

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
 Data File : BM008568.D
 Acq On : 22 Dec 2016 22:39
 Operator : UM/SJ
 Sample : H5938-15DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA837DL

Quant Time: Dec 23 04:17:27 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 23 04:12:47 2016
 Response via : Initial Calibration

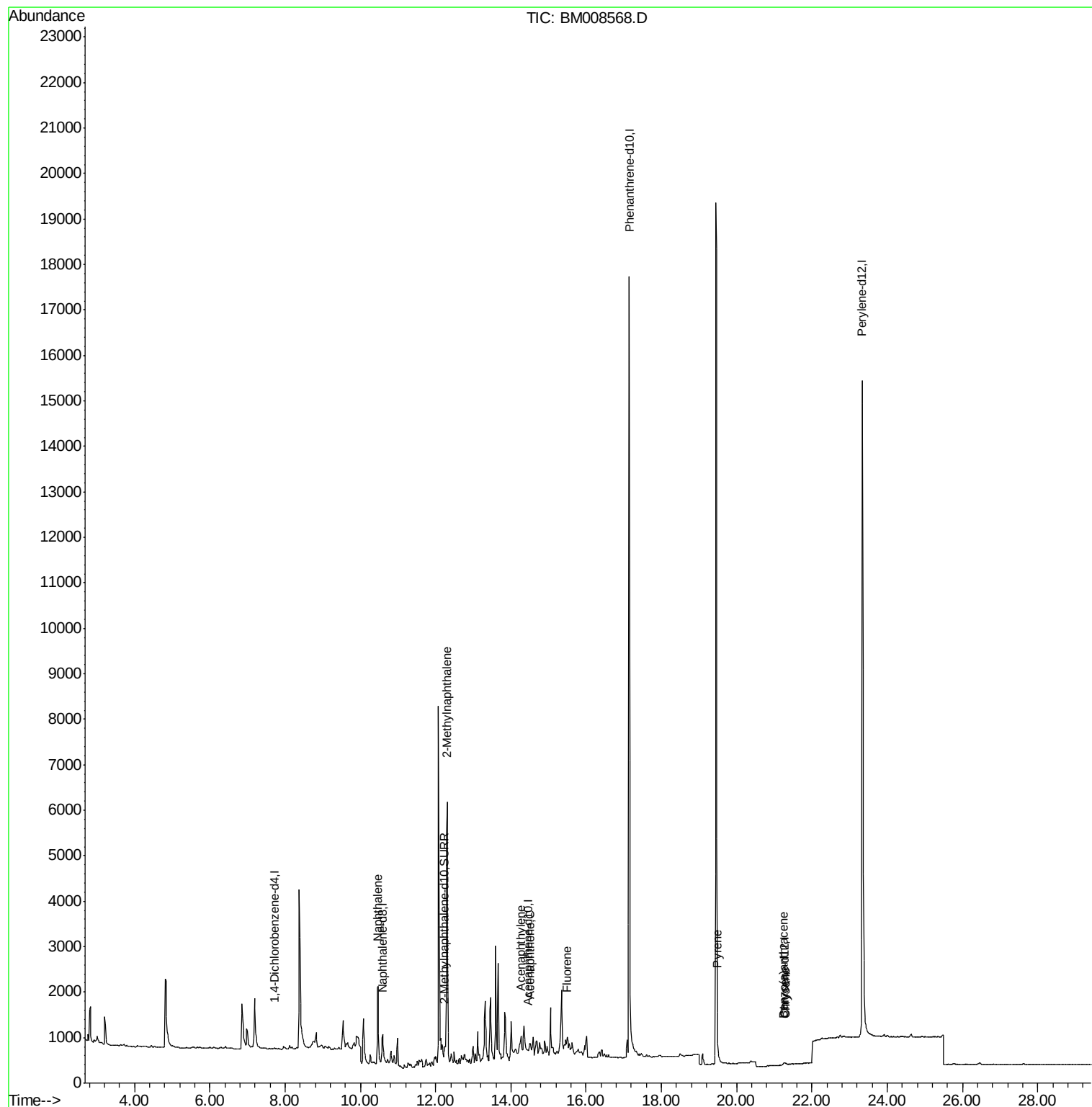
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4	0.40	ng/ul	0.02
2) Naphthalene-d8	10.58	136	577	0.40	ng/ul	0.12
6) Acenaphthene-d10	14.45	164	58	0.40	ng/ul	0.15
10) Phenanthrene-d10	17.14	188	25755	0.40	ng/ul	0.07
16) Chrysene-d12	21.27	240	66	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	23034	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	73	0.08	ng/ul	0.17
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.48	128	2659	1.64	ng/ul	98
5) 2-Methylnaphthalene	12.31	142	4151	3.80	ng/ul	97
7) Acenaphthylene	14.26	152	183	0.70	ng/ul#	1
8) Acenaphthene	14.50	153	228	1.16	ng/ul#	64
9) Fluorene	15.50	166	62	0.28	ng/ul#	1
17) Pyrene	19.48	202	183	0.72	ng/ul#	22
18) Benzo(a)anthracene	21.25	228	44	0.20	ng/ul#	1
19) Chrysene	21.30	228	41	0.17	ng/ul#	1

