

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008241.D
 Acq On : 10 Dec 2016 20:29
 Operator : UM/SJ
 Sample : H5905-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 03:54:32 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 03:51:49 2016
 Response via : Initial Calibration

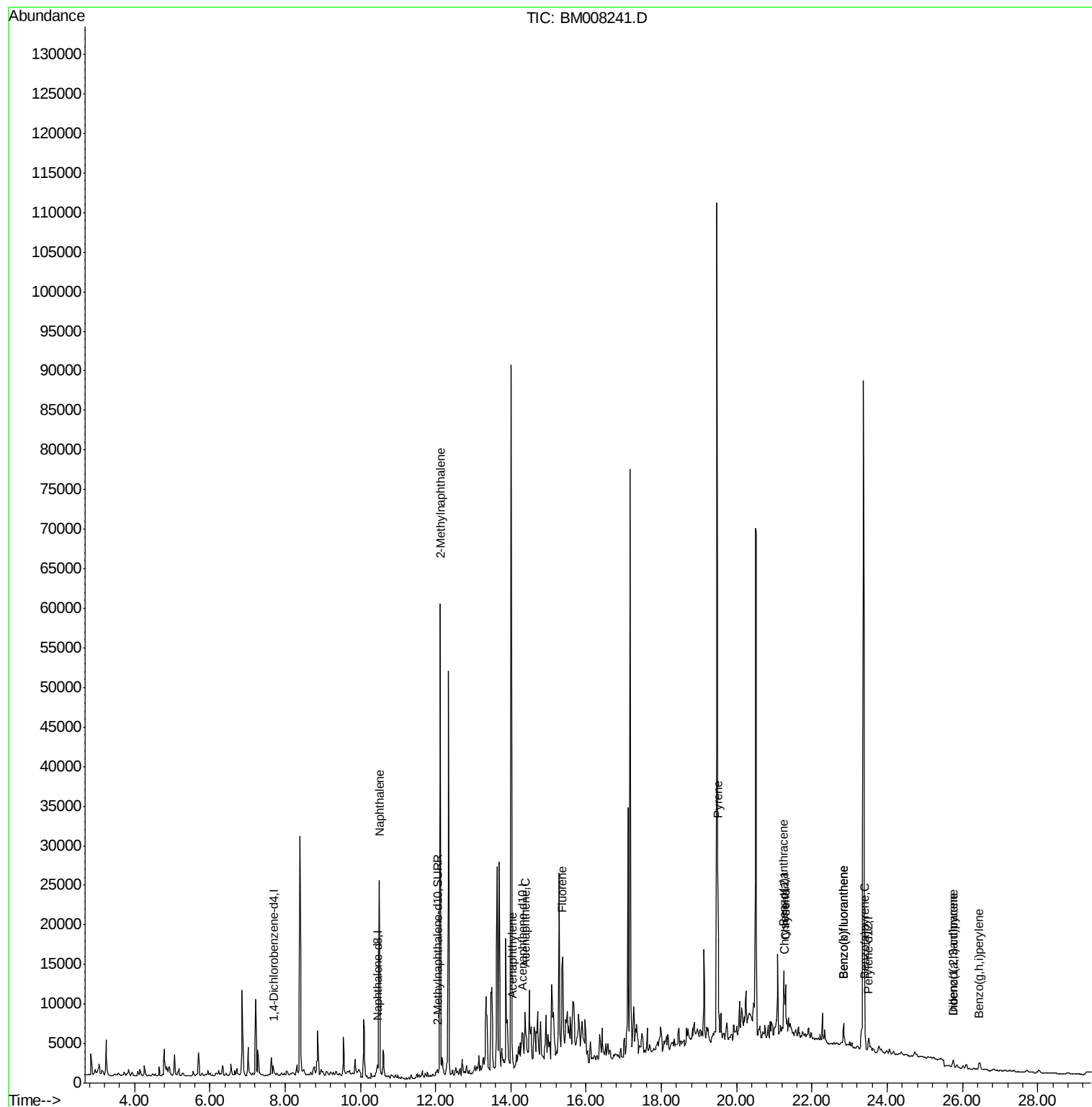
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	752	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2435	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1825	0.40	ng/ul	-0.02
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.09
16) Chrysene-d12	21.28	240	2595	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	2150	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	866	0.25	ng/ul	-0.03
14) Fluoranthene-d10	19.11	212	13659	0.00	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.51	128	39357	5.78	ng/ul#	94
5) 2-Methylnaphthalene	12.12	142	40072	9.13	ng/ul	98
7) Acenaphthylene	14.04	152	1941	0.24	ng/ul#	1
8) Acenaphthene	14.38	153	3827	0.61	ng/ul	96
9) Fluorene	15.38	166	8919	1.23	ng/ul#	82
17) Pyrene	19.50	202	19531	2.17	ng/ul#	92
18) Benzo(a)anthracene	21.26	228	6319	0.79	ng/ul#	48
19) Chrysene	21.31	228	6473	0.65	ng/ul#	58
21) Benzo(b)fluoranthene	22.84	252	3890	0.45	ng/ul#	16
22) Benzo(k)fluoranthene	22.84	252	3890	0.44	ng/ul#	12
23) Benzo(a)pyrene	23.41	252	4294	0.53	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	25.76	276	1450	0.15	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.76	278	522	0.07	ng/ul#	1
26) Benzo(g,h,i)perylene	26.45	276	1971	0.22	ng/ul#	62

