

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121216\
 Data File : BM008262.D
 Acq On : 12 Dec 2016 14:19
 Operator : UM/SJ
 Sample : H5905-18RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA817RE

Quant Time: Dec 13 02:30:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 02:27:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	794	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2345	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	4134	0.40	ng/ul	-0.03
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.09
16) Chrysene-d12	21.27	240	1897	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1735	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.05	152	1296	0.39	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	6532	0.00	ng/ul	-0.01

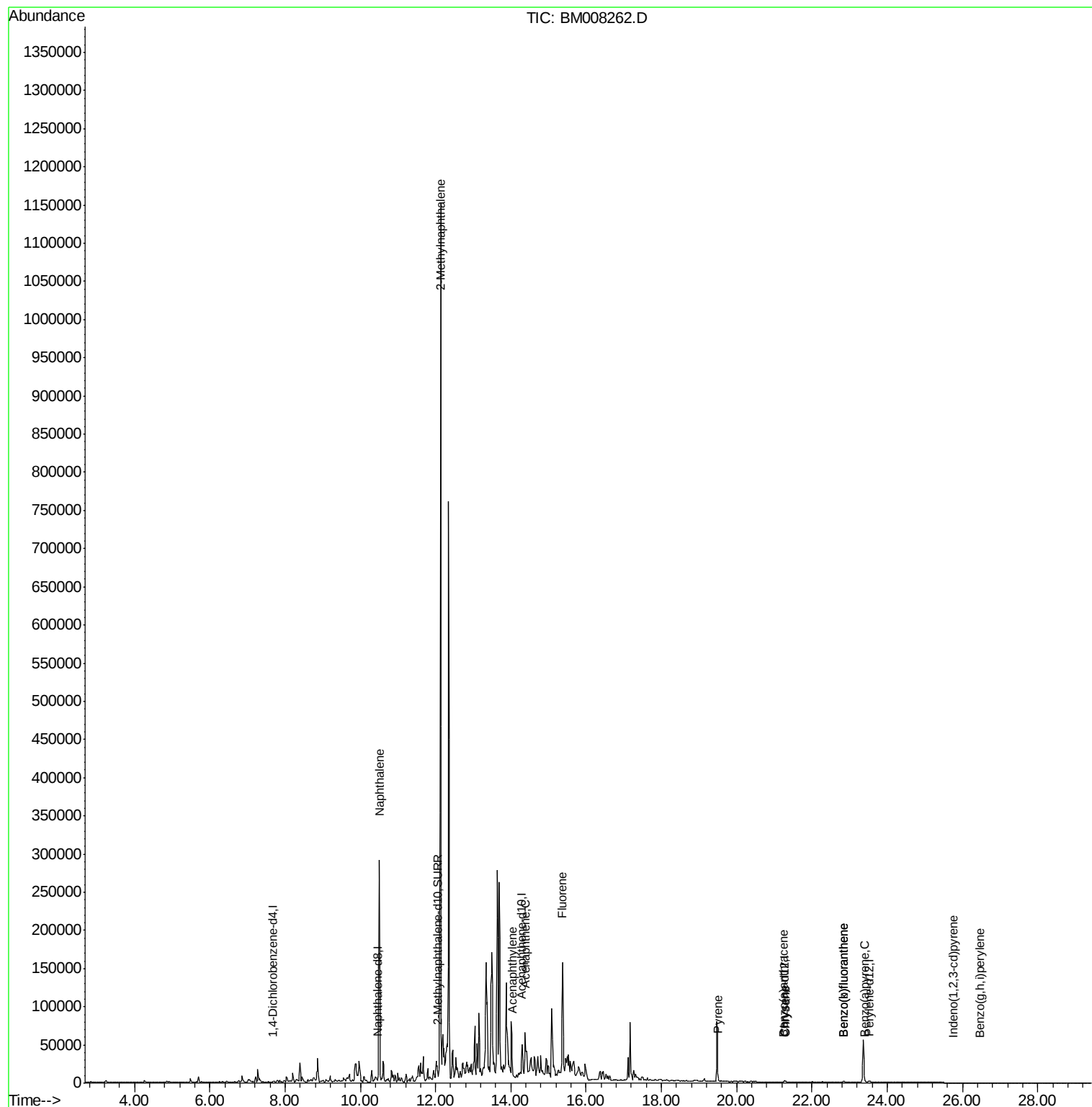
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.51	128	430502	65.65	ng/ul#	93
5) 2-Methylnaphthalene	12.13	142	786540	186.07	ng/ul	98
7) Acenaphthylene	14.04	152	15404	0.82	ng/ul#	4
8) Acenaphthene	14.38	153	43965	3.09	ng/ul	98
9) Fluorene	15.38	166	94099	5.75	ng/ul	86
17) Pyrene	19.51	202	4959	0.75	ng/ul#	86
18) Benzo(a)anthracene	21.25	228	930	0.16	ng/ul#	32
19) Chrysene	21.30	228	672	0.09	ng/ul#	27
21) Benzo(b)fluoranthene	22.84	252	640	0.09	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	649	0.09	ng/ul#	1
23) Benzo(a)pyrene	23.41	252	360	0.06	ng/ul#	8
24) Indeno(1,2,3-cd)pyrene	25.76	276	186	0.02	ng/ul#	63
26) Benzo(g,h,i)perylene	26.45	276	176	0.02	ng/ul#	5