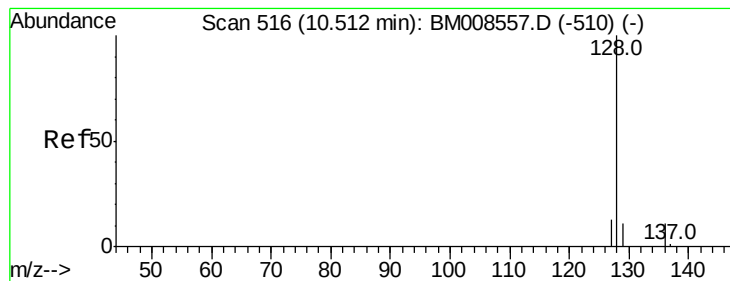
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.64 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.04 min

Lab File: BM008568.D

Acq: 22 Dec 2016 22:39

Instrument :

BNA_M

ClientSampleId :

DA837DL

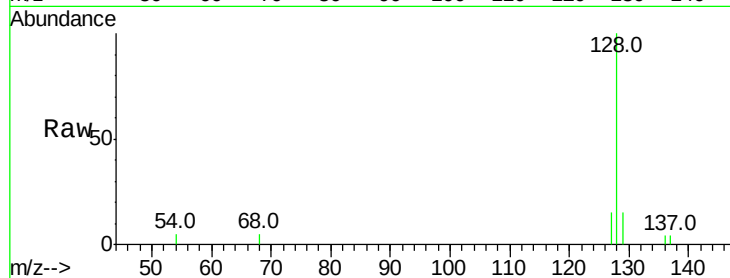
Tot Ion:128 Resp: 2659

Ion Ratio Lower Upper

128 100

129 15.0 11.3 16.9

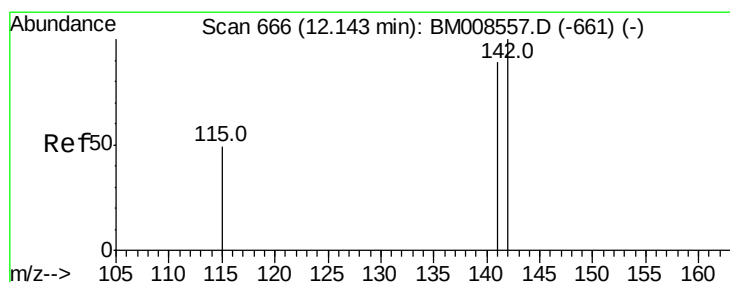
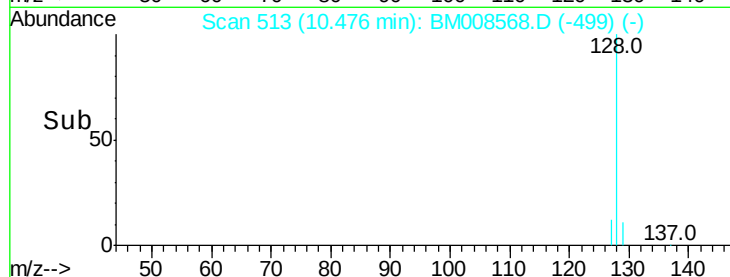
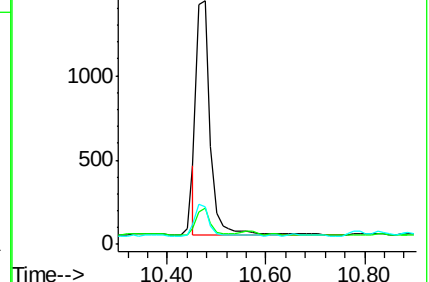
