

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
 Data File : BM008454.D
 Acq On : 19 Dec 2016 22:49
 Operator : UM/SJ
 Sample : H5970-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA844

Quant Time: Dec 20 03:44:50 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 03:40:00 2016
 Response via : Initial Calibration

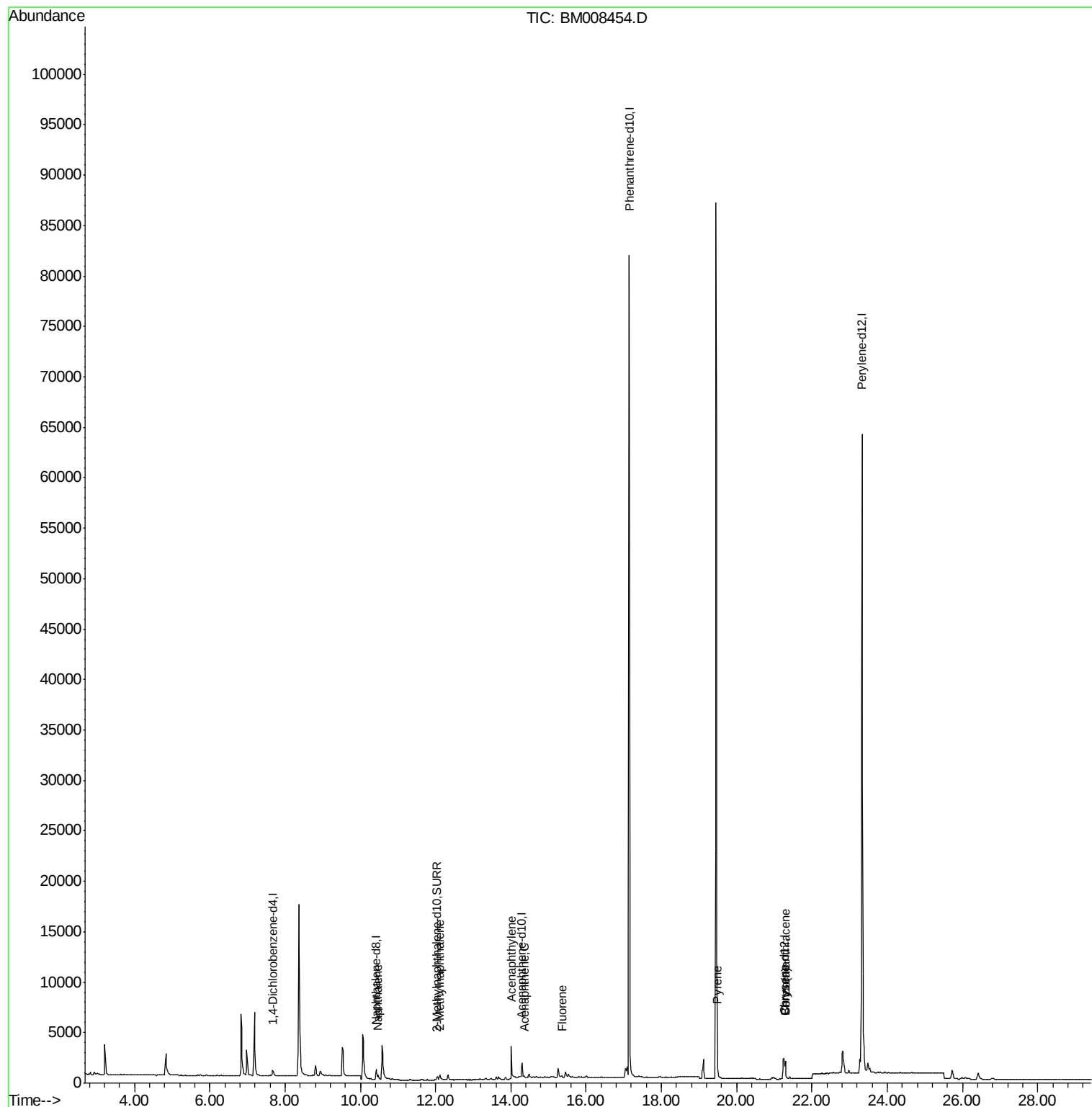
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	418	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.43	136	1460	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	889	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	104526	0.40	ng/ul	0.05
16) Chrysene-d12	21.26	240	1543	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	71288	0.40	ng/ul	-0.19
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	606	0.27	ng/ul	-0.06
14) Fluoranthene-d10	19.10	212	1236	0.00	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	652	0.16	ng/ul#	79
5) 2-Methylnaphthalene	12.11	142	481	0.17	ng/ul	100
7) Acenaphthylene	14.01	152	155	0.04	ng/ul#	32
8) Acenaphthene	14.35	153	102	0.03	ng/ul#	82
9) Fluorene	15.36	166	122	0.04	ng/ul#	75
17) Pyrene	19.48	202	2265	0.38	ng/ul	95
18) Benzo(a)anthracene	21.29	228	1971	0.39	ng/ul	92
19) Chrysene	21.29	228	1967	0.35	ng/ul	93

