

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008532.D
 Acq On : 22 Dec 2016 00:13
 Operator : UM/SJ
 Sample : H6040-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8W7

Quant Time: Dec 22 01:33:02 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 00:24:45 2016
 Response via : Initial Calibration

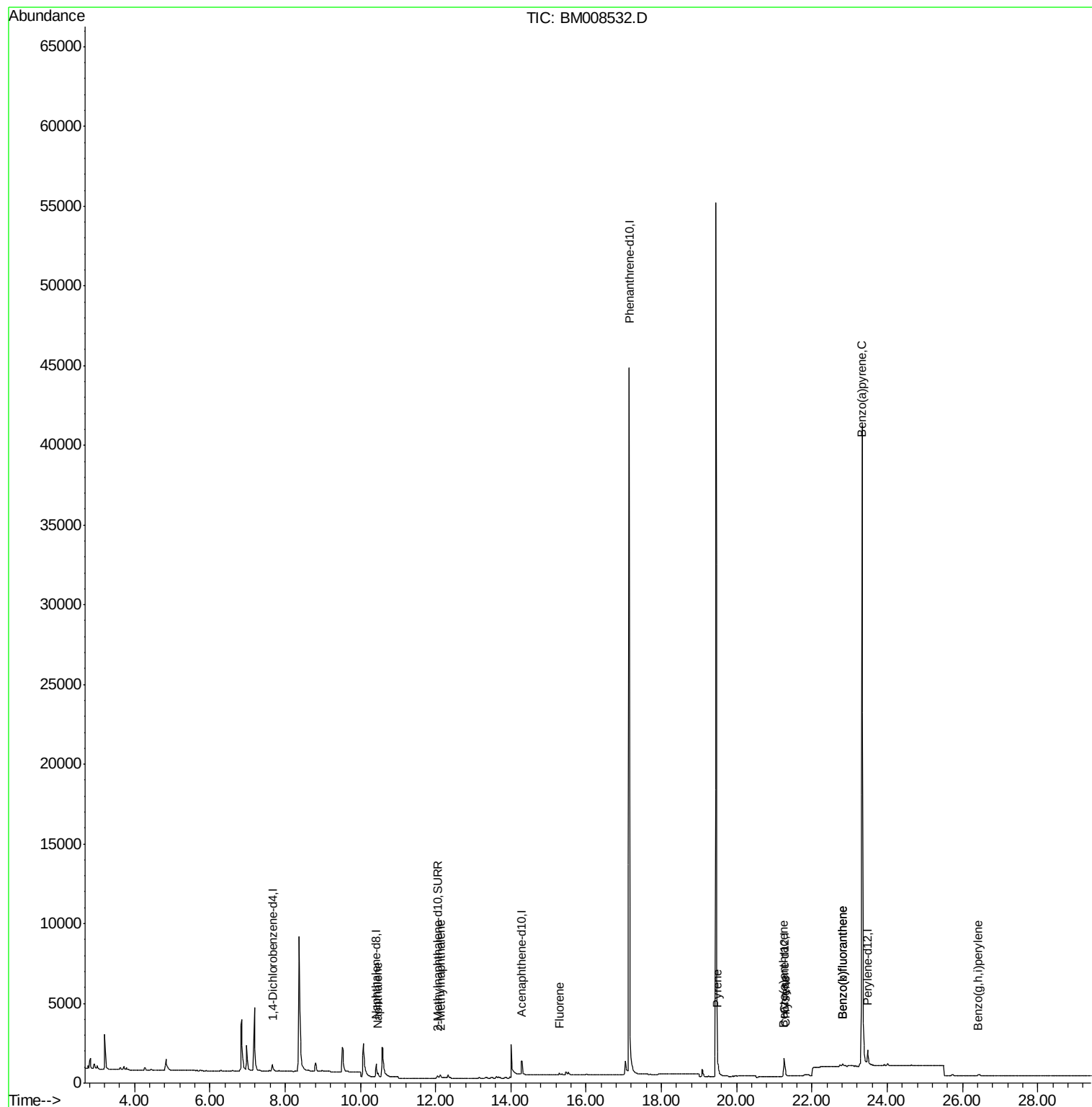
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	372	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.43	136	1212	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.30	164	714	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	61265	0.40	ng/ul	0.05
16) Chrysene-d12	21.26	240	1314	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1557	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	333	0.18	ng/ul	-0.06
14) Fluoranthene-d10	19.08	212	688	0.00	ng/ul	-0.04
Target Compounds						
3) Naphthalene	10.48	128	343	0.10	ng/ul#	59
5) 2-Methylnaphthalene	12.12	142	249	0.11	ng/ul	100
9) Fluorene	15.29	166	172	0.06	ng/ul#	45
17) Pyrene	19.48	202	523	0.10	ng/ul#	67
18) Benzo(a)anthracene	21.24	228	172	0.04	ng/ul#	36
19) Chrysene	21.29	228	317	0.07	ng/ul#	54
21) Benzo(b)fluoranthene	22.82	252	284	0.05	ng/ul#	1
22) Benzo(k)fluoranthene	22.82	252	284	0.05	ng/ul#	1
23) Benzo(a)pyrene	23.33	252	165	0.03	ng/ul#	1
26) Benzo(g,h,i)perylene	26.42	276	149	0.03	ng/ul#	1