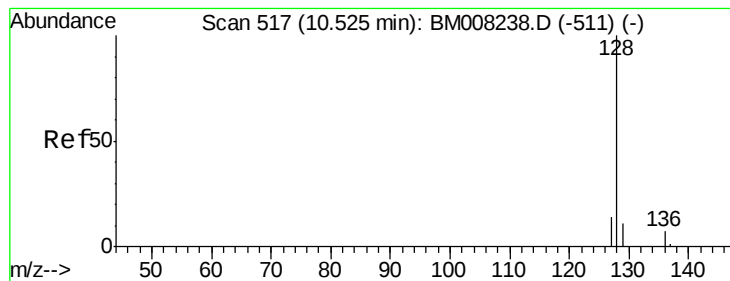
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 12 03:51:49 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 5.78 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008241.D

Acq: 10 Dec 2016 20:29

Instrument :

BNA_M

ClientSampleId :

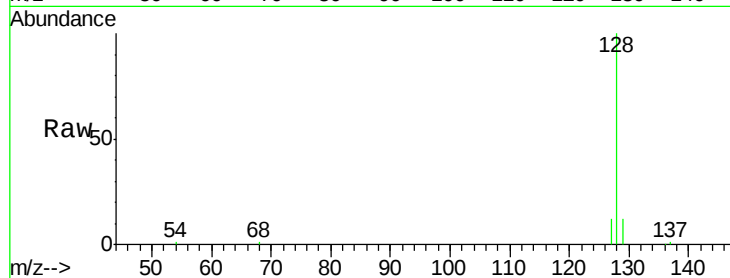
Tot Ion:128 Resp: 39357

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

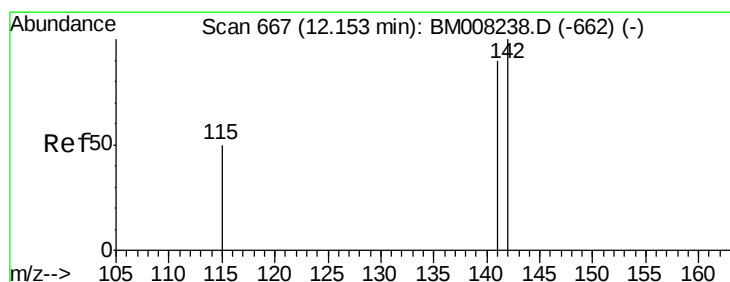
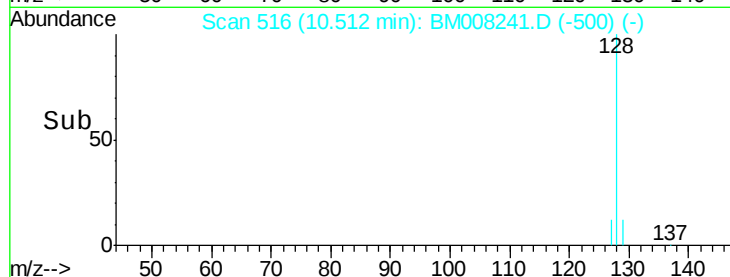
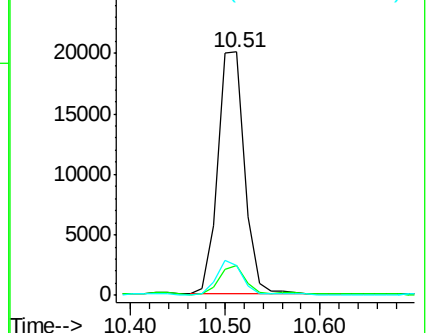
127 12.5 12.8 19.2#



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: 9.13 ng/ul

RT: 12.12 min Scan# 664

Delta R.T. -0.03 min

Lab File: BM008241.D

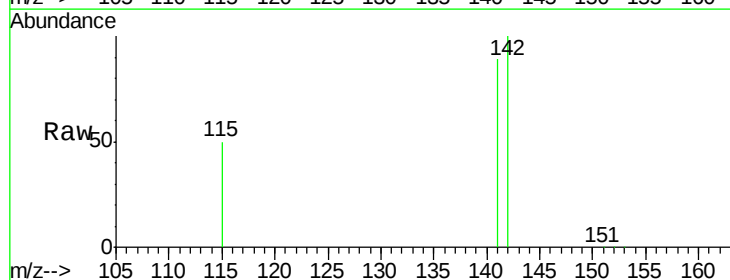
Acq: 10 Dec 2016 20:29

Tgt Ion:142 Resp: 40072

Ion Ratio Lower Upper

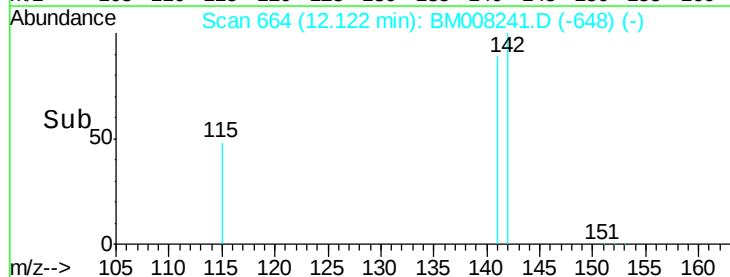
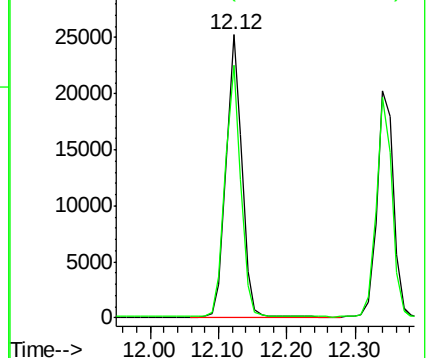
142 100

