

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
 Data File : BM008450.D
 Acq On : 19 Dec 2016 20:26
 Operator : UM/SJ
 Sample : H5938-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA838

Quant Time: Dec 20 03:44:11 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

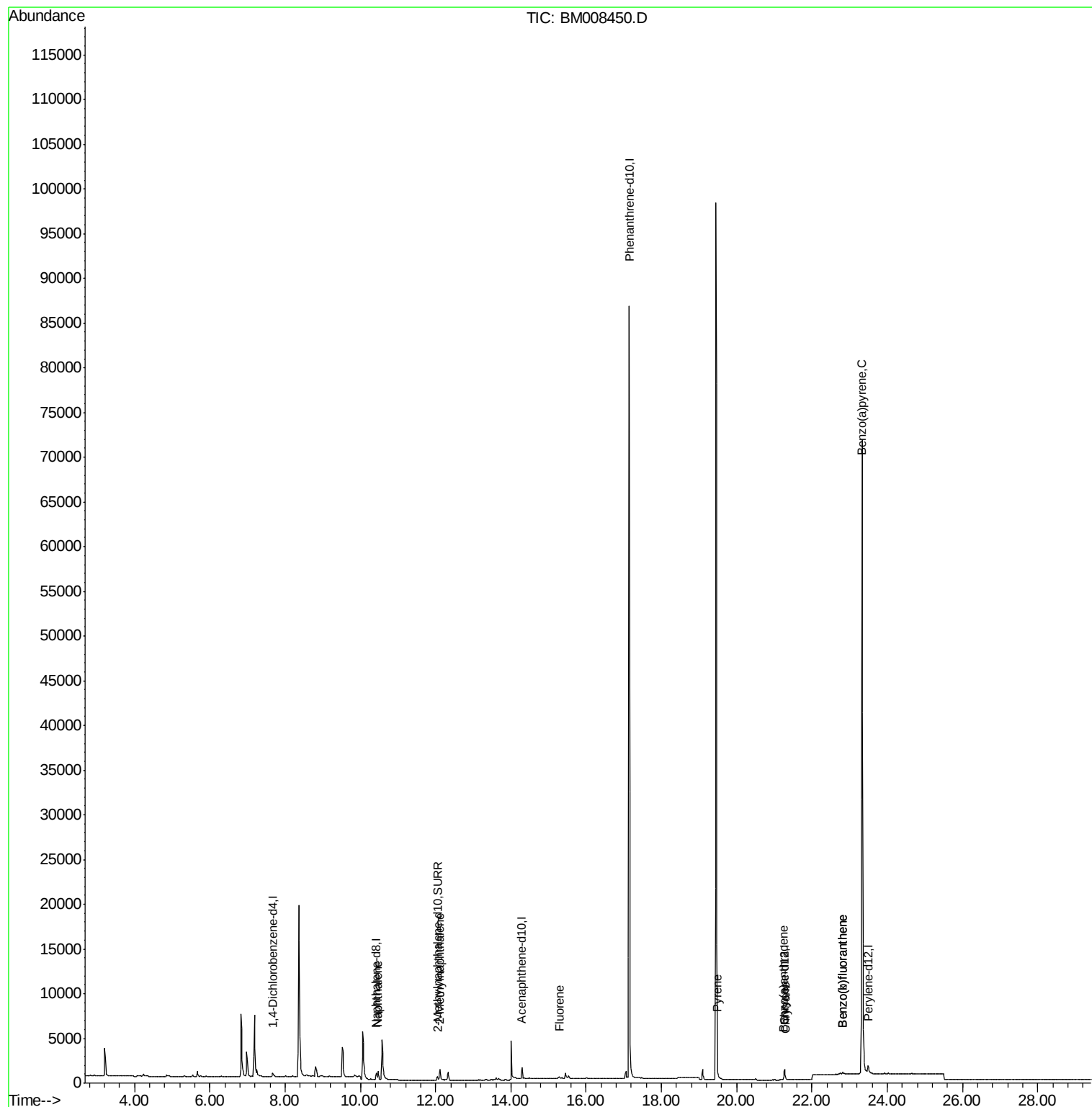
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	341	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.43	136	1193	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	743	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	119327	0.40	ng/ul	0.05
16) Chrysene-d12	21.27	240	1450	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	1719	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	668	0.37	ng/ul	-0.05
14) Fluoranthene-d10	19.10	212	1470	0.00	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	1395	0.42	ng/ul#	93
5) 2-Methylnaphthalene	12.11	142	1121	0.50	ng/ul	99
9) Fluorene	15.29	166	275	0.10	ng/ul#	35
17) Pyrene	19.48	202	511	0.09	ng/ul#	54
18) Benzo(a)anthracene	21.25	228	134	0.03	ng/ul#	28
19) Chrysene	21.30	228	209	0.04	ng/ul#	44
21) Benzo(b)fluoranthene	22.82	252	448	0.07	ng/ul#	10
22) Benzo(k)fluoranthene	22.82	252	448	0.07	ng/ul#	7
23) Benzo(a)pyrene	23.33	252	597	0.10	ng/ul#	26