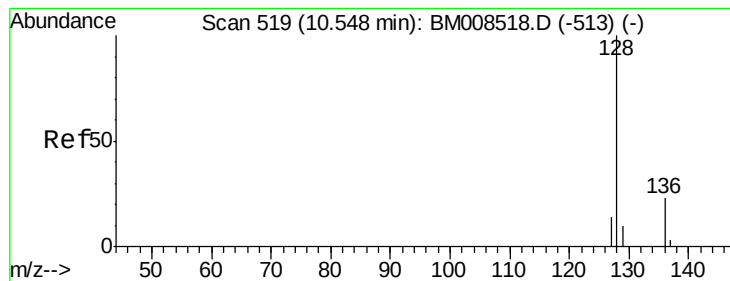
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.10 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.07 min

Lab File: BM008532.D

Acq: 22 Dec 2016 00:13

Instrument :

BNA_M

ClientSampleId :

DA8W7

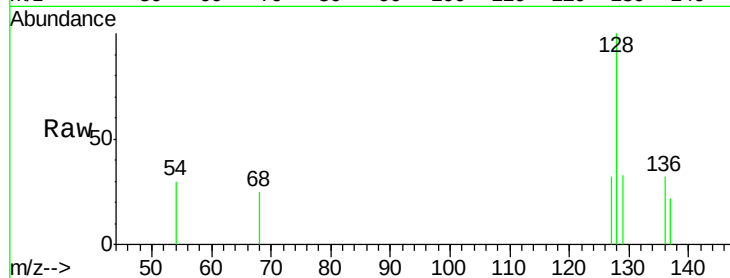
Tgt Ion:128 Resp: 343

Ion Ratio Lower Upper

128 100

129 32.6 11.3 16.9#

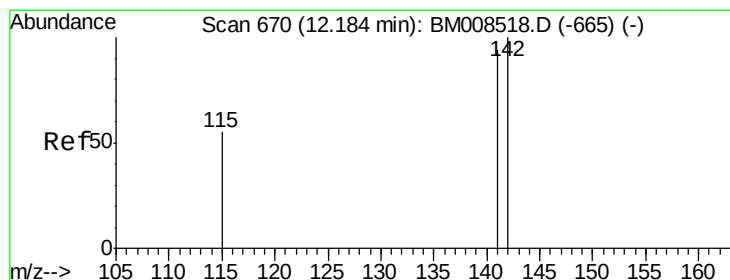
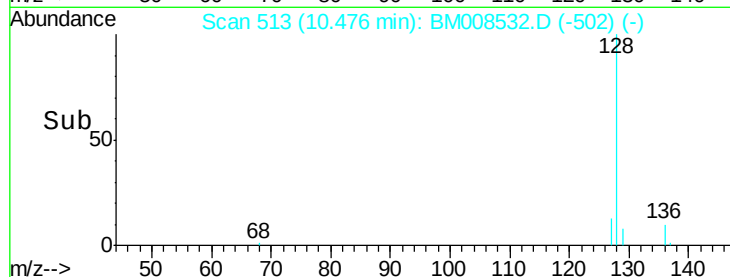
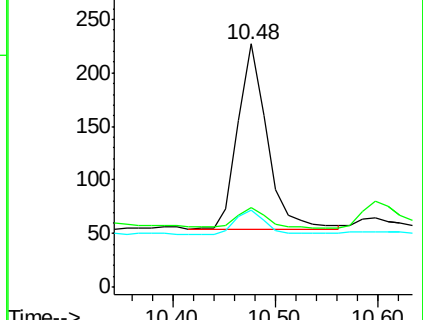
127 31.7 12.8 19.2#