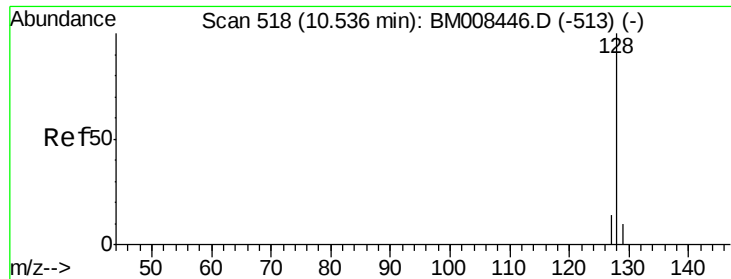
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.16 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008454.D

Acq: 19 Dec 2016 22:49

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BNA_M

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DA844

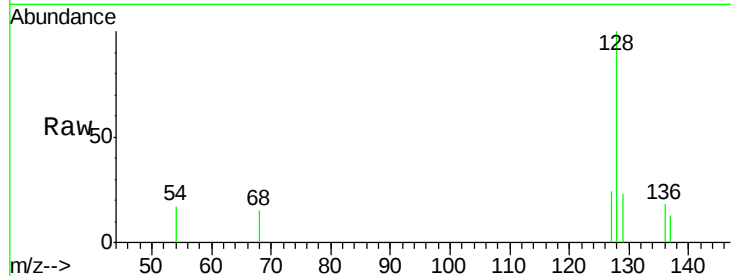
Tgt Ion:128 Resp: 652

Ion Ratio Lower Upper

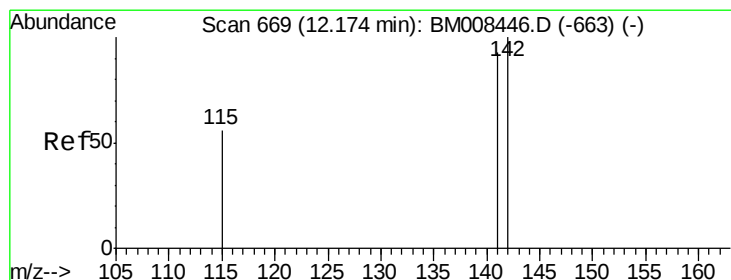
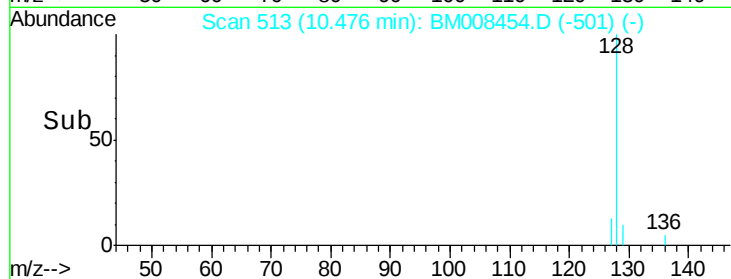
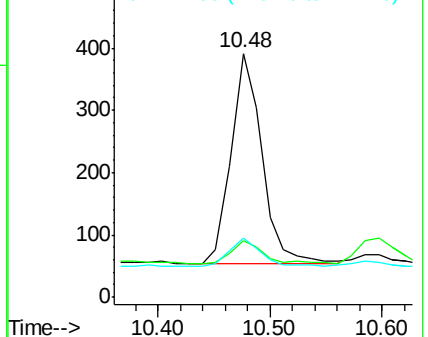
128 100