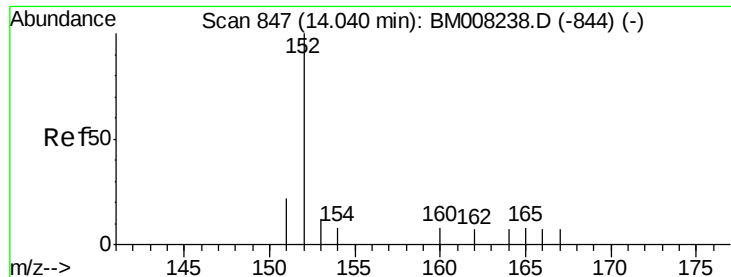
141 89.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.24 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM008241.D

Acq: 10 Dec 2016 20:29

Instrument :

BNA_M

ClientSampleID :

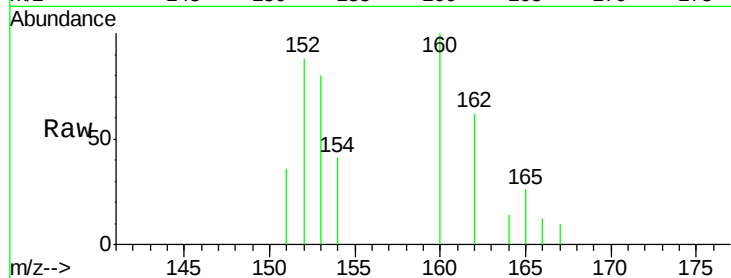
Tot Ion:152 Resp: 1941

Ion Ratio Lower Upper

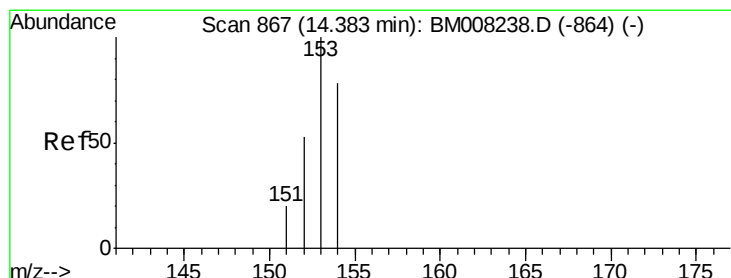
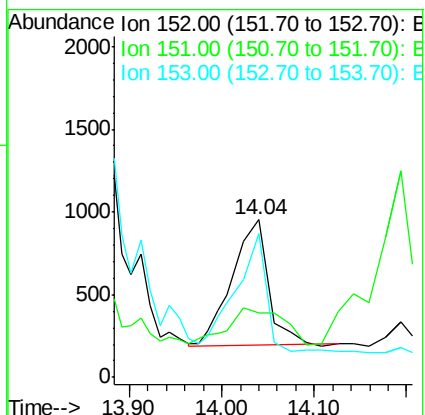
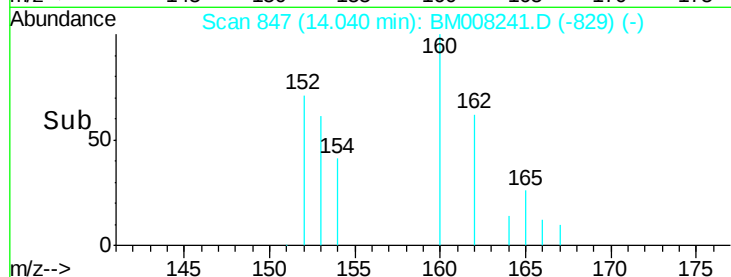
152 100

151 40.5 17.1 25.7#

153 91.2 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.61 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM008241.D

Acq: 10 Dec 2016 20:29

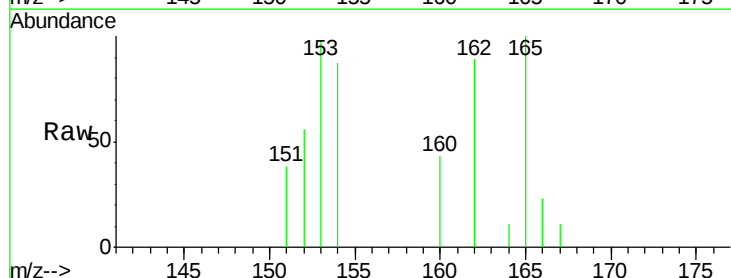
Tgt Ion:153 Resp: 3827

Ion Ratio Lower Upper

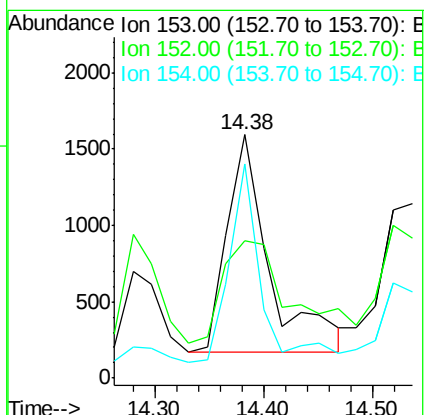
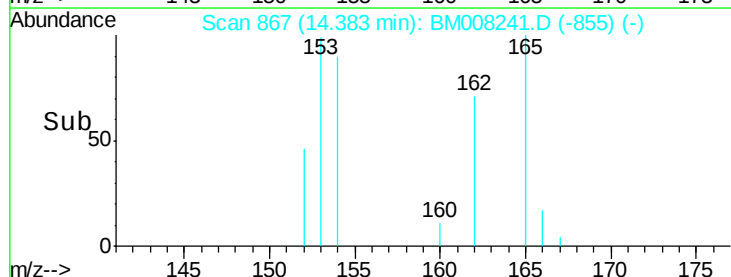
153 100

