

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008645.D
 Acq On : 24 Dec 2016 22:58
 Operator : UM/SJ
 Sample : H6069-05DL 2X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7J1DL

Quant Time: Dec 26 00:58:55 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	462	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.43	136	1449	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.28	164	893	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	83540	0.40	ng/ul	0.07
16) Chrysene-d12	21.27	240	1612	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	2192	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	495	0.22	ng/ul	-0.04
14) Fluoranthene-d10	19.09	212	868	0.00	ng/ul	0.00

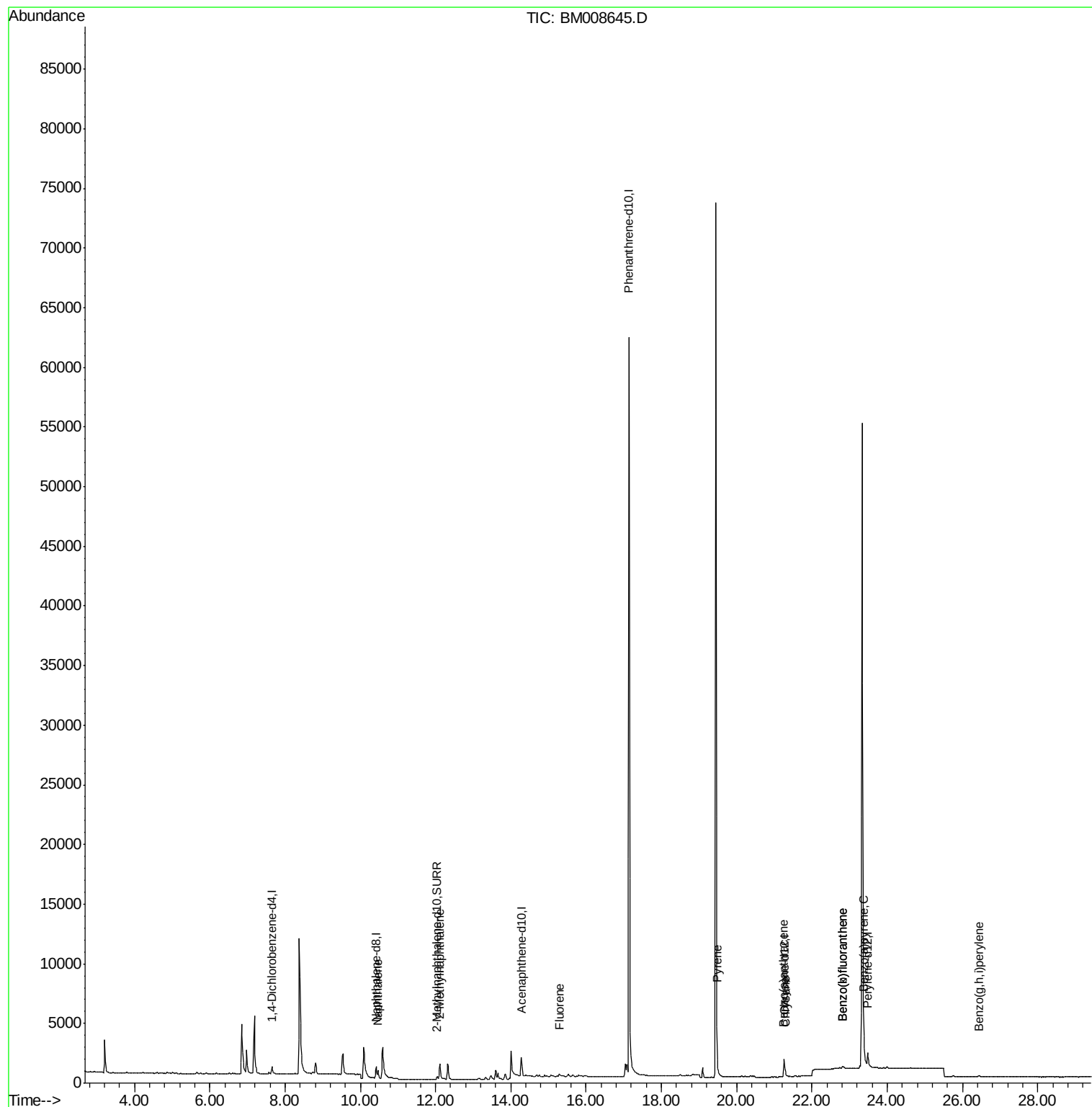
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	1078	0.26	ng/ul#	88
5) 2-Methylnaphthalene	12.11	142	1410	0.51	ng/ul	100
9) Fluorene	15.29	166	271	0.08	ng/ul#	42
17) Pyrene	19.48	202	722	0.12	ng/ul#	67
18) Benzo(a)anthracene	21.24	228	309	0.06	ng/ul#	44
19) Chrysene	21.30	228	433	0.07	ng/ul#	51
21) Benzo(b)fluoranthene	22.82	252	505	0.06	ng/ul#	9
22) Benzo(k)fluoranthene	22.82	252	505	0.06	ng/ul#	5
23) Benzo(a)pyrene	23.38	252	225	0.03	ng/ul#	1
26) Benzo(g,h,i)perylene	26.45	276	208	0.03	ng/ul#	16