129 23.0 11.3 16.9#

127 24.3 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: 0.17 ng/ul

RT: 12.11 min Scan# 663

Delta R.T. -0.06 min

Lab File: BM008454.D

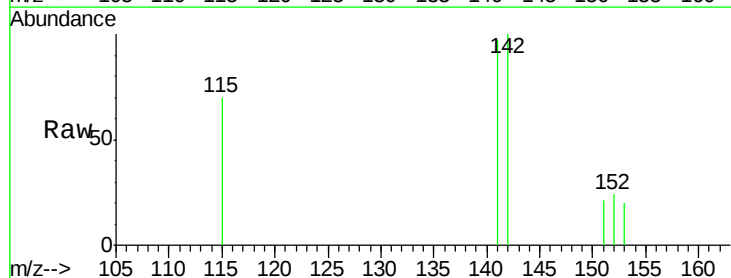
Acq: 19 Dec 2016 22:49

Tgt Ion:142 Resp: 481

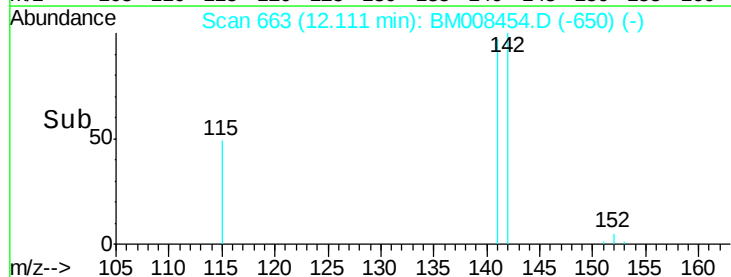
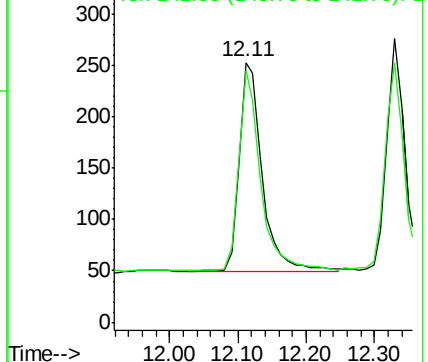
Ion Ratio Lower Upper

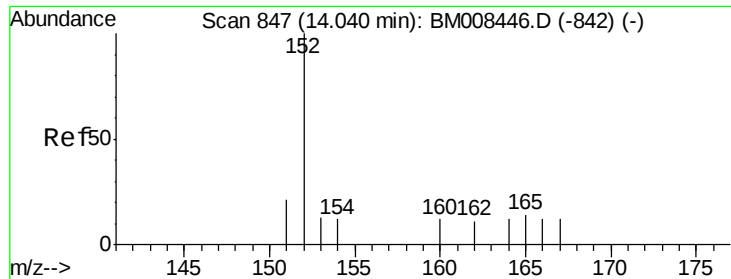
142 100

141 90.4 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: 0.04 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008454.D