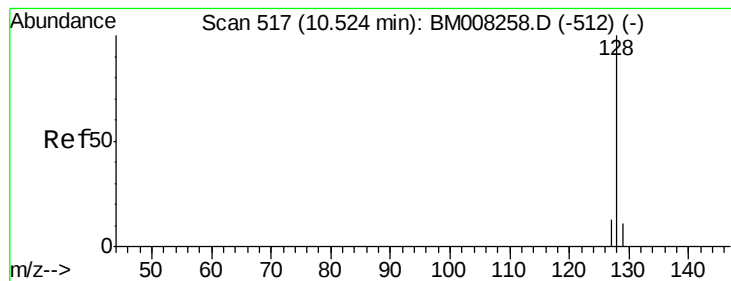
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 65.65 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008262.D

Acq: 12 Dec 2016 14:19

Instrument :

BNA_M

ClientSampleId :

DA817RE

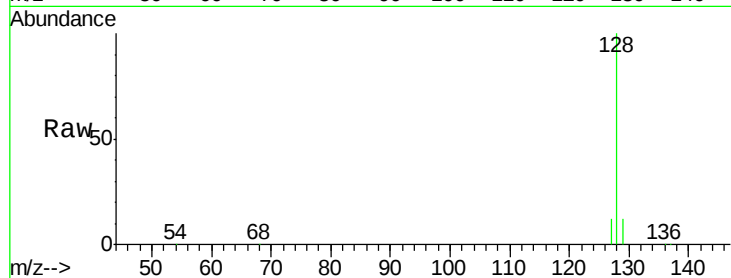
Tgt Ion:128 Resp: 430502

Ion Ratio Lower Upper

128 100

129 11.8 11.3 16.9

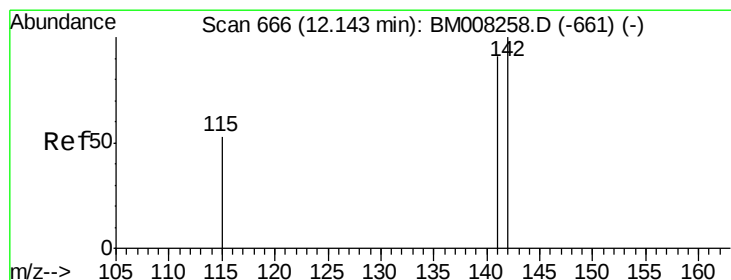
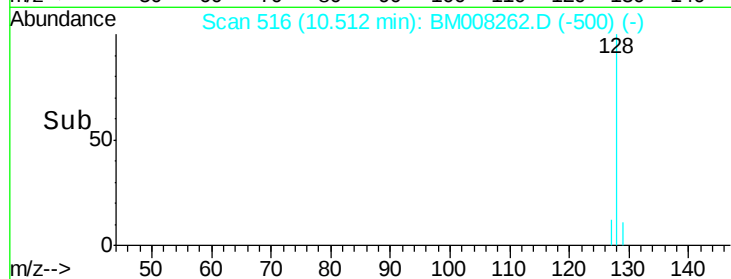
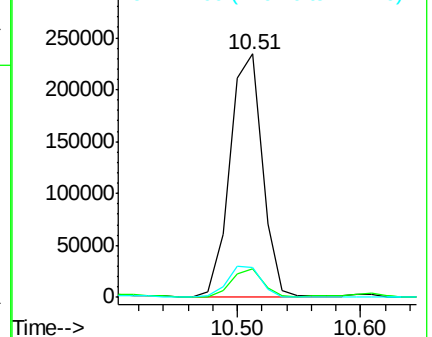
127 12.1 12.8 19.2#



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: 186.07 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM008262.D