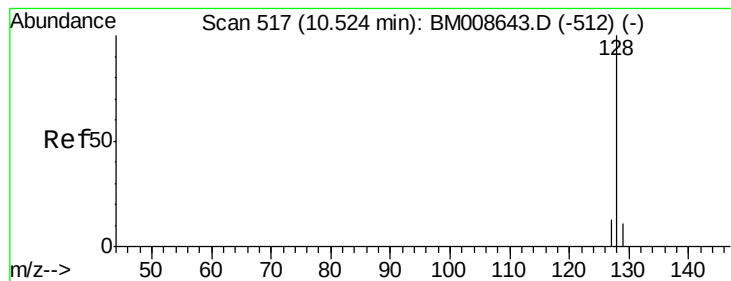
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.26 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.05 min

Lab File: BM008645.D

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DA7J1DL

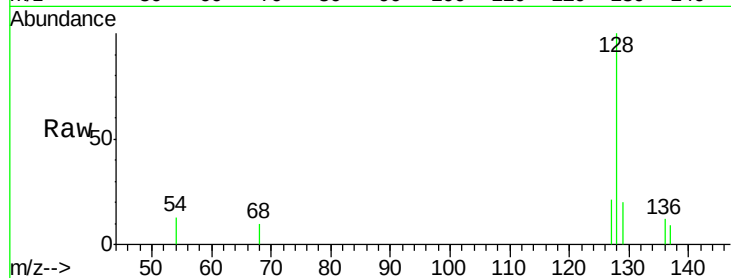
Tgt Ion:128 Resp: 1078

Ion Ratio Lower Upper

128 100

129 19.8 11.3 16.9#

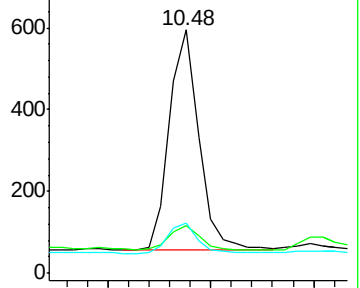
127 20.7 12.8 19.2#



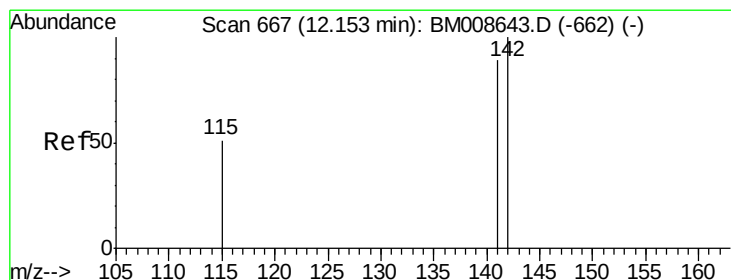
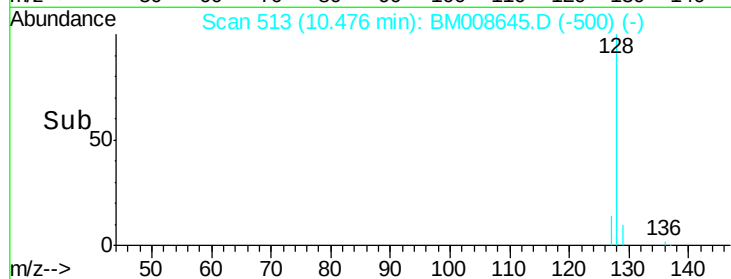
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.51 ng/ul