Acq: 19 Dec 2016 22:49

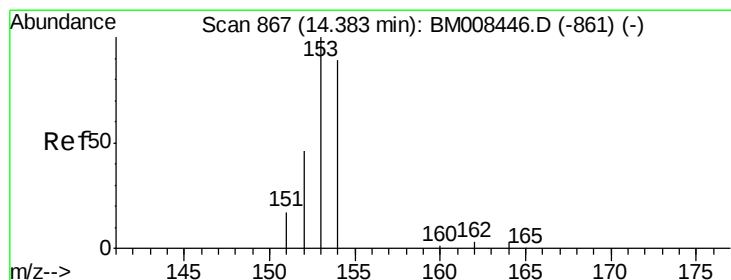
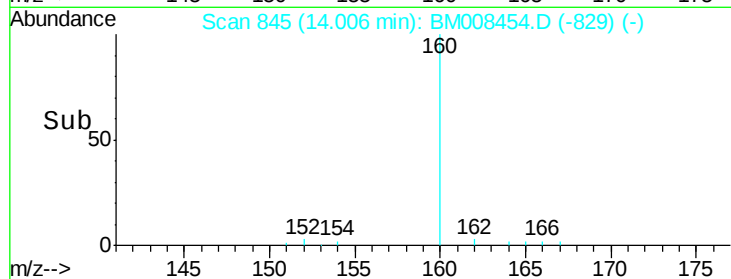
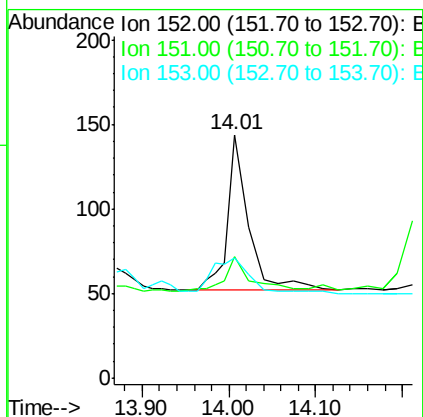
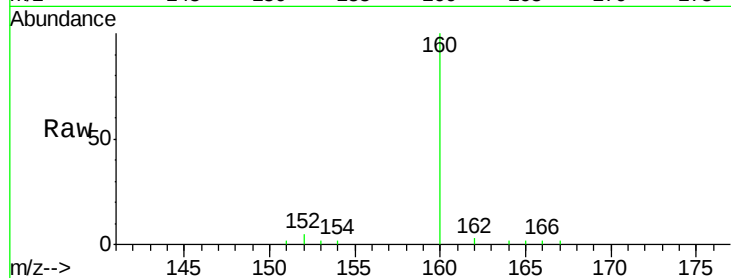
Instrument :

BNA_M

ClientSampleId :

DA844

Tgt Ion:	152	Resp:	155
Ion	Ratio	Lower	Upper
152	100		
151	50.0	17.1	25.7#
153	49.3	12.8	19.2#