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: 0.11 ng/ul

RT: 12.12 min Scan# 664

Delta R.T. -0.06 min

Lab File: BM008532.D

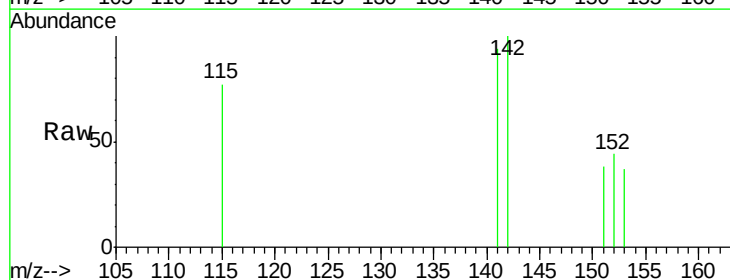
Acq: 22 Dec 2016 00:13

Tgt Ion:142 Resp: 249

Ion Ratio Lower Upper

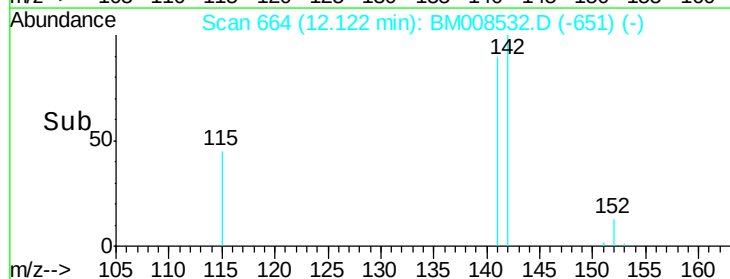
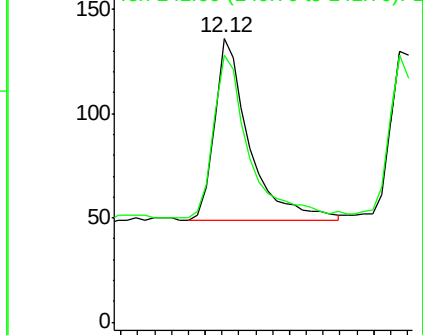
142 100

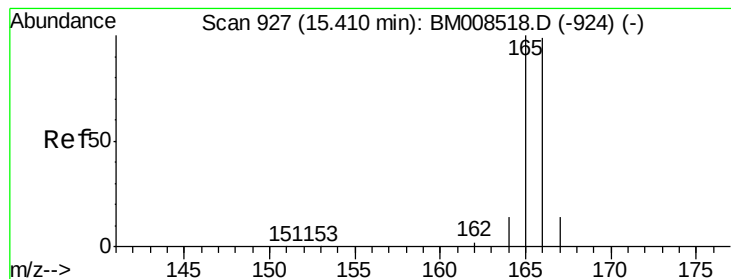
141 90.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.06 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.12 min

Lab File: BM008532.D

Acq: 22 Dec 2016 00:13

Instrument :

BNA_M

ClientSampleId :