RT: 12.11 min Scan# 663

Delta R.T. -0.04 min

Lab File: BM008645.D

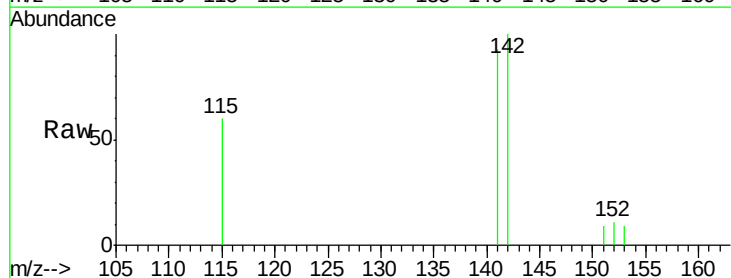
Acq: 24 Dec 2016 22:58

Tgt Ion:142 Resp: 1410

Ion Ratio Lower Upper

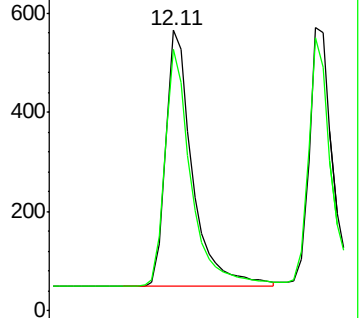
142 100

141 90.6 72.6 108.8

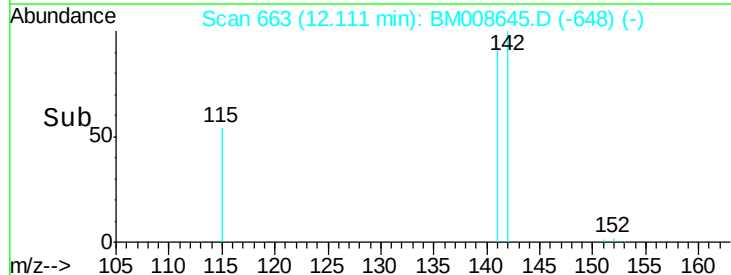


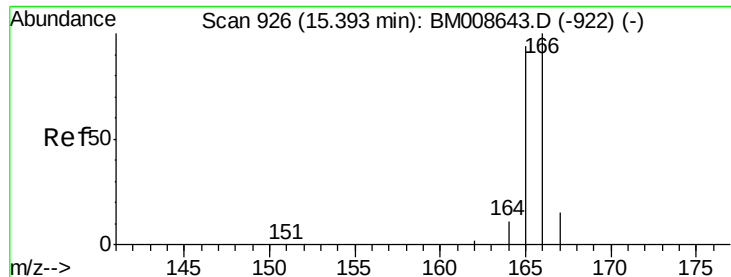
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#9

Fluorene

Concen: 0.08 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.10 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

Instrument :

BNA_M

ClientSampleId :