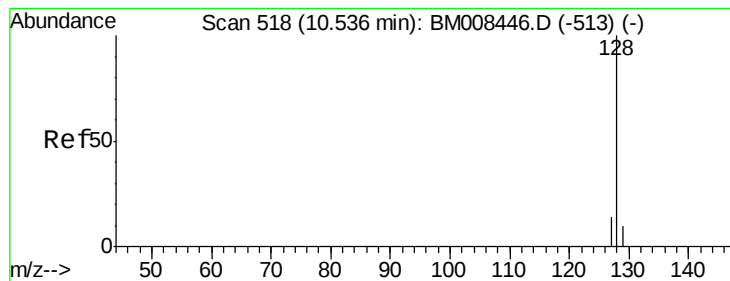
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.42 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008450.D

Acq: 19 Dec 2016 20:26

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DA838

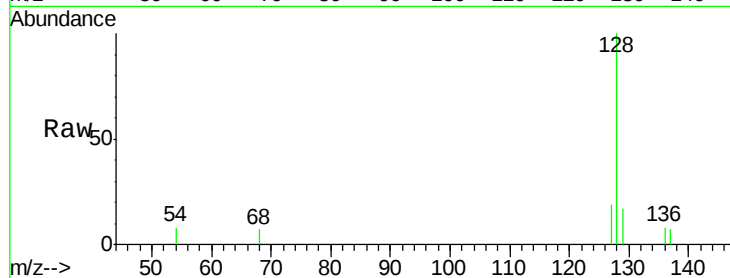
Tgt Ion:128 Resp: 1395

Ion Ratio Lower Upper

128 100

129 17.2 11.3 16.9#

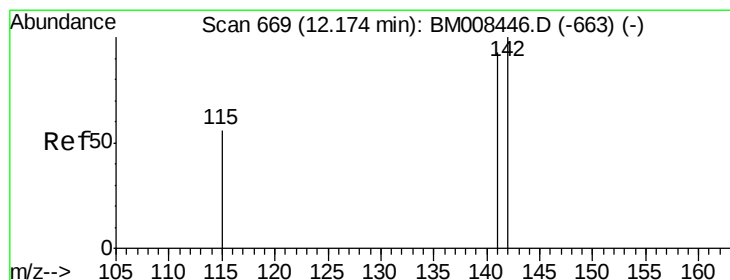
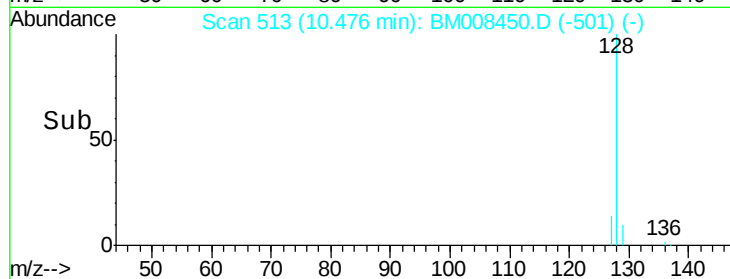
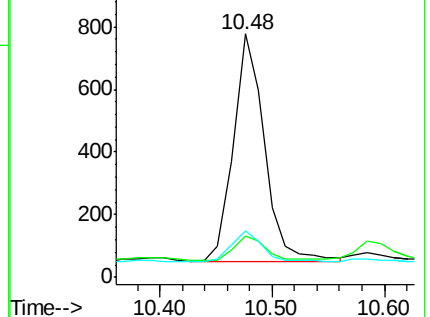
127 19.0 12.8 19.2