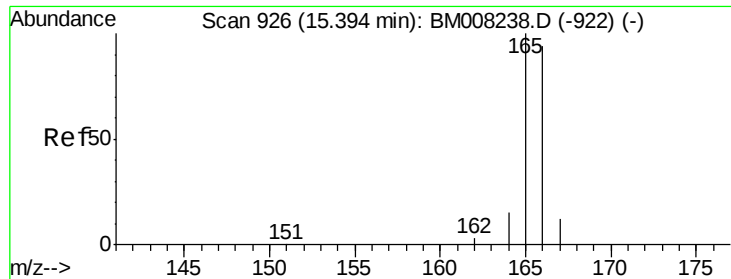
152 56.7 40.3 60.5

154 88.0 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.23 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM008241.D

Acq: 10 Dec 2016 20:29

Instrument :

BNA_M

ClientSampleId :

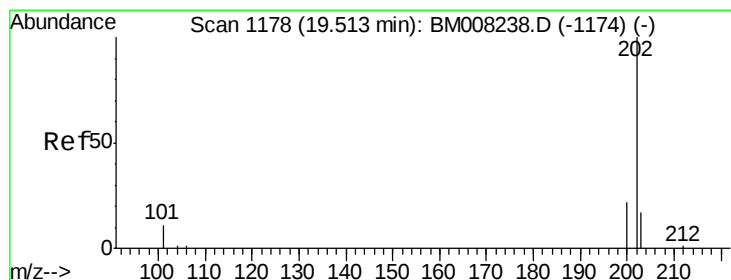
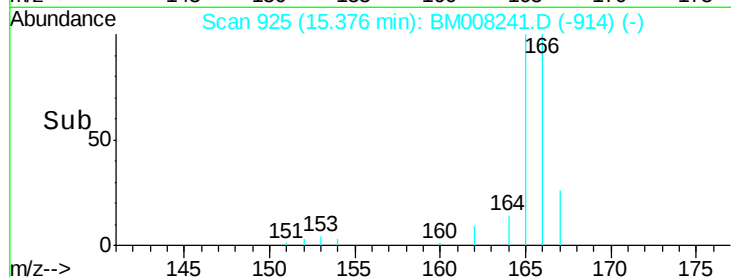
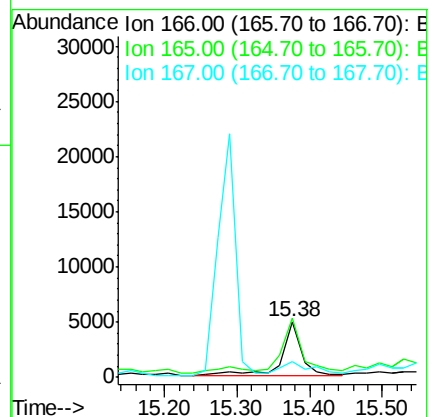
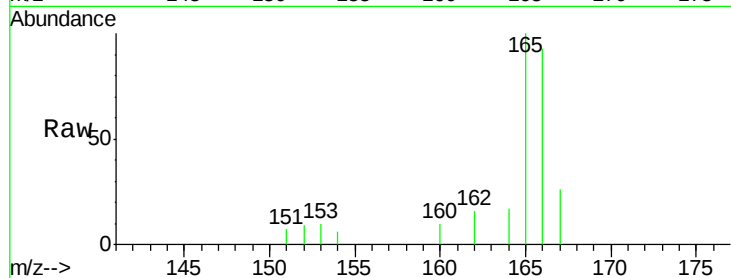
Tot Ion:166 Resp: 8919

Ion Ratio Lower Upper

166 100

165 108.0 73.4 110.2

167 27.6 14.6 22.0#



#17

Pyrene

Concen: 2.17 ng/ul

RT: 19.50 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BM008241.D

Acq: 10 Dec 2016 20:29

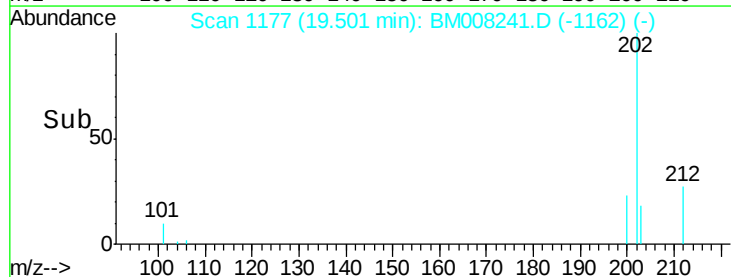
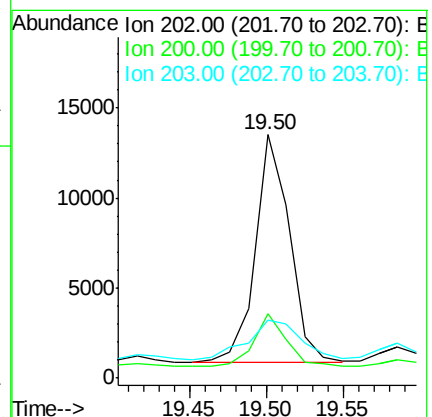
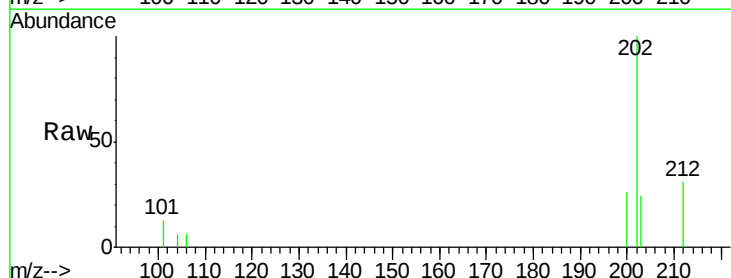
Tgt Ion:202 Resp: 19531