DA7J1DL

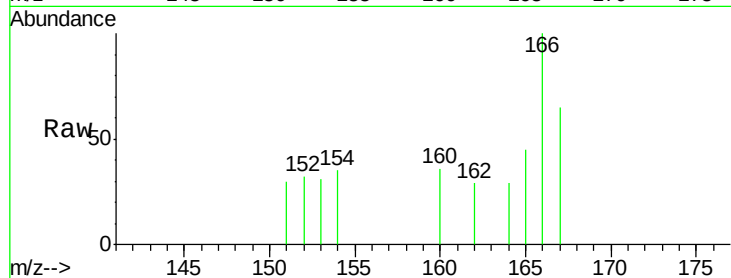
Tgt Ion:166 Resp: 271

Ion Ratio Lower Upper

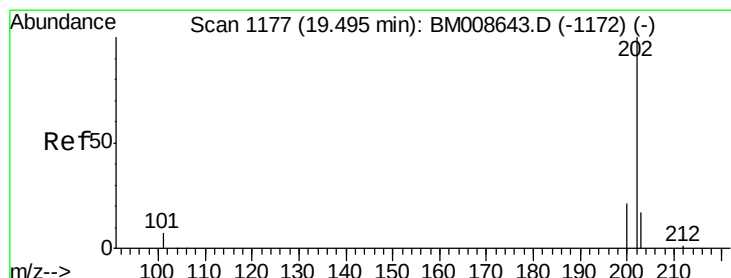
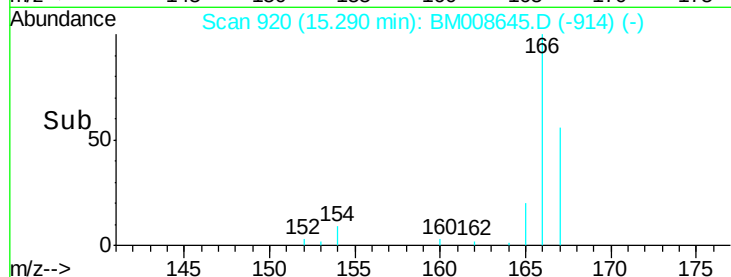
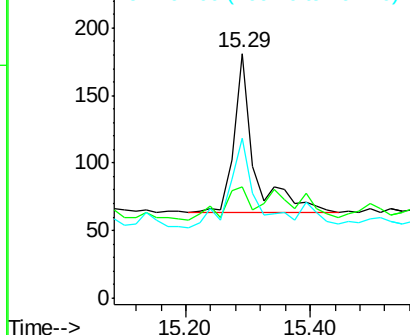
166 100

165 45.3 73.4 110.2#

167 65.2 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: 0.12 ng/ul

RT: 19.48 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

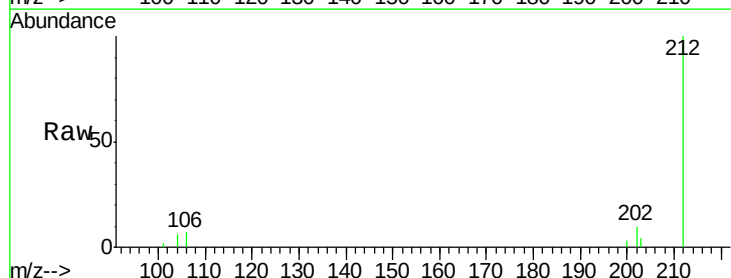
Tgt Ion:202 Resp: 722

Ion Ratio Lower Upper

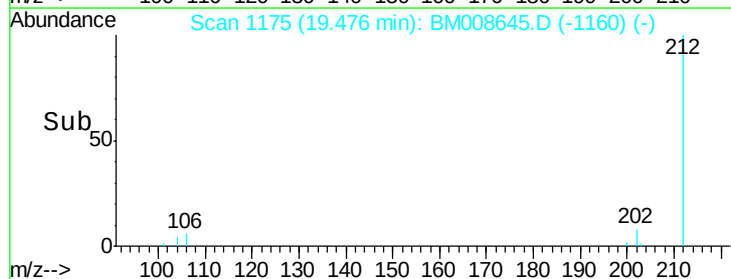
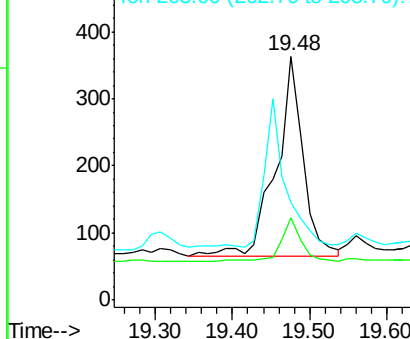
202 100