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: 0.50 ng/ul

RT: 12.11 min Scan# 663

Delta R.T. -0.06 min

Lab File: BM008450.D

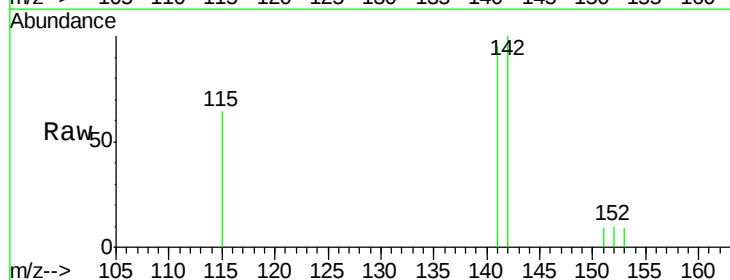
Acq: 19 Dec 2016 20:26

Tgt Ion:142 Resp: 1121

Ion Ratio Lower Upper

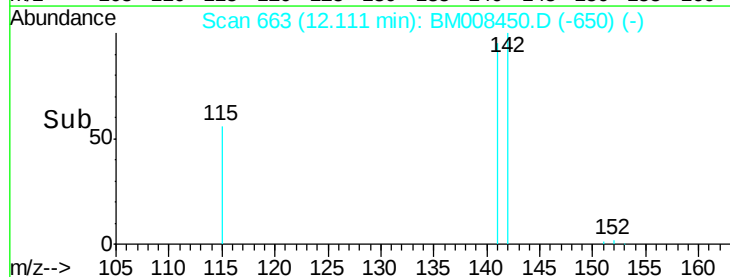
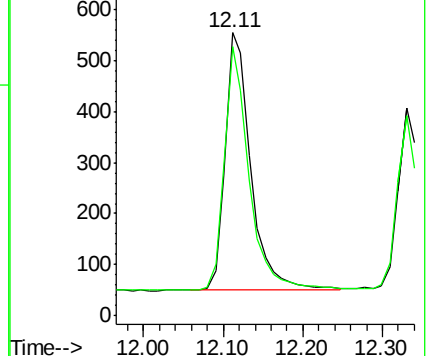
142 100

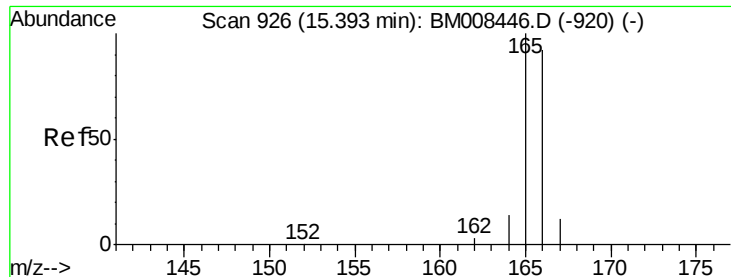
141 91.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

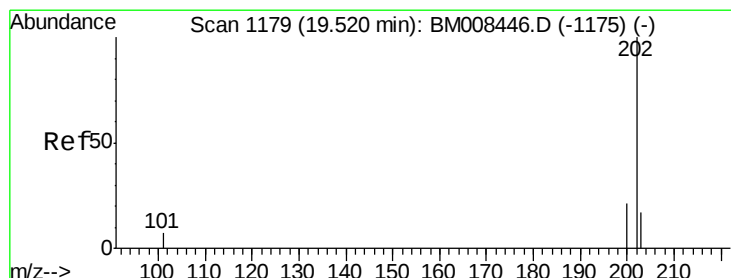
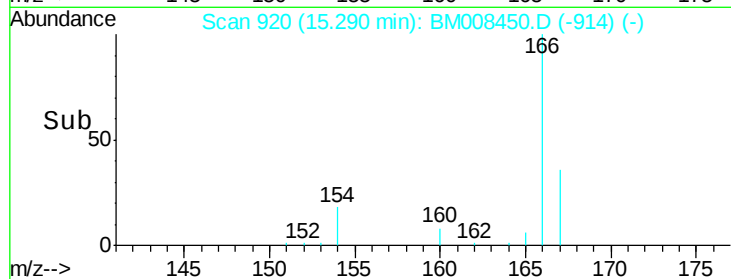
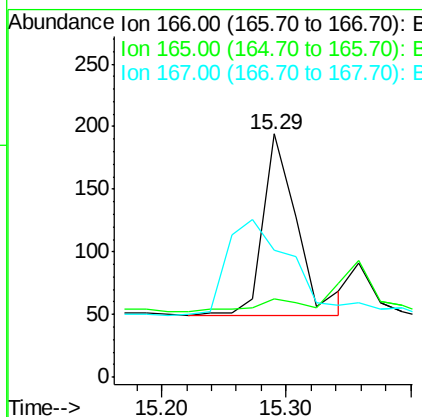
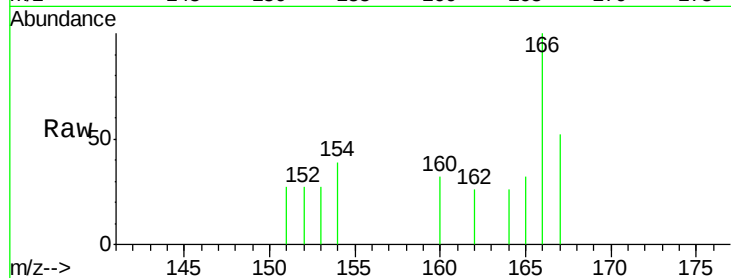