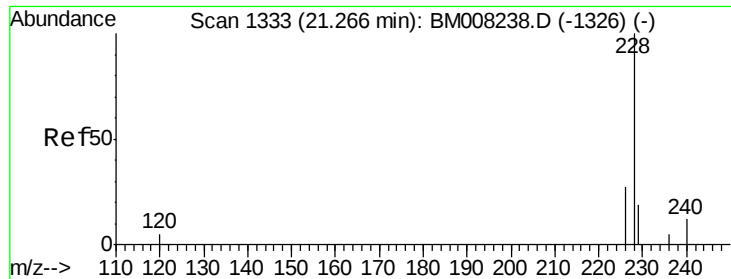
Ion Ratio Lower Upper

202 100

200 26.5 18.2 27.4

203 23.6 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.79 ng/ul

RT: 21.26 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BM008241.D

Acq: 10 Dec 2016 20:29

Instrument :

BNA_M

ClientSampleId :

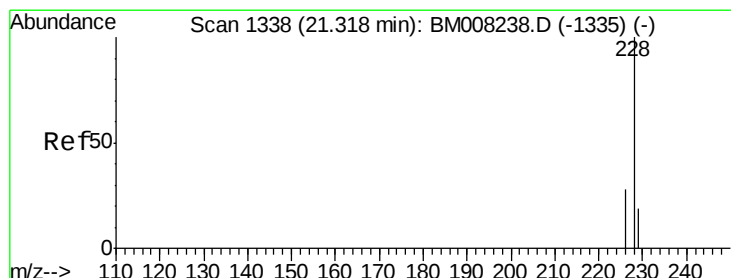
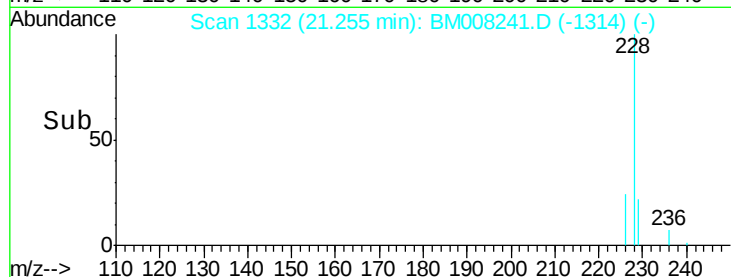
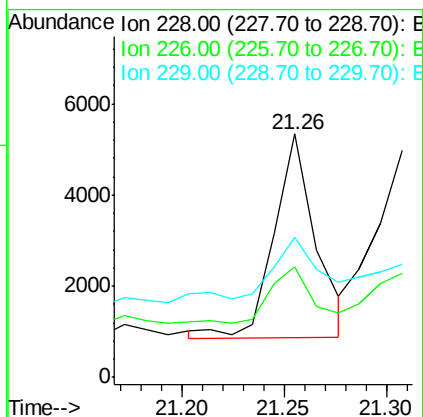
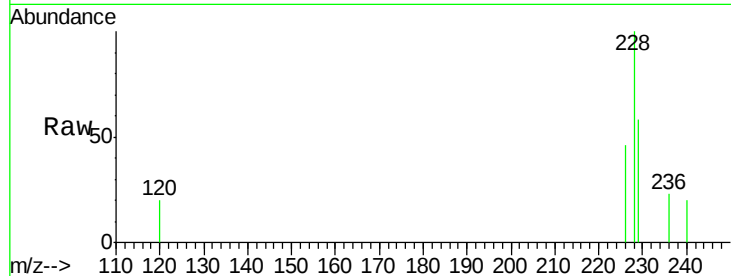
Tot Ion:228 Resp: 6319

Ion Ratio Lower Upper

228 100

226 45.6 22.8 34.2#

229 57.7 17.0 25.6#



#19

Chrysene

Concen: 0.65 ng/ul

RT: 21.31 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM008241.D

Acq: 10 Dec 2016 20:29

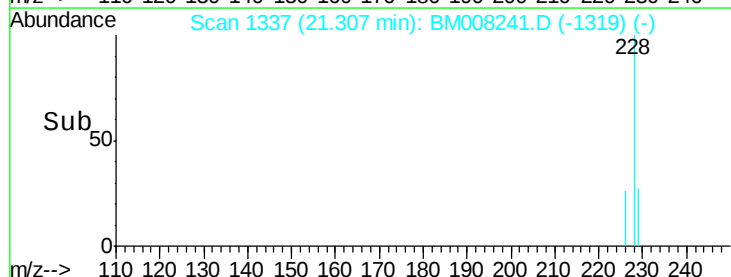
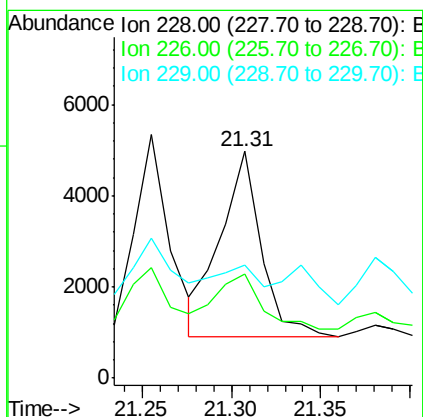
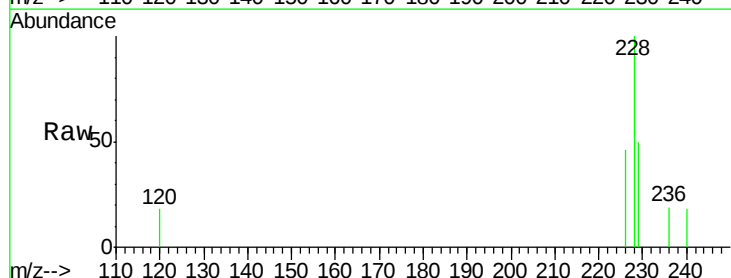
Tgt Ion:228 Resp: 6473