#8

Acenaphthene

Concen: 0.03 ng/ul

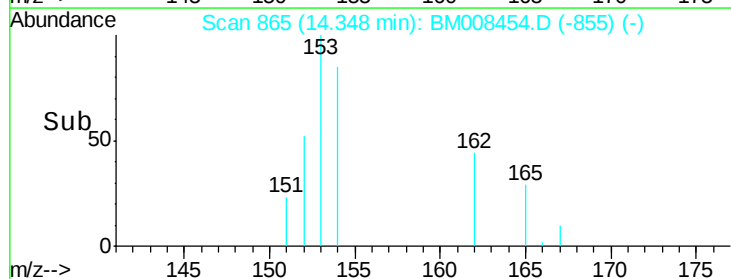
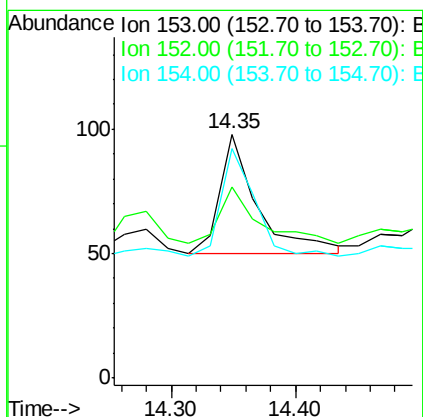
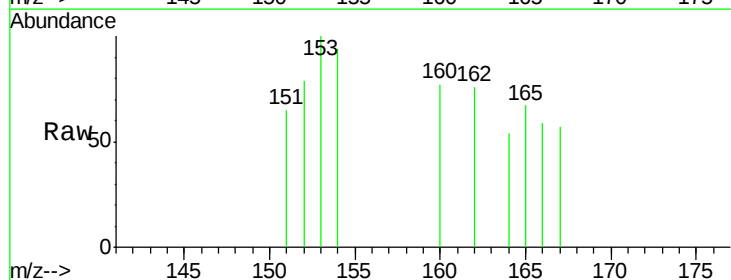
RT: 14.35 min Scan# 865

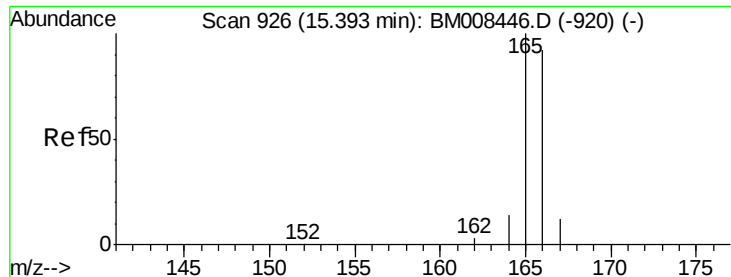
Delta R.T. -0.03 min

Lab File: BM008454.D

Acq: 19 Dec 2016 22:49

Tgt Ion:	153	Resp:	102
Ion	Ratio	Lower	Upper
153	100		
152	78.6	40.3	60.5#
154	93.9	71.4	107.2





#9

Fluorene

Concen: 0.04 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.03 min

Lab File: BM008454.D

Acq: 19 Dec 2016 22:49

Instrument :

BNA_M

ClientSampleId :