#9
Fluorene
 Concen: 0.10 ng/ul
 RT: 15.29 min Scan# 920
 Delta R.T. -0.10 min
 Lab File: BM008450.D
 Acq: 19 Dec 2016 20:26

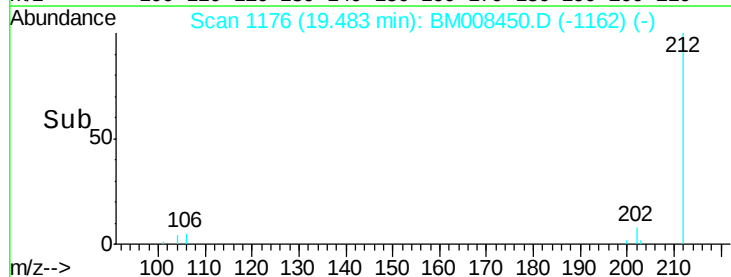
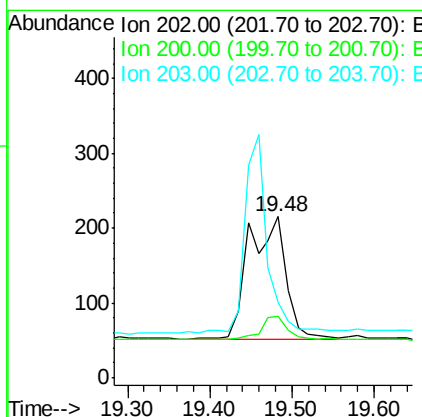
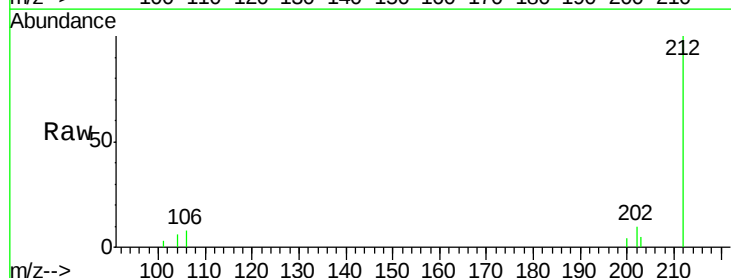
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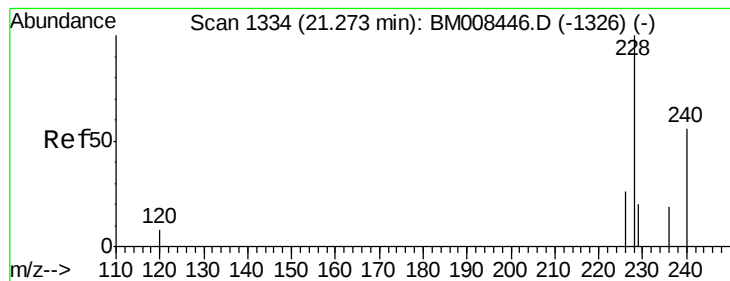
Tgt Ion:166 Resp: 275
 Ion Ratio Lower Upper
 166 100
 165 32.0 73.4 110.2#
 167 52.1 14.6 22.0#



#17
Pyrene
 Concen: 0.09 ng/ul
 RT: 19.48 min Scan# 1176
 Delta R.T. -0.04 min
 Lab File: BM008450.D
 Acq: 19 Dec 2016 20:26