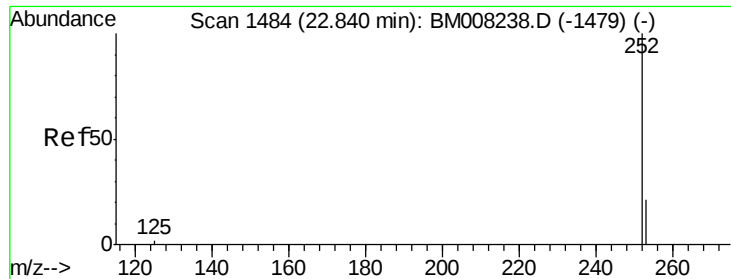
Ion Ratio Lower Upper

228 100

226 45.7 23.4 35.0#

229 49.7 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.45 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BM008241.D

Acq: 10 Dec 2016 20:29

Instrument :

BNA_M

ClientSampleId :

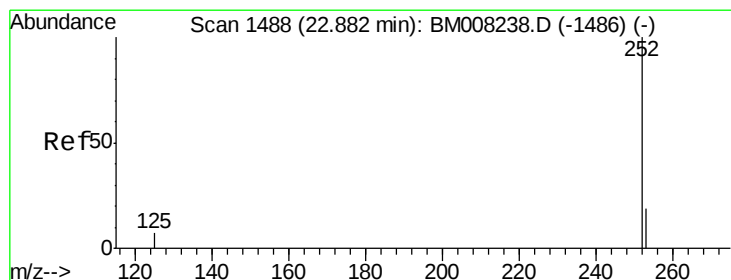
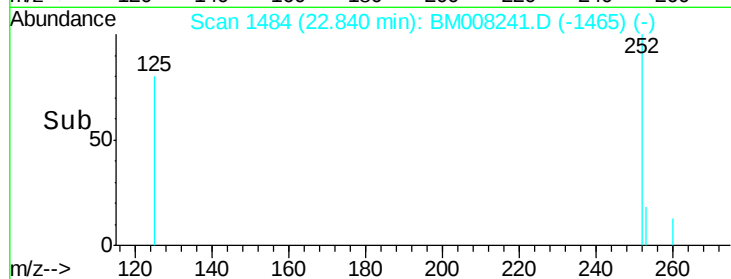
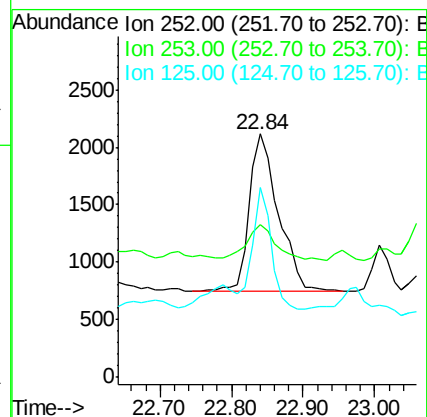
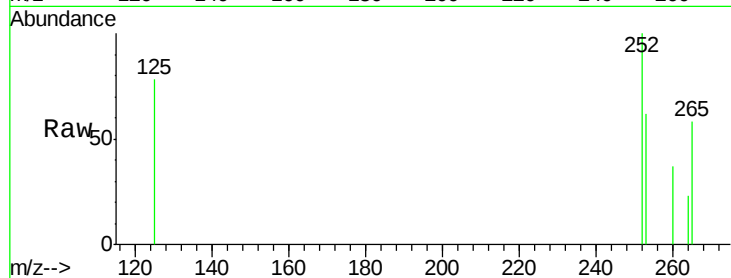
Tot Ion:252 Resp: 3890

Ion Ratio Lower Upper

252 100

253 62.5 0.0 64.2

125 78.1 0.0 35.0#



#22

Benzo(k)fluoranthene

Concen: 0.44 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. -0.04 min

Lab File: BM008241.D

Acq: 10 Dec 2016 20:29

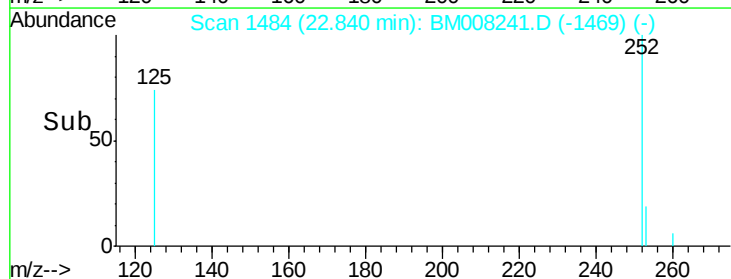
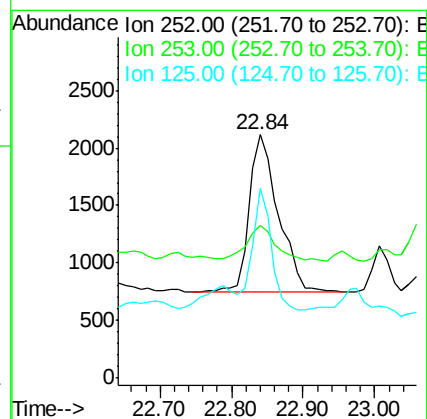
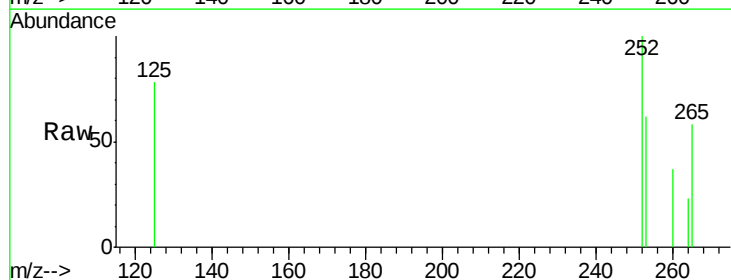
Tgt Ion:252 Resp: 3890