127 15.2 12.8 19.2



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: 3.80 ng/ul

RT: 12.31 min Scan# 682

Delta R.T. 0.17 min

Lab File: BM008568.D

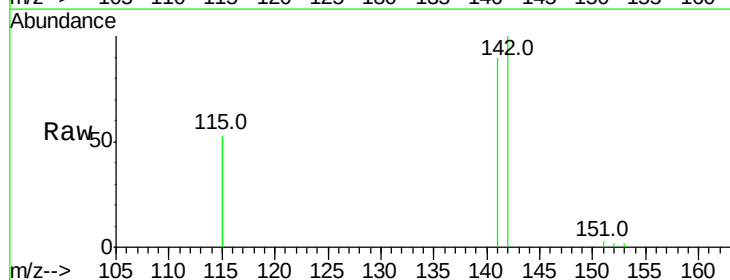
Acq: 22 Dec 2016 22:39

Tgt Ion:142 Resp: 4151

Ion Ratio Lower Upper

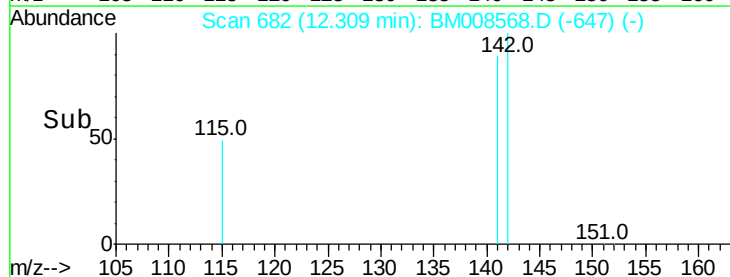
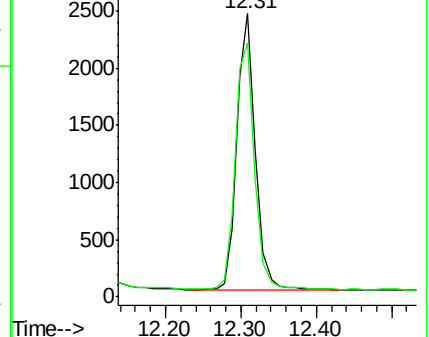
142 100

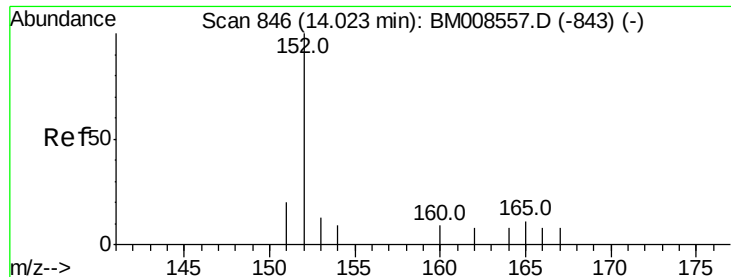
141 93.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.70 ng/ul