Tgt Ion:202 Resp: 511
 Ion Ratio Lower Upper
 202 100
 200 38.6 18.2 27.4#
 203 47.4 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.25 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BM008450.D

Acq: 19 Dec 2016 20:26

Instrument :

BNA_M

ClientSampleId :

DA838

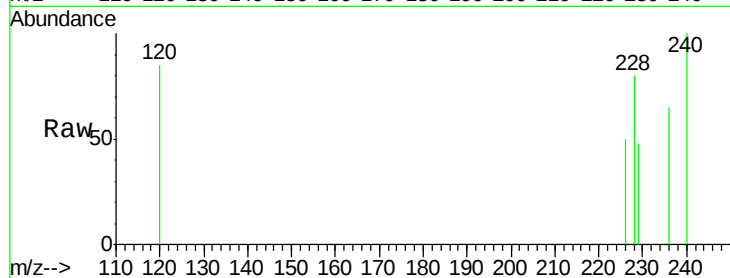
Tgt Ion:228 Resp: 134

Ion Ratio Lower Upper

228 100

226 62.7 22.8 34.2#

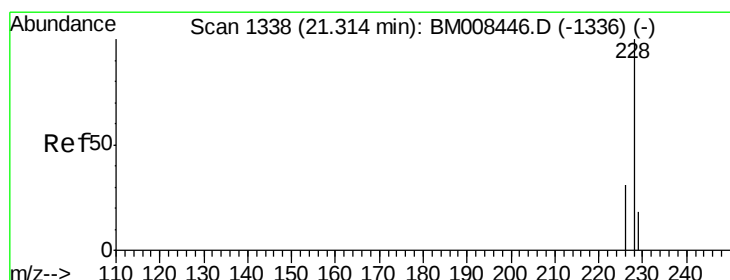
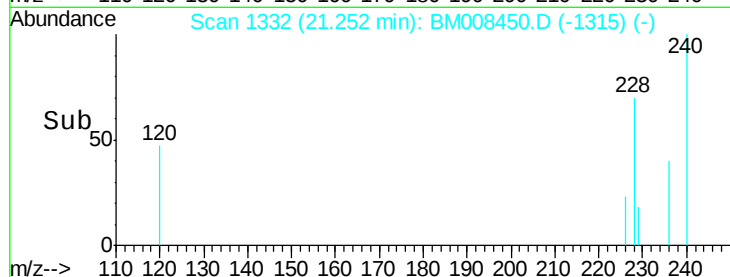
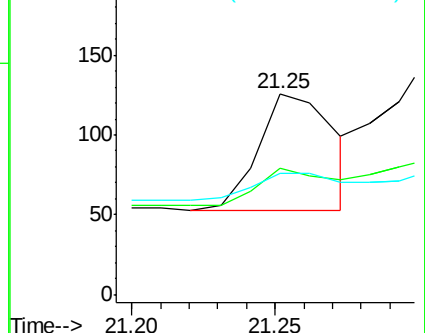
229 60.3 17.0 25.6#



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: 0.04 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM008450.D