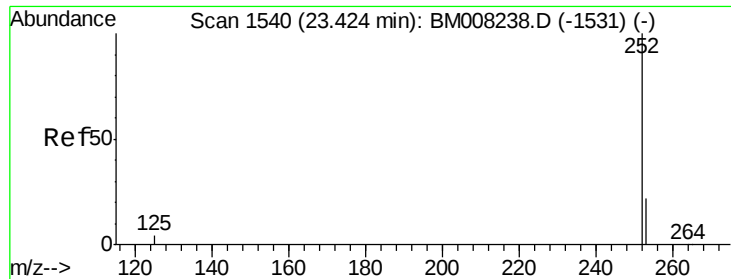
Ion Ratio Lower Upper

252 100

253 62.5 24.5 36.7#

125 78.1 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.53 ng/ul

RT: 23.41 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BM008241.D

Acq: 10 Dec 2016 20:29

Instrument :

BNA_M

ClientSampleId :

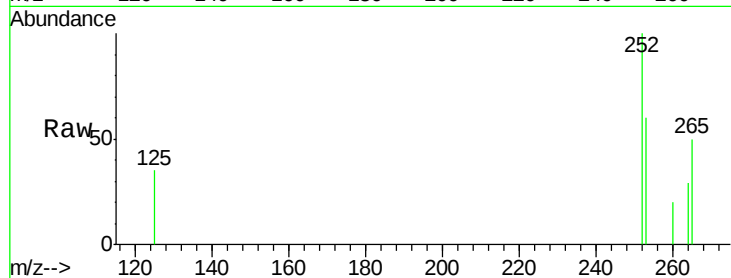
Tot Ion:252 Resp: 4294

Ion Ratio Lower Upper

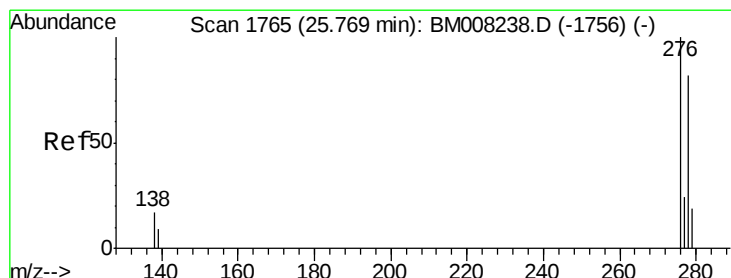
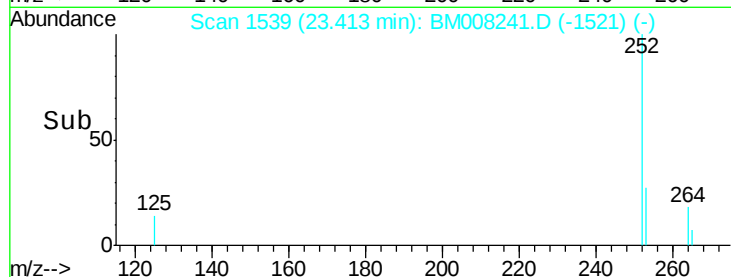
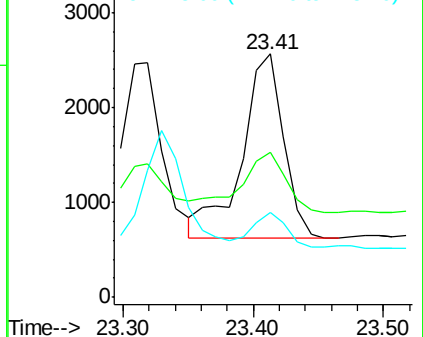
252 100

253 59.5 28.5 42.7#

125 35.0 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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.15 ng/ul

RT: 25.76 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BM008241.D

Acq: 10 Dec 2016 20:29

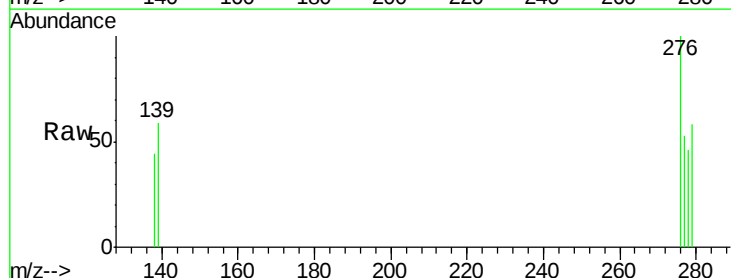
Tgt Ion:276 Resp: 1450

Ion Ratio Lower Upper

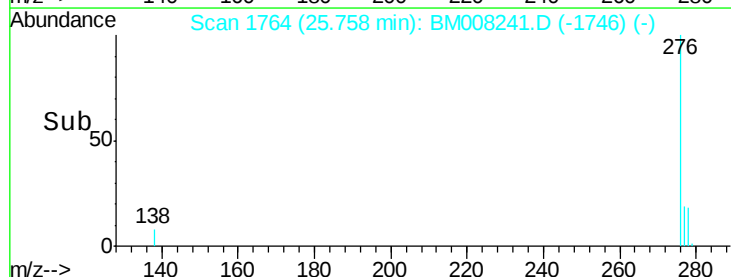
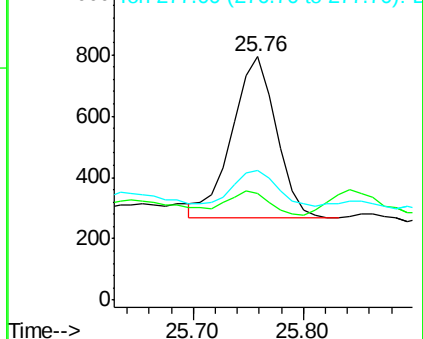
276 100

