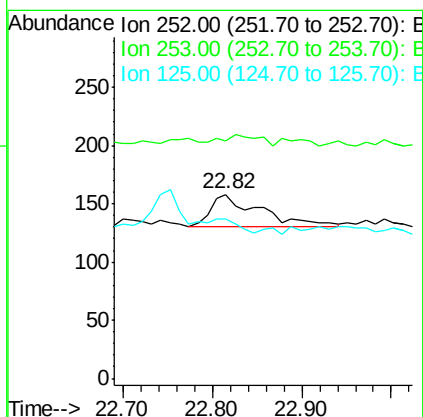
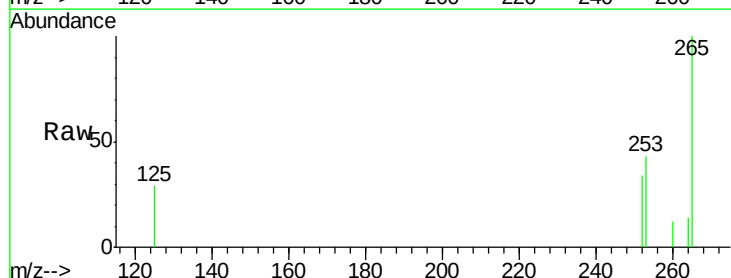
RT: 22.82 min Scan# 1482

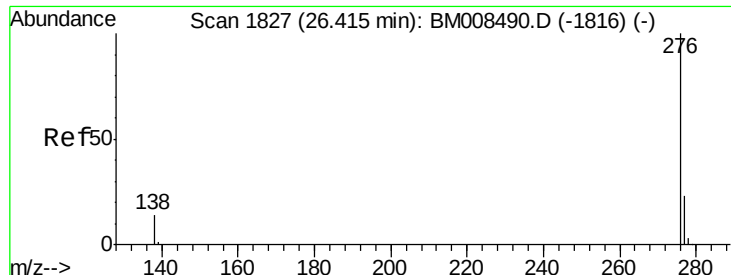
Delta R.T. -0.58 min

Lab File: BM008488.D

Acq: 20 Dec 2016 20:30

Tgt Ion:	252	Resp:	111
Ion	Ratio	Lower	Upper
252	100		
253	129.1	28.5	42.7#
125	86.7	18.1	27.1#





#26

Benzo(g,h,i)perylene

Concen: 0.27 ng/ul

RT: 25.85 min Scan# 1773

Delta R.T. -0.57 min

Lab File: BM008488.D

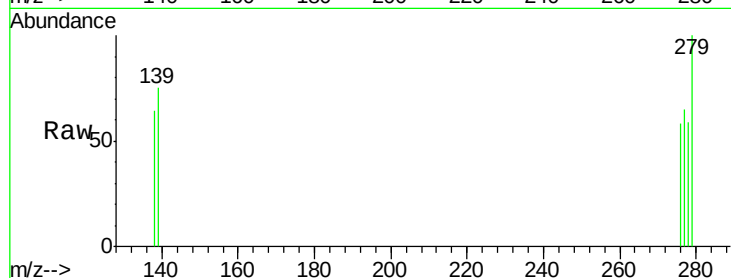
Acq: 20 Dec 2016 20:30

Instrument :

BNA_M

ClientSampleId :

DA8S7



Tgt Ion:	276	Resp:	4
Ion	Ratio	Lower	Upper
276	100		
277	111.9	21.8	32.8#
138	110.2	20.5	30.7#