DA844

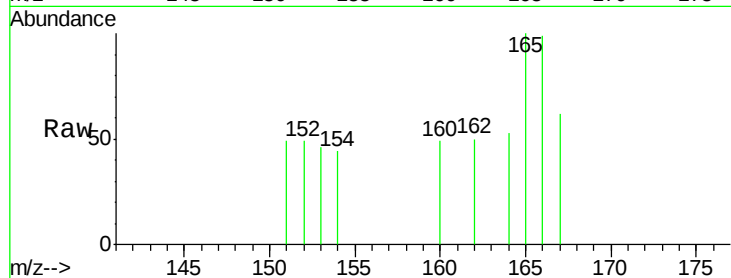
Tgt Ion:166 Resp: 122

Ion Ratio Lower Upper

166 100

165 100.8 73.4 110.2

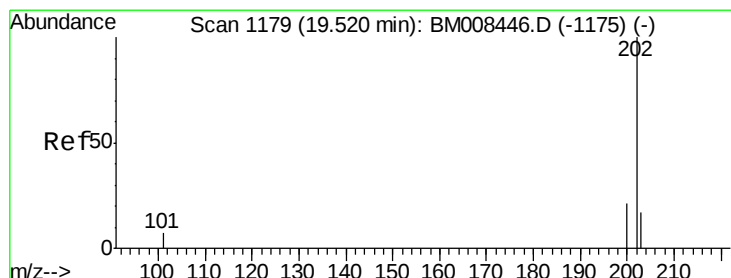
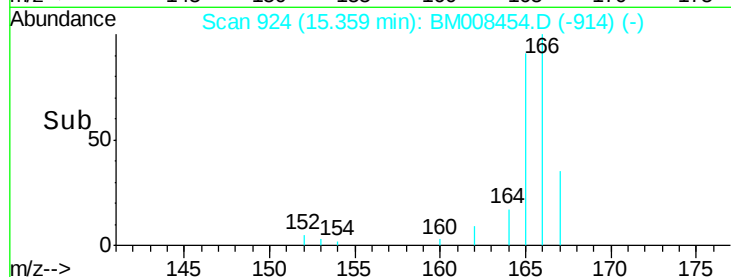
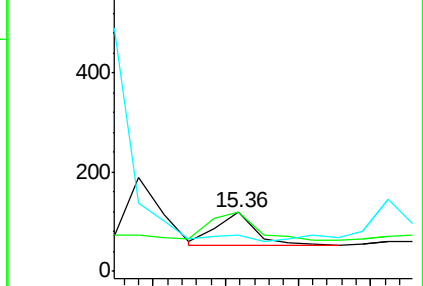
167 62.7 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 0.38 ng/ul

RT: 19.48 min Scan# 1176

Delta R.T. -0.04 min

Lab File: BM008454.D

Acq: 19 Dec 2016 22:49

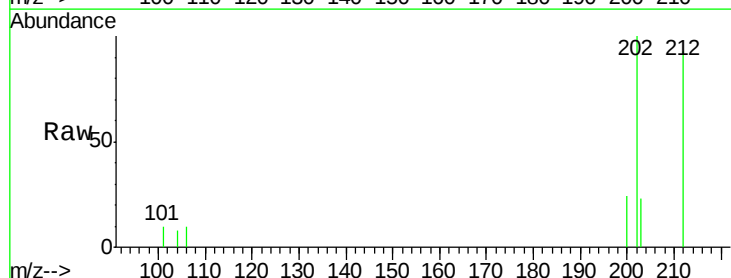
Tgt Ion:202 Resp: 2265

Ion Ratio Lower Upper

202 100

200 23.7 18.2 27.4

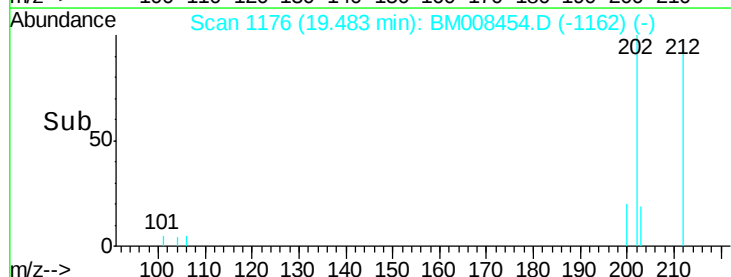
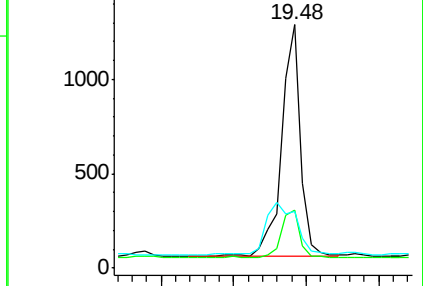
203 23.3 15.6 23.4

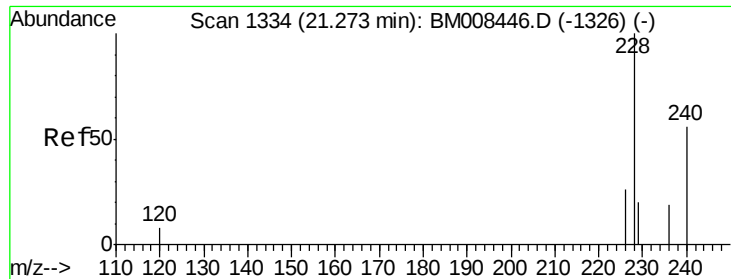


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.39 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. 0.02 min