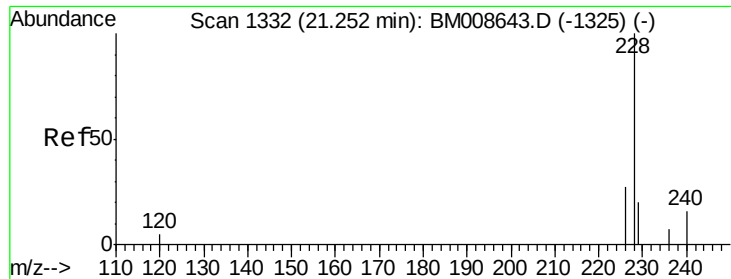
200 33.9 18.2 27.4#

203 40.2 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: 0.06 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

Instrument :

BNA_M

ClientSampleId :

DA7J1DL

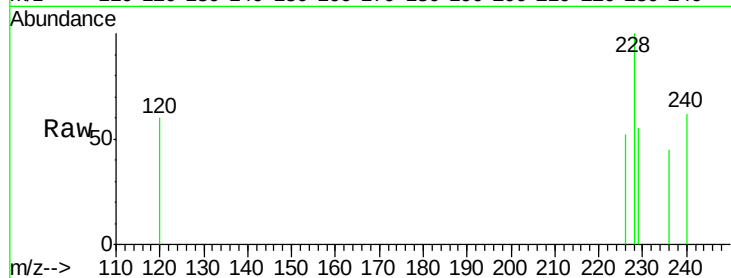
Tgt Ion:228 Resp: 309

Ion Ratio Lower Upper

228 100

226 52.4 22.8 34.2#

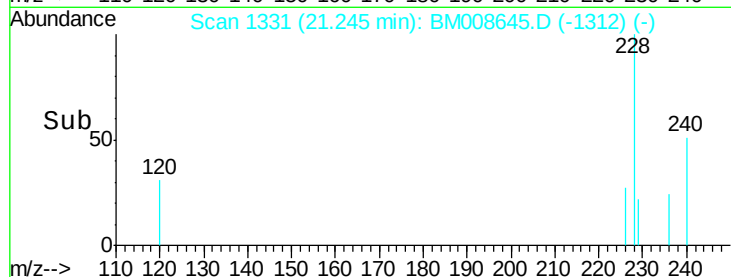
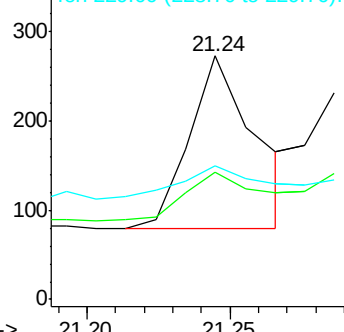
229 54.9 17.0 25.6#



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: 21.30 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

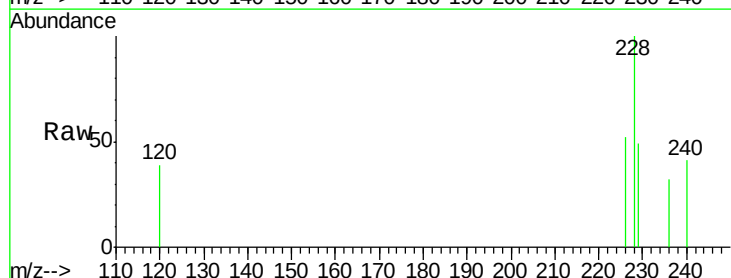
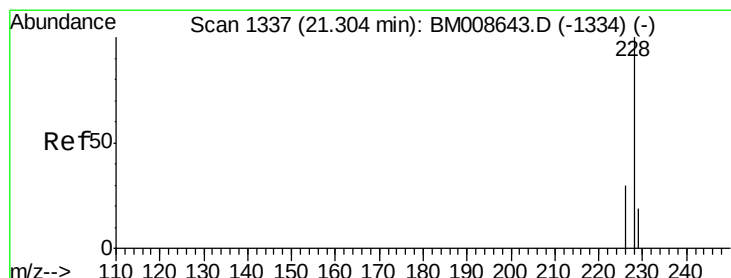
Tgt Ion:228 Resp: 433