RT: 14.26 min Scan# 860

Delta R.T. 0.24 min

Lab File: BM008568.D

Acq: 22 Dec 2016 22:39

Instrument :

BNA_M

ClientSampleId :

DA837DL

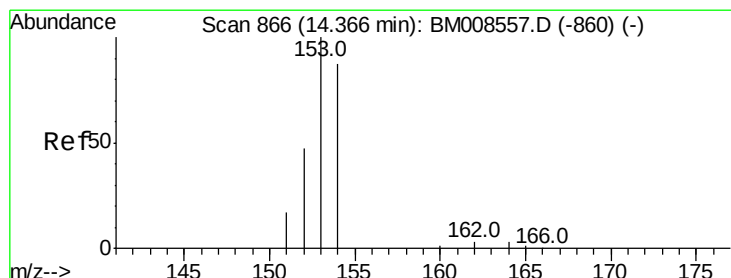
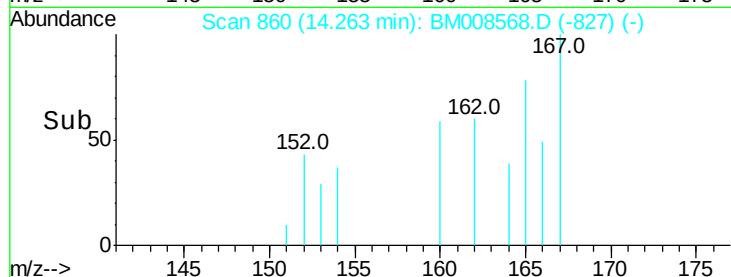
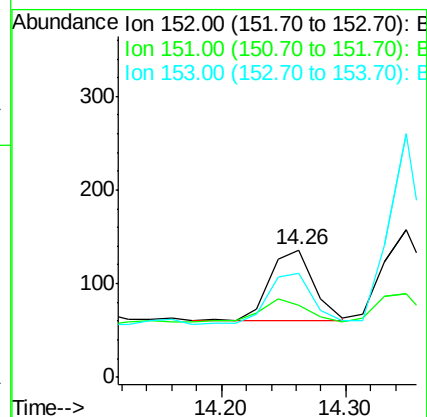
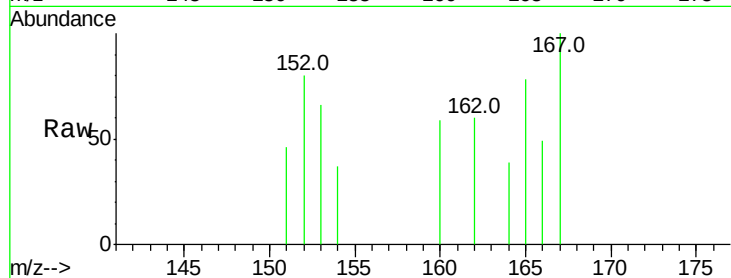
Tot Ion:152 Resp: 183