Lab File: BM008454.D

Acq: 19 Dec 2016 22:49

Instrument :

BNA_M

ClientSampleId :

DA844

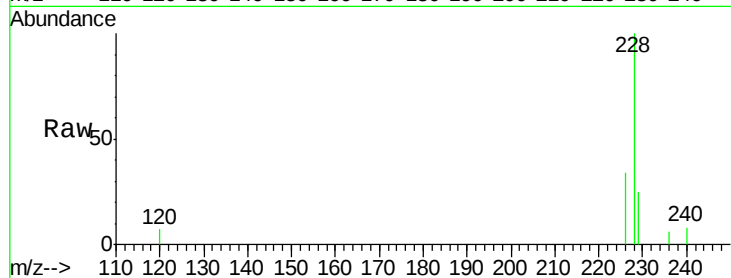
Tgt Ion:228 Resp: 1971

Ion Ratio Lower Upper

228 100

226 33.5 22.8 34.2

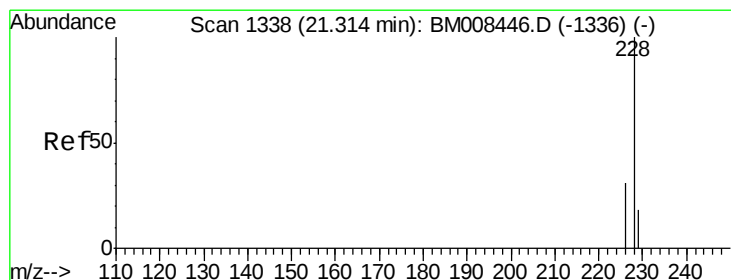
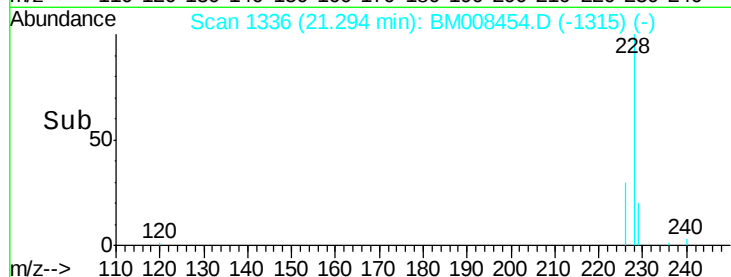
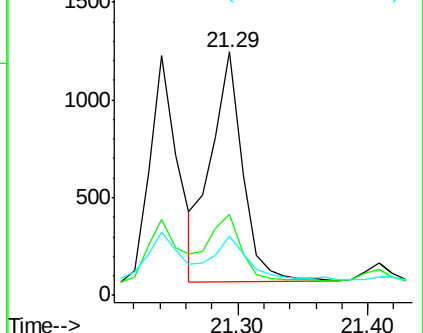
229 24.6 17.0 25.6



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: 0.35 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BM008454.D

Acq: 19 Dec 2016 22:49

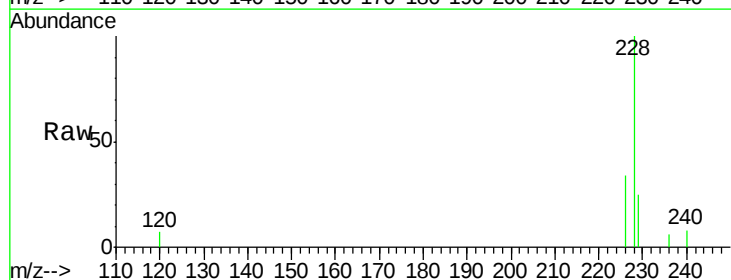
Tgt Ion:228 Resp: 1967

Ion Ratio Lower Upper

228 100

226 33.5 23.4 35.0

229 24.6 17.7 26.5



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