Ion Ratio Lower Upper

228 100

226 52.5 23.4 35.0#

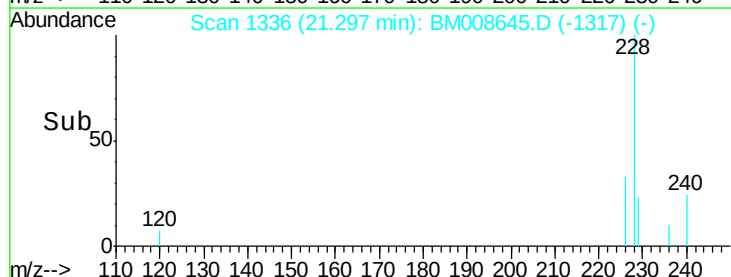
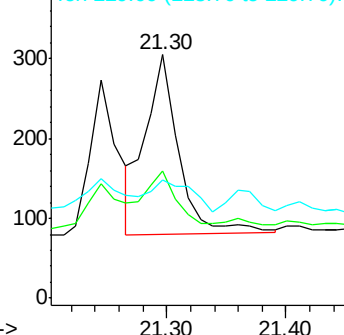
229 48.5 17.7 26.5#

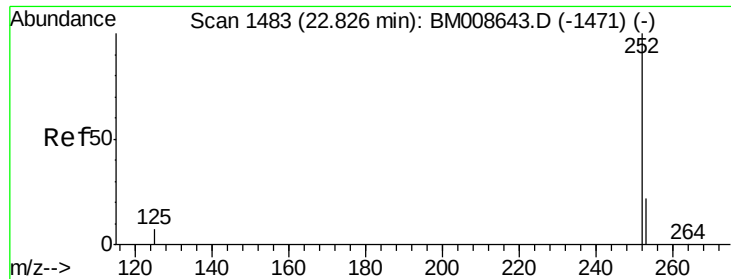


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

Instrument :

BNA_M

ClientSampleId :

DA7J1DL

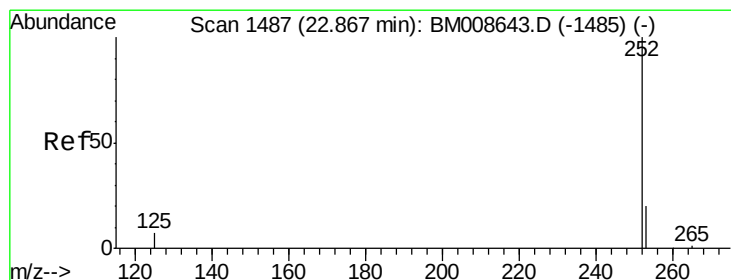
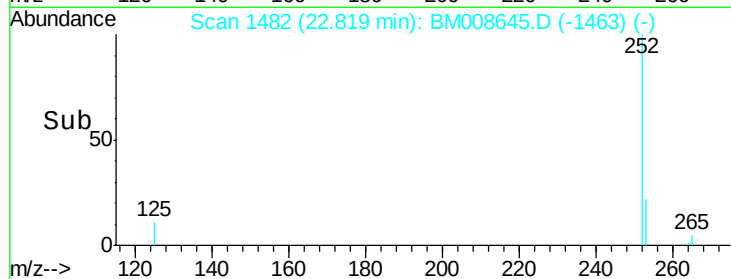
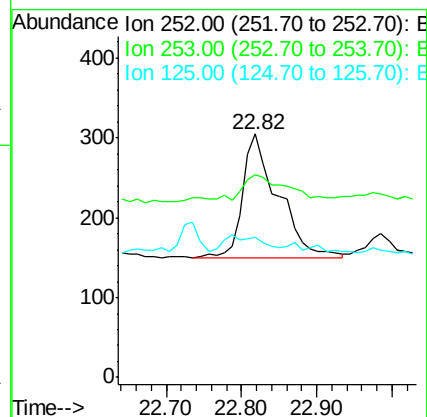
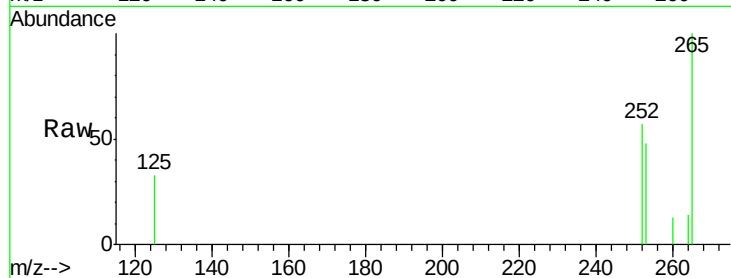
Tgt Ion:252 Resp: 505