Ion Ratio Lower Upper

152 100

151 56.6 17.1 25.7#

153 81.6 12.8 19.2#



#8

Acenaphthene

Concen: 1.16 ng/ul

RT: 14.50 min Scan# 874

Delta R.T. 0.14 min

Lab File: BM008568.D

Acq: 22 Dec 2016 22:39

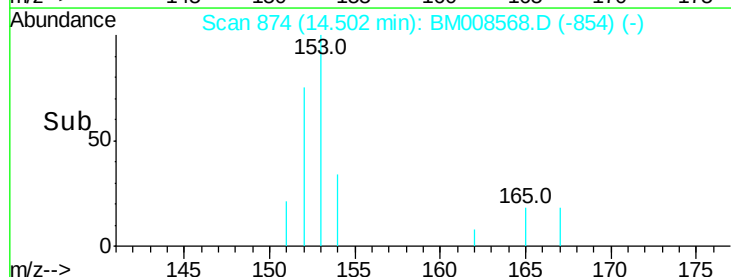
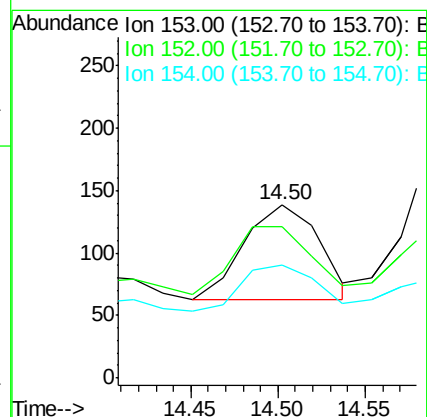
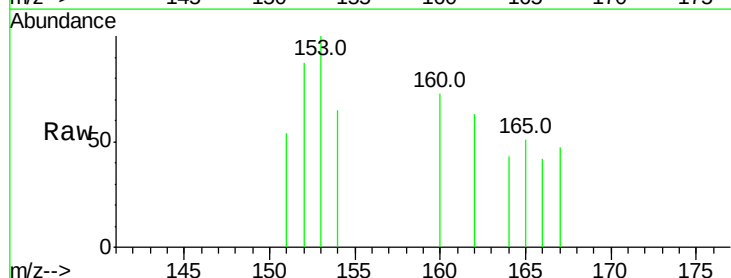
Tgt Ion:153 Resp: 228

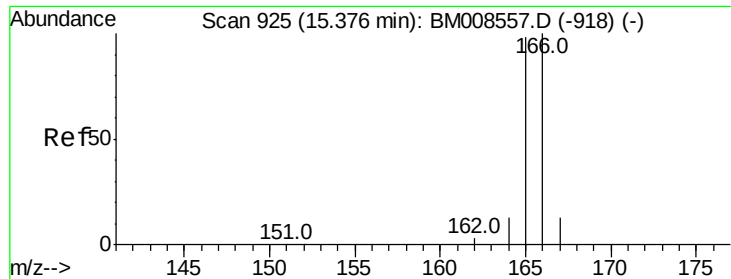
Ion Ratio Lower Upper

153 100

152 87.1 40.3 60.5#

154 64.7 71.4 107.2#

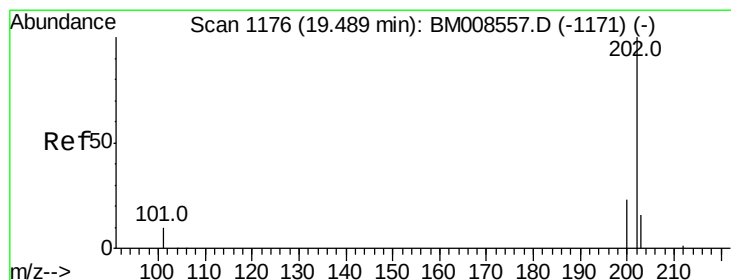
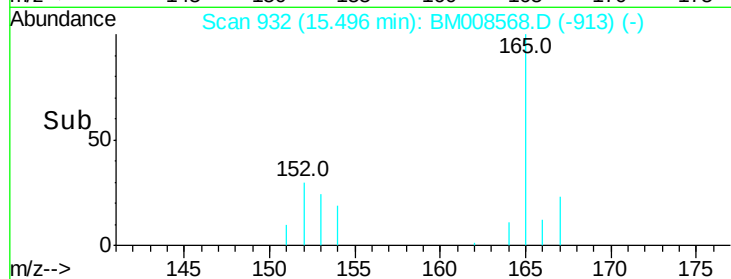
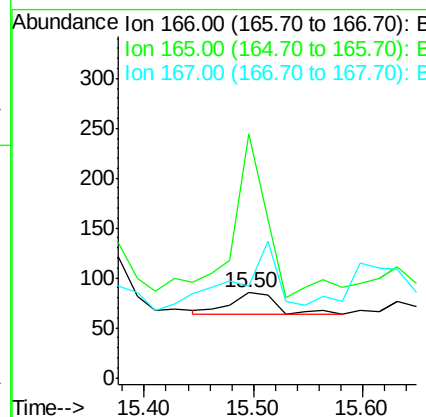
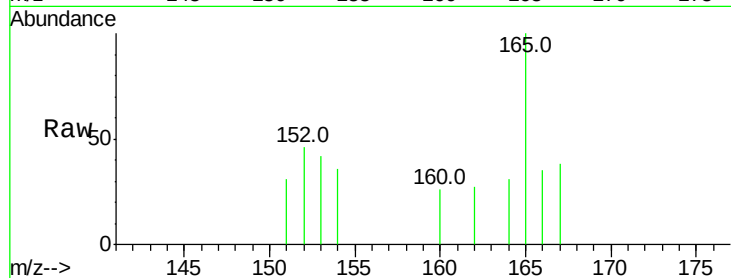