DA8W7

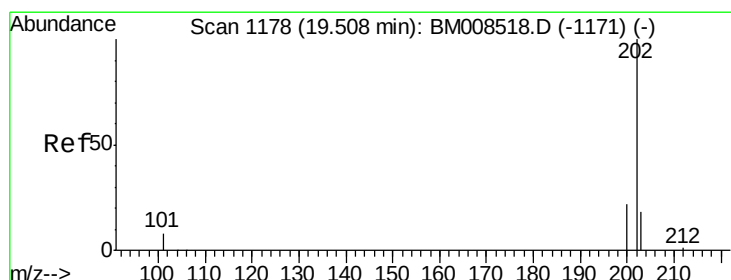
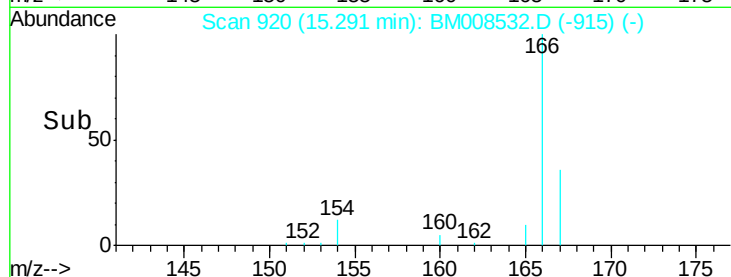
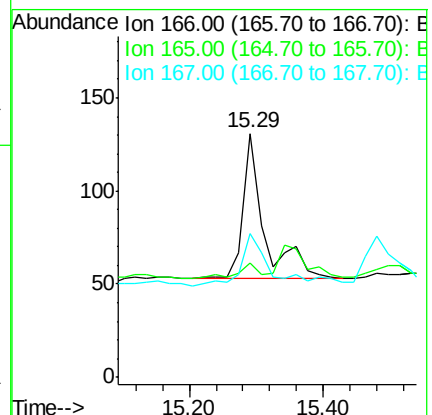
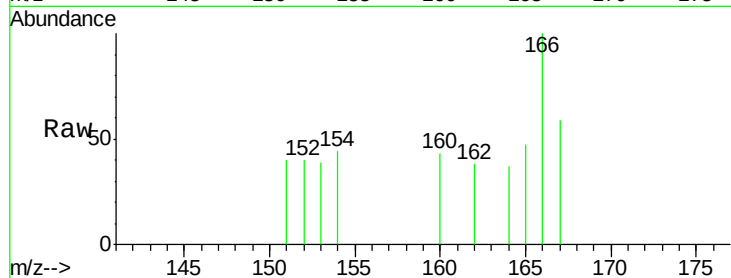
Tgt Ion:166 Resp: 172

Ion Ratio Lower Upper

166 100

165 46.6 73.4 110.2#

167 58.8 14.6 22.0#



#17

Pyrene

Concen: 0.10 ng/ul

RT: 19.48 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BM008532.D

Acq: 22 Dec 2016 00:13

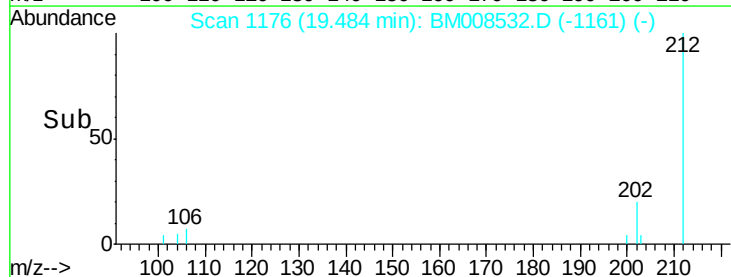
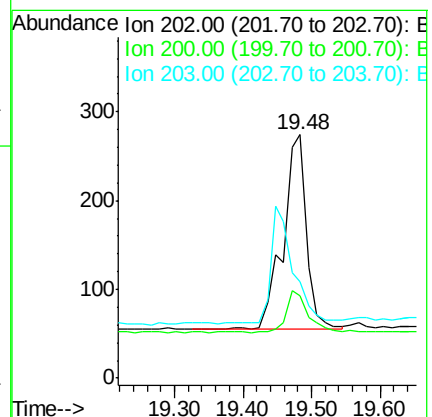
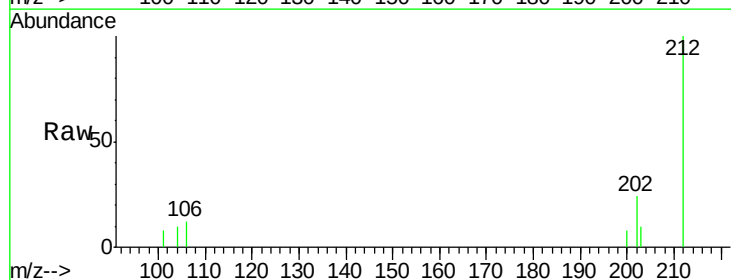
Tgt Ion:202 Resp: 523