Ion Ratio Lower Upper

252 100

253 83.3 0.0 64.2#

125 57.4 0.0 35.0#



#22

Benzo(k)fluoranthene

Concen: 0.06 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.05 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

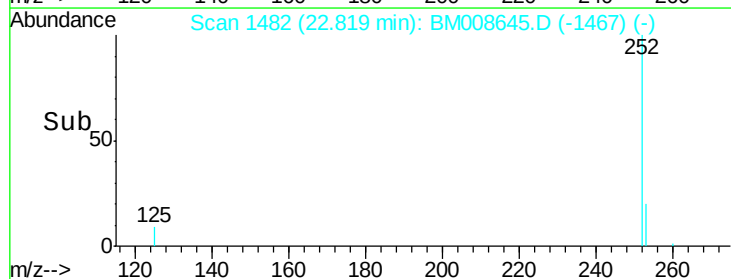
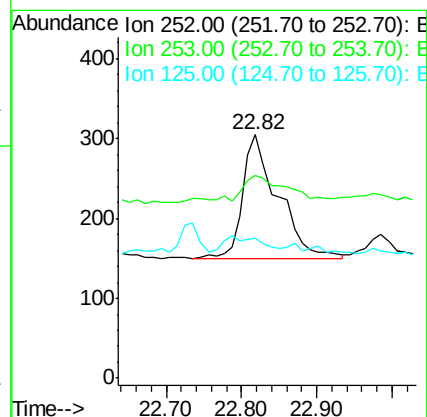
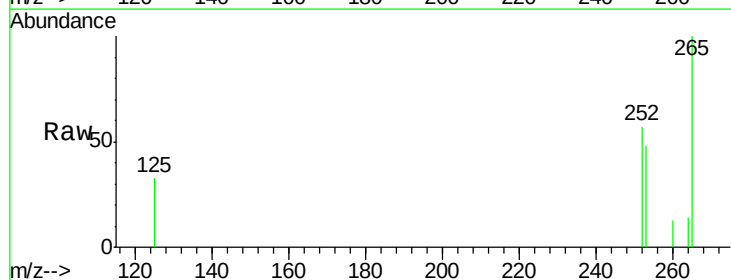
Tgt Ion:252 Resp: 505

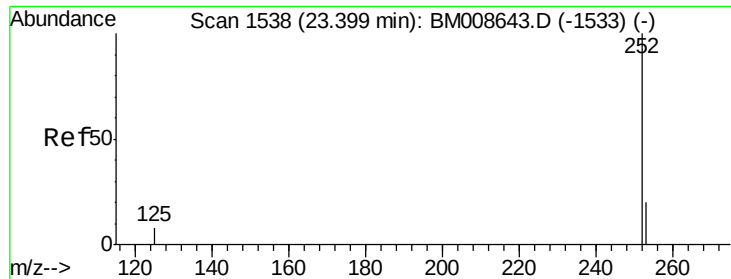
Ion Ratio Lower Upper

252 100

253 83.3 24.5 36.7#

125 57.4 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.03 ng/ul

RT: 23.38 min Scan# 1536

Delta R.T. -0.02 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

Instrument :

BNA_M

ClientSampleId :