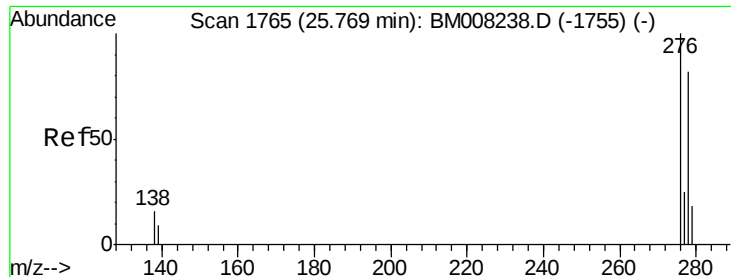
138 13.6 19.1 28.7#

277 22.9 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.07 ng/ul

RT: 25.76 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BM008241.D

Acq: 10 Dec 2016 20:29

Instrument :

BNA_M

ClientSampleId :

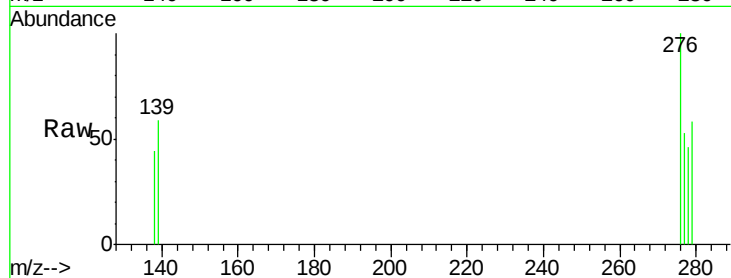
Tot Ion:278 Resp: 522

Ion Ratio Lower Upper

278 100

139 127.7 17.4 26.0#

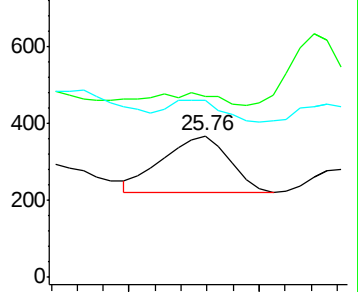
279 125.0 25.9 38.9#



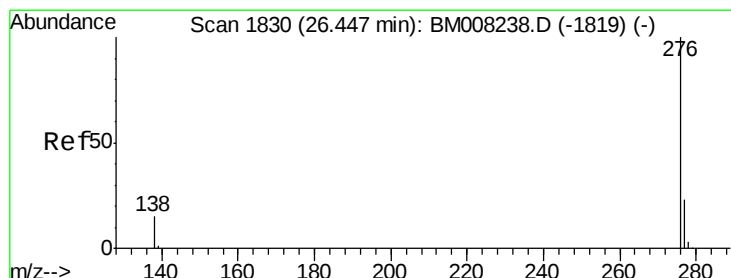
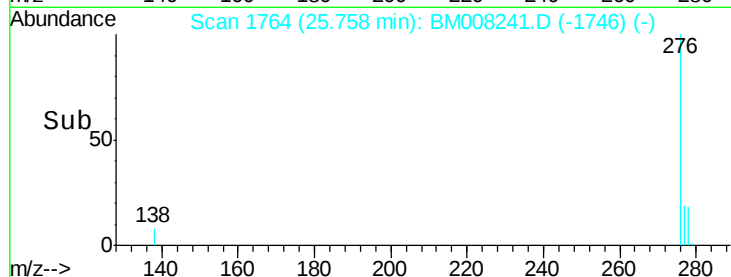
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.22 ng/ul

RT: 26.45 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BM008241.D

Acq: 10 Dec 2016 20:29

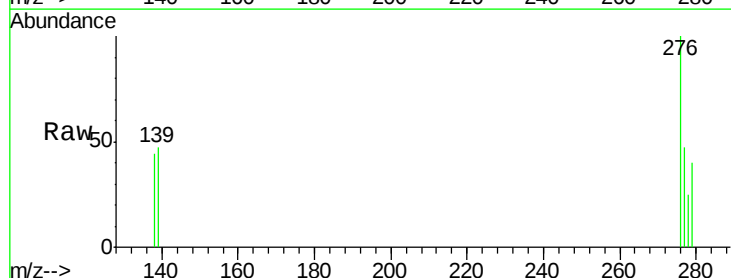
Tgt Ion:276 Resp: 1971

Ion Ratio Lower Upper

276 100

277 47.1 21.8 32.8#

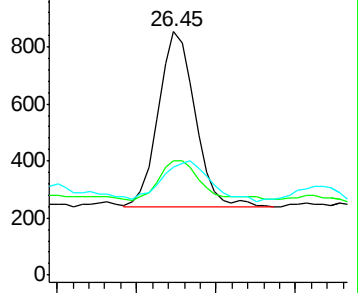
138 44.5 20.5 30.7#



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-->