Acq: 19 Dec 2016 20:26

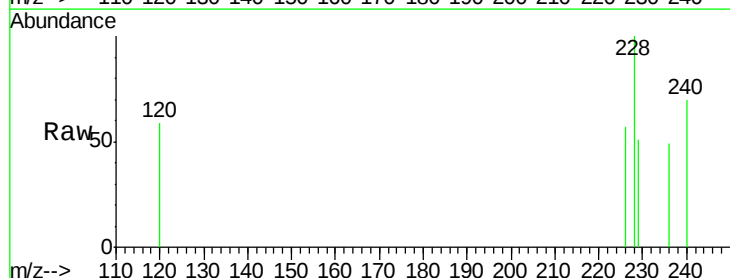
Tgt Ion:228 Resp: 209

Ion Ratio Lower Upper

228 100

226 57.2 23.4 35.0#

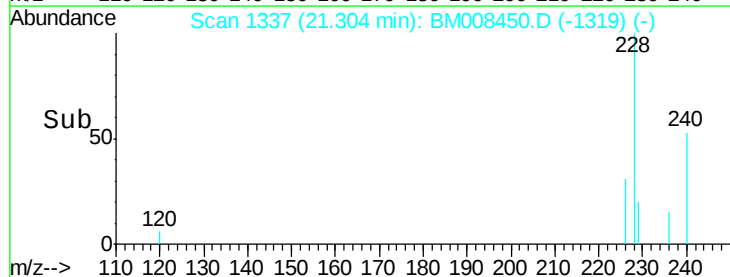
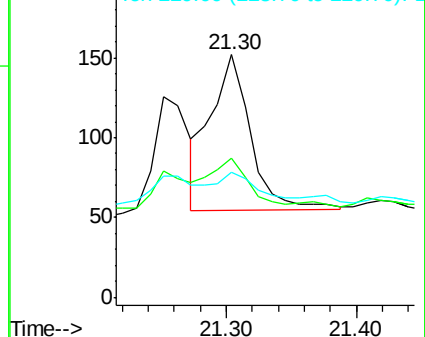
229 51.3 17.7 26.5#

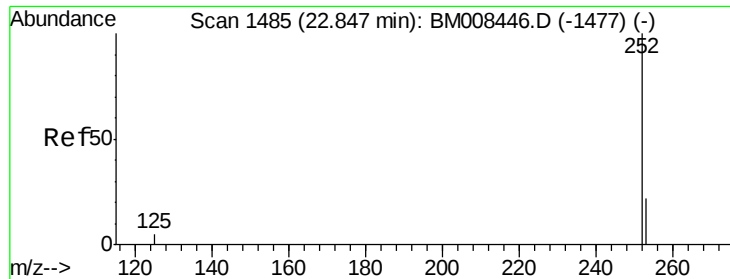


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.07 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.03 min

Lab File: BM008450.D

Acq: 19 Dec 2016 20:26

Instrument :

BNA_M

ClientSampleId :

DA838

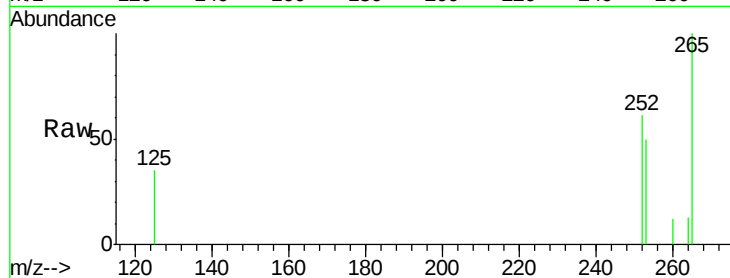
Tgt Ion:252 Resp: 448

Ion Ratio Lower Upper

252 100

253 81.8 0.0 64.2#

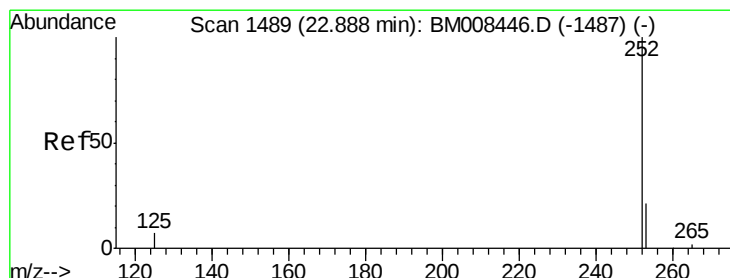
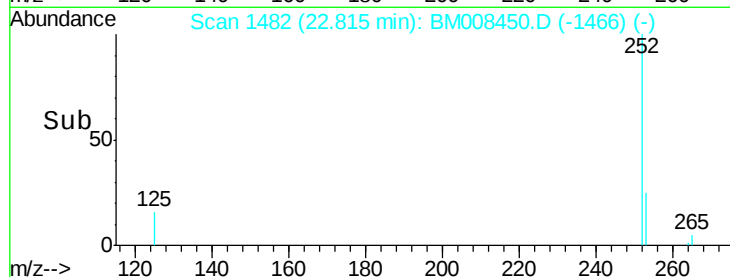
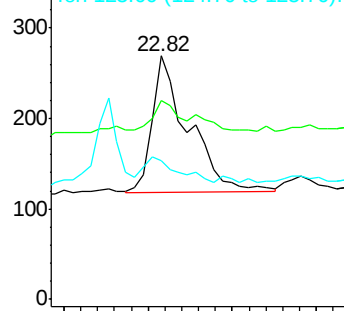
125 57.2 0.0 35.0#



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: 0.07 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.07 min