#9
Fluorene
Concen: 0.28 ng/ul
RT: 15.50 min Scan# 932
Delta R.T. 0.12 min
Lab File: BM008568.D
Acq: 22 Dec 2016 22:39

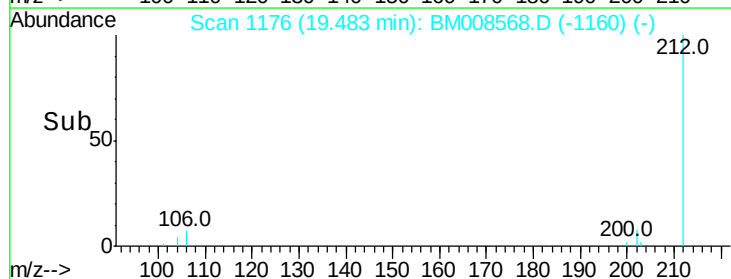
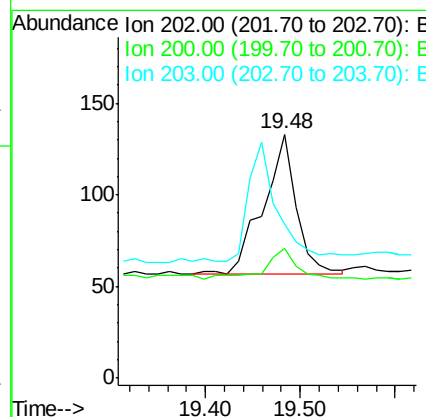
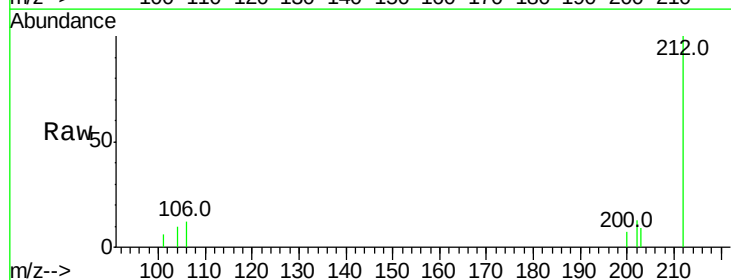
Instrument :
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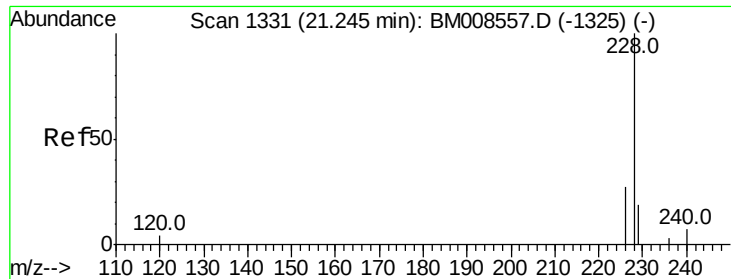
Tot Ion:166 Resp: 62
Ion Ratio Lower Upper
166 100
165 287.1 73.4 110.2#
167 108.2 14.6 22.0#