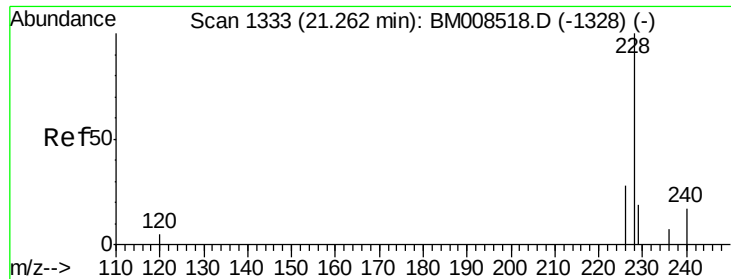
Ion Ratio Lower Upper

202 100

200 33.9 18.2 27.4#

203 39.8 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BM008532.D

Acq: 22 Dec 2016 00:13

Instrument :

BNA_M

ClientSampleId :

DA8W7

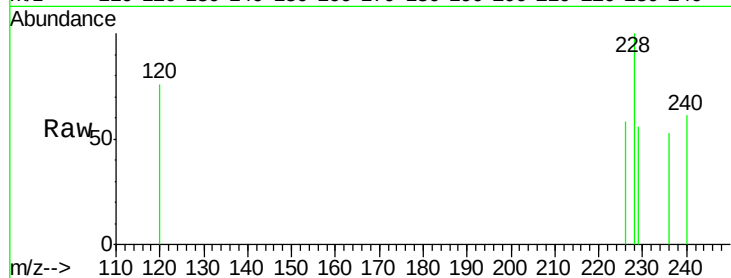
Tgt Ion:228 Resp: 172

Ion Ratio Lower Upper

228 100

226 58.3 22.8 34.2#

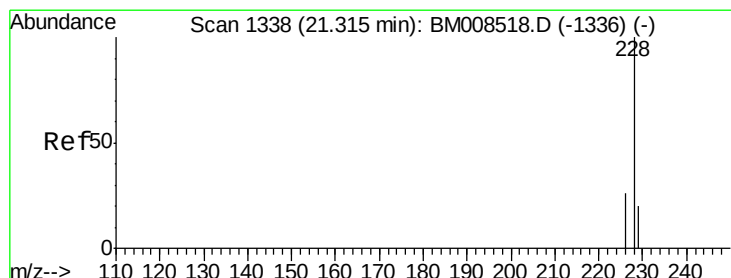
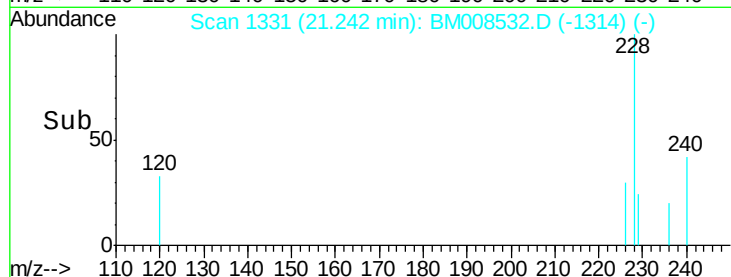
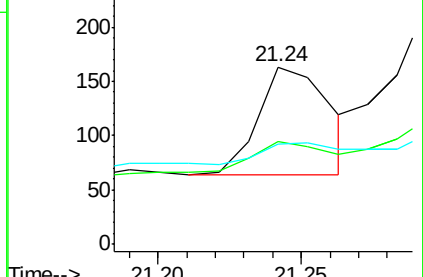
229 56.4 17.0 25.6#



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: 0.07 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BM008532.D