DA7J1DL

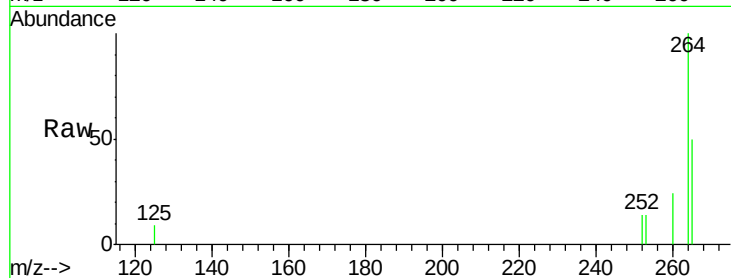
Tgt Ion: 252 Resp: 225

Ion Ratio Lower Upper

252 100

253 98.1 28.5 42.7#

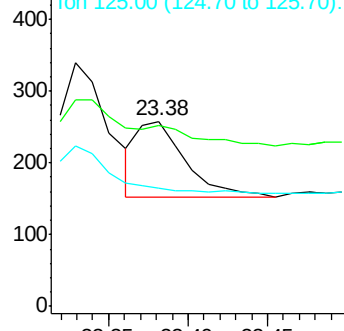
125 64.0 18.1 27.1#



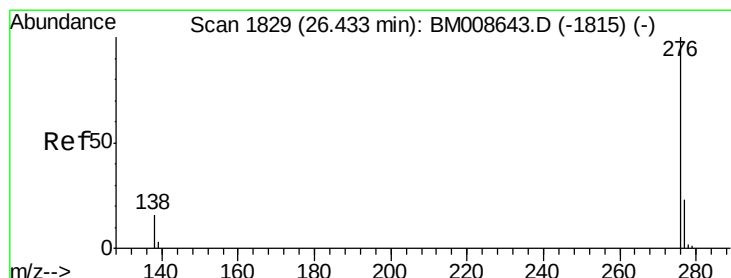
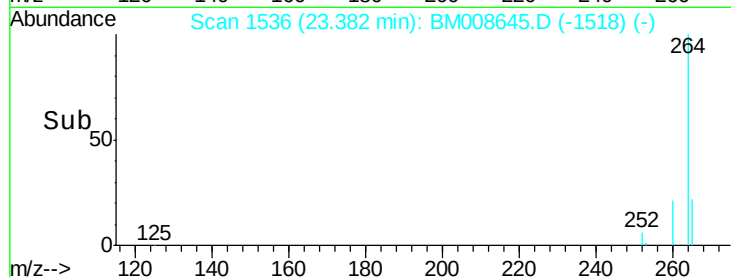
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.03 ng/ul

RT: 26.45 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BM008645.D

Acq: 24 Dec 2016 22:58

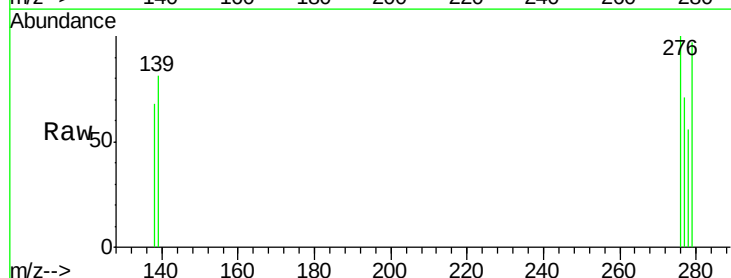
Tgt Ion: 276 Resp: 208

Ion Ratio Lower Upper

276 100

277 71.3 21.8 32.8#

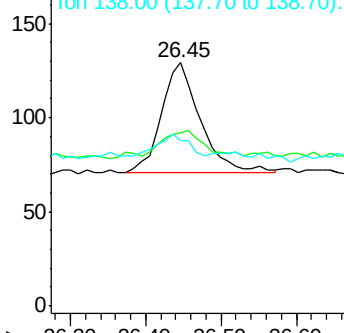
138 68.2 20.5 30.7#



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



Time-->