#17
Pyrene
Concen: 0.72 ng/ul
RT: 19.48 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BM008568.D
Acq: 22 Dec 2016 22:39

Tgt Ion:202 Resp: 183
Ion Ratio Lower Upper
202 100
200 53.4 18.2 27.4#
203 63.2 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.20 ng/ul

RT: 21.25 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BM008568.D

Acq: 22 Dec 2016 22:39

Instrument :

BNA_M

ClientSampleId :

DA837DL

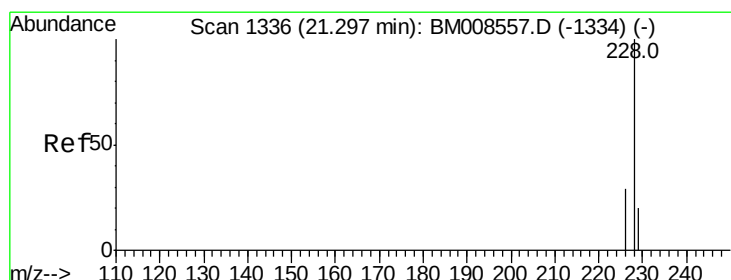
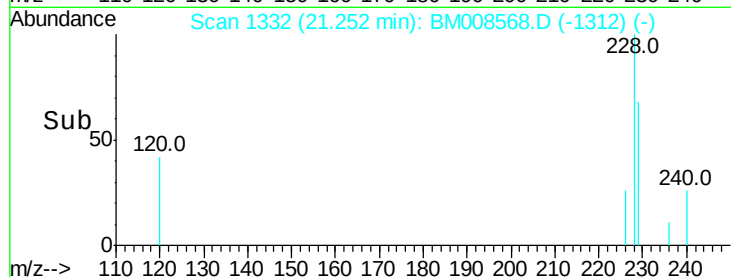
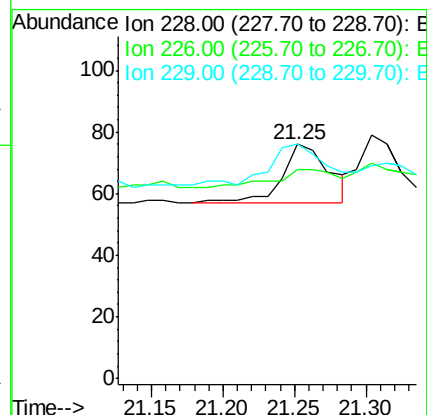
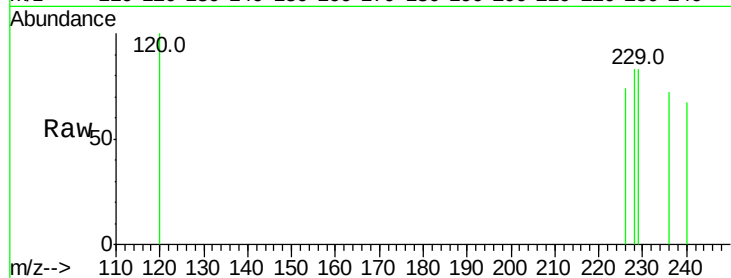
Tot Ion:228 Resp: 44

Ion Ratio Lower Upper

228 100

226 89.5 22.8 34.2#

229 100.0 17.0 25.6#



#19

Chrysene

Concen: 0.17 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BM008568.D

Acq: 22 Dec 2016 22:39

Tgt Ion:228 Resp: 41

Ion Ratio Lower Upper

228 100

226 88.6 23.4 35.0#

229 87.3 17.7 26.5#