Acq: 22 Dec 2016 00:13

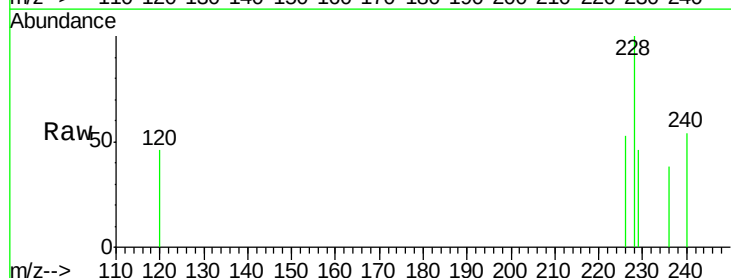
Tgt Ion:228 Resp: 317

Ion Ratio Lower Upper

228 100

226 52.7 23.4 35.0#

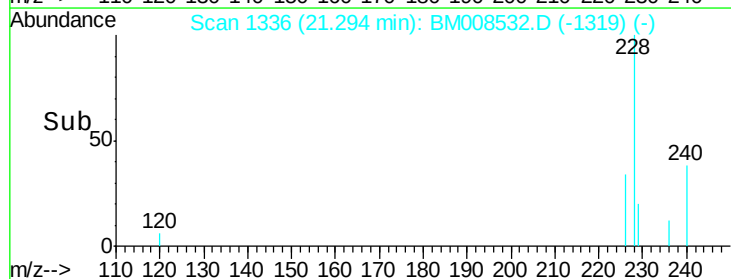
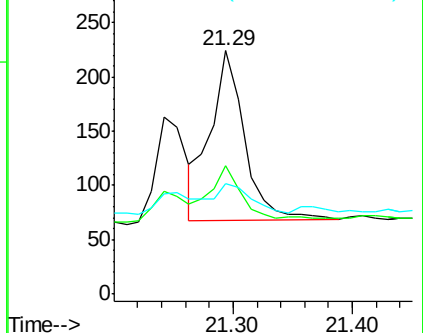
229 45.5 17.7 26.5#

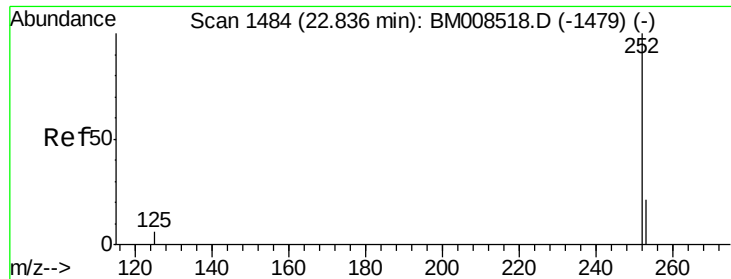


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.05 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BM008532.D

Acq: 22 Dec 2016 00:13

Instrument :

BNA_M

ClientSampleId :