Lab File: BM008450.D

Acq: 19 Dec 2016 20:26

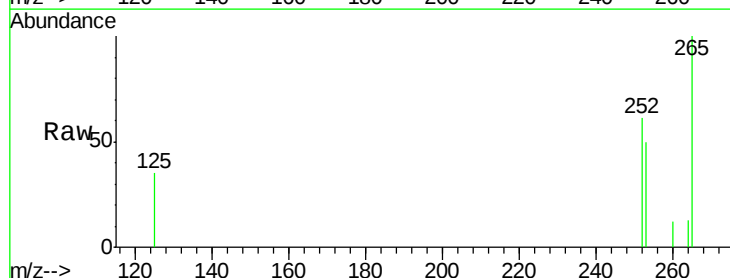
Tgt Ion:252 Resp: 448

Ion Ratio Lower Upper

252 100

253 81.8 24.5 36.7#

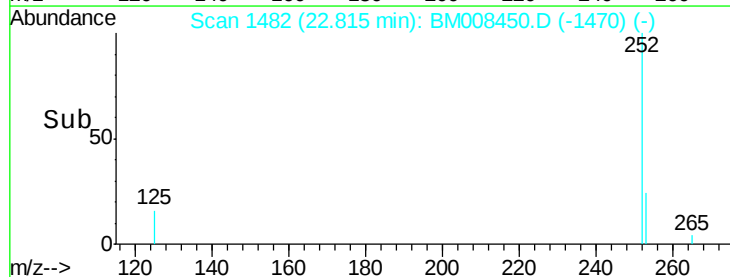
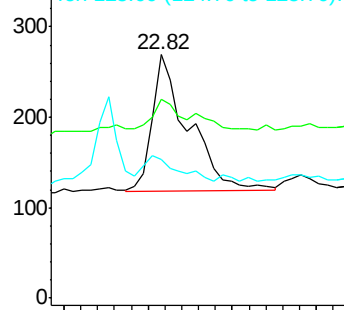
125 57.2 13.7 20.5#

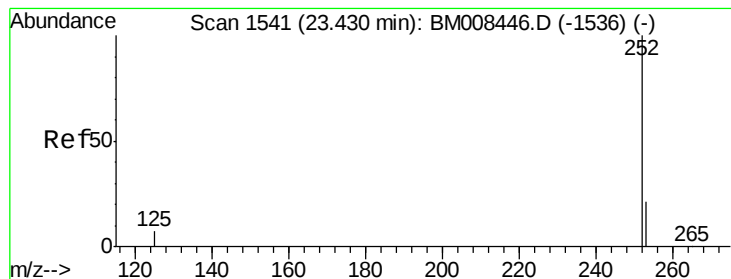


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.10 ng/ul

RT: 23.33 min Scan# 1531

Delta R.T. -0.10 min

Lab File: BM008450.D

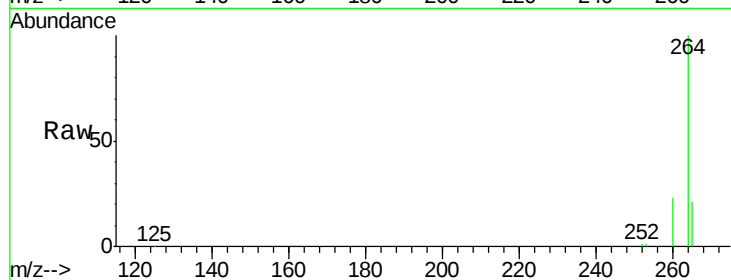
Acq: 19 Dec 2016 20:26

Instrument :

BNA_M

ClientSampleId :

DA838



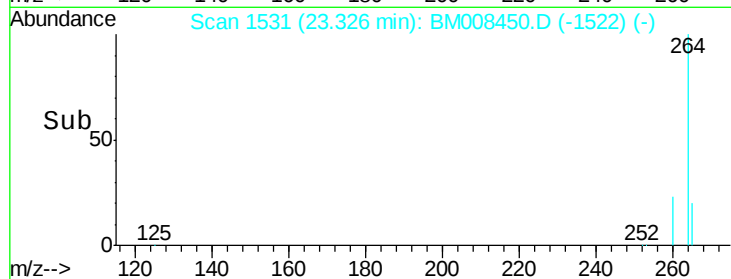
Tgt Ion: 252 Resp: 597

Ion Ratio Lower Upper

252 100

253 75.7 28.5 42.7#

125 62.9 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