DA8W7

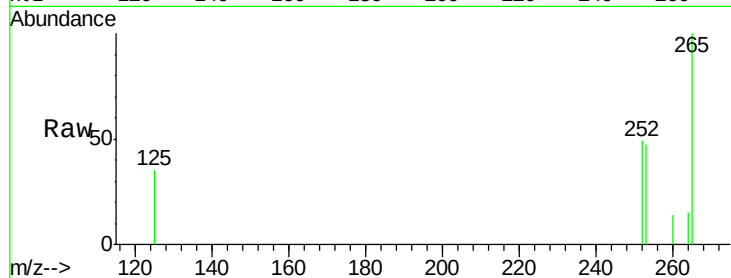
Tgt Ion:252 Resp: 284

Ion Ratio Lower Upper

252 100

253 96.0 0.0 64.2#

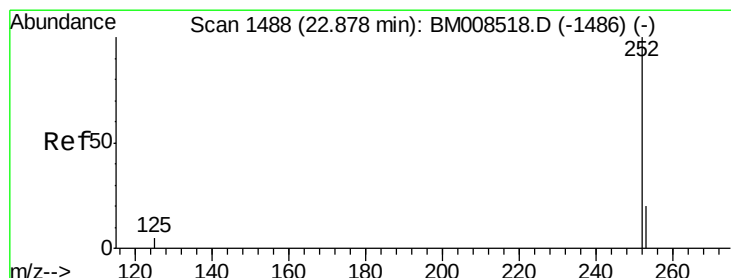
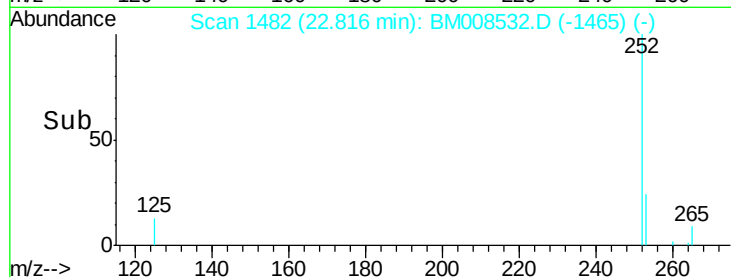
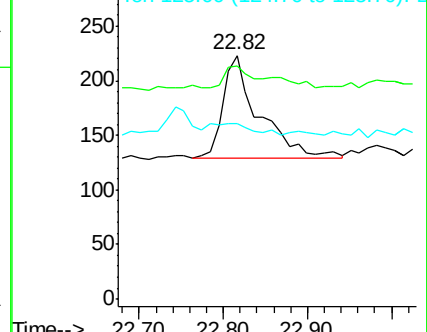
125 72.2 0.0 35.0#



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: 0.05 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.06 min

Lab File: BM008532.D

Acq: 22 Dec 2016 00:13

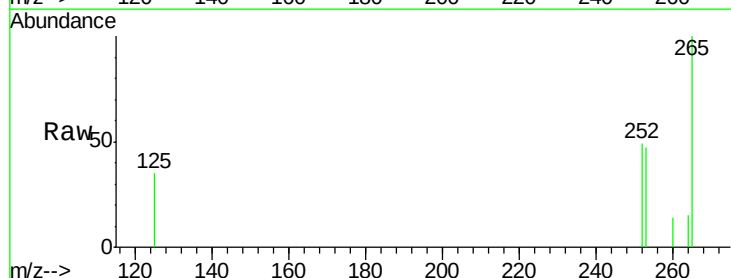
Tgt Ion:252 Resp: 284

Ion Ratio Lower Upper

252 100

253 96.0 24.5 36.7#

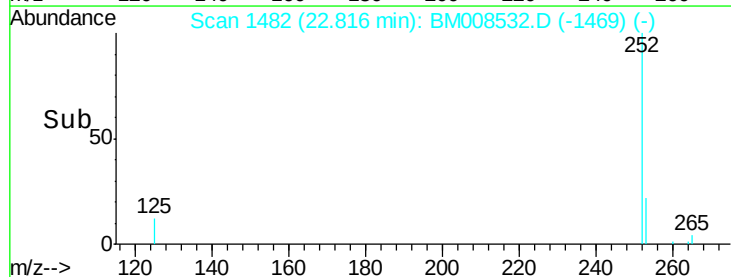
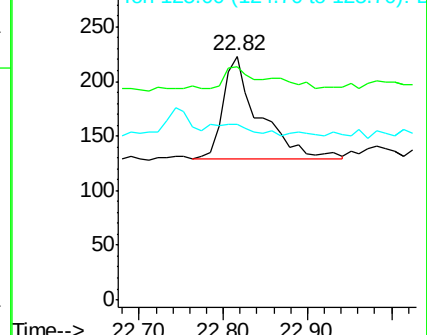
125 72.2 13.7 20.5#

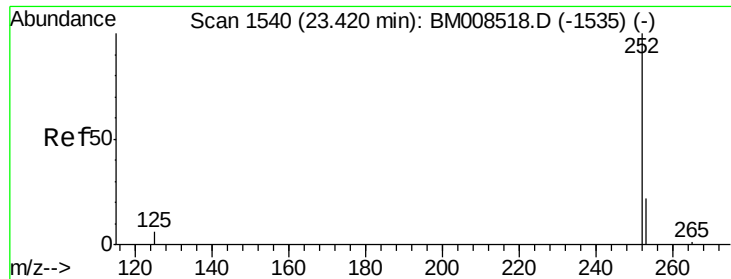


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.03 ng/ul

RT: 23.33 min Scan# 1531

Delta R.T. -0.09 min

Lab File: BM008532.D

Acq: 22 Dec 2016 00:13

Instrument :

BNA_M

ClientSampleId :

DA8W7

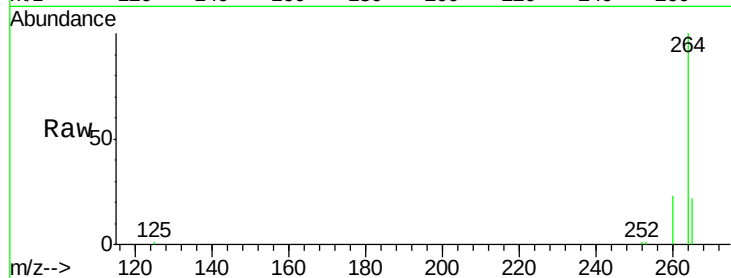
Tgt Ion: 252 Resp: 165

Ion Ratio Lower Upper

252 100

253 89.1 28.5 42.7#

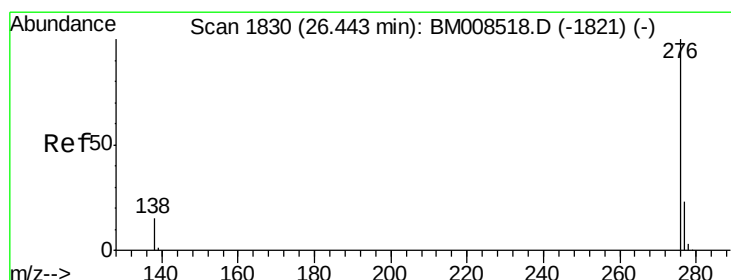
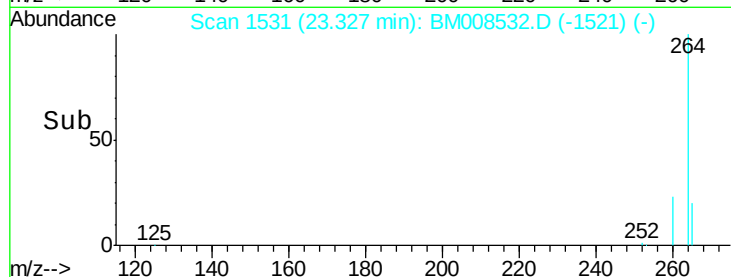
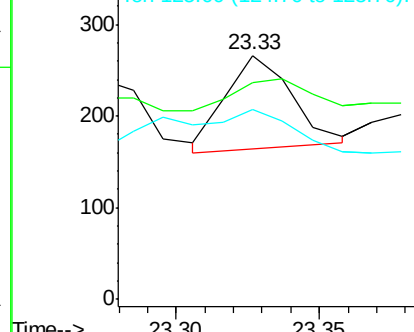
125 77.8 18.1 27.1#



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



#26

Benzo(g,h,i)perylene

Concen: 0.03 ng/ul

RT: 26.42 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BM008532.D

Acq: 22 Dec 2016 00:13

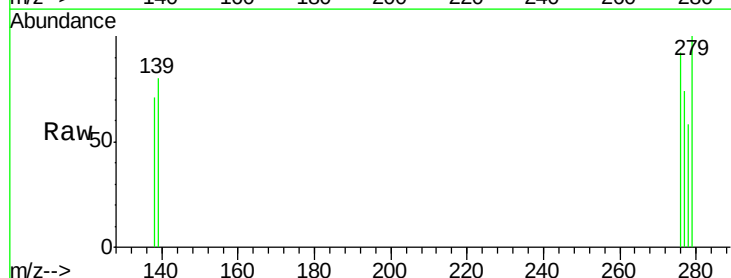
Tgt Ion: 276 Resp: 149

Ion Ratio Lower Upper

276 100

277 80.2 21.8 32.8#

138 77.2 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