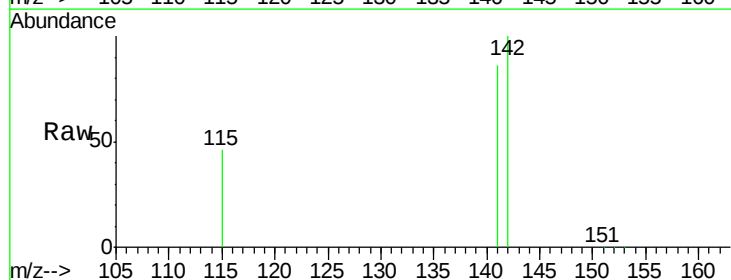
Acq: 12 Dec 2016 14:19

Tgt Ion:142 Resp: 786540

Ion Ratio Lower Upper

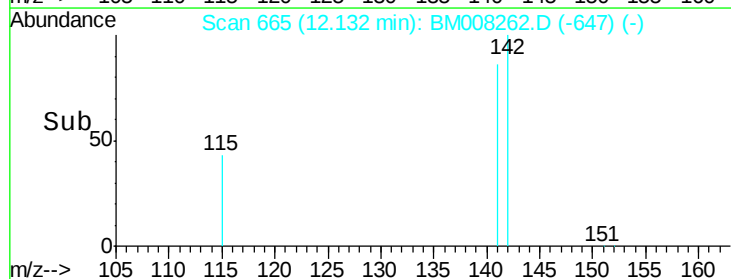
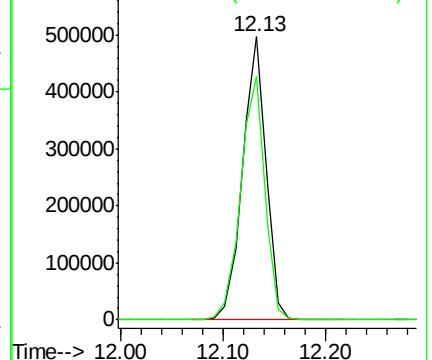
142 100

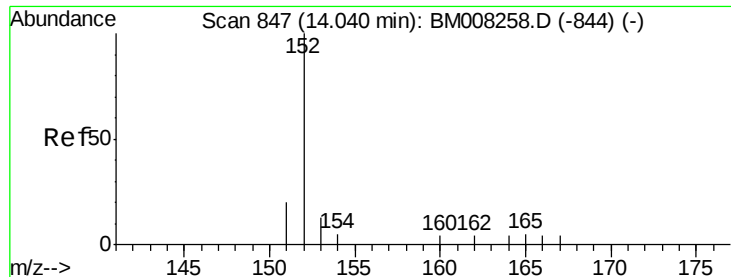
141 89.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.82 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM008262.D

Acq: 12 Dec 2016 14:19

Instrument :

BNA_M

ClientSampleId :

DA817RE

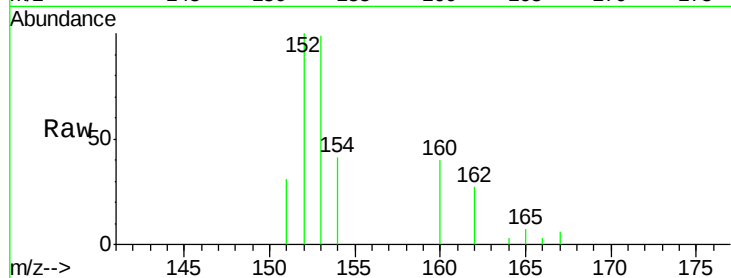
Tgt Ion:152 Resp: 15404

Ion Ratio Lower Upper

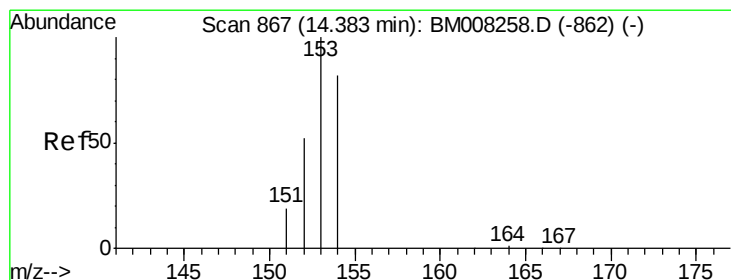
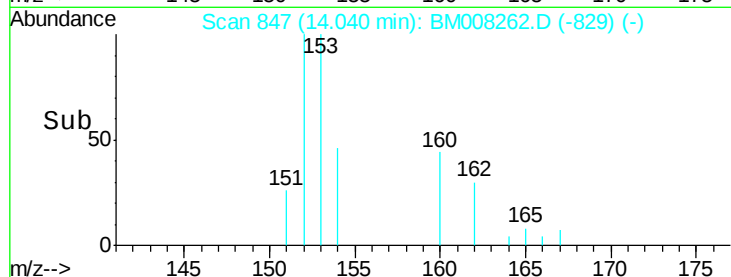
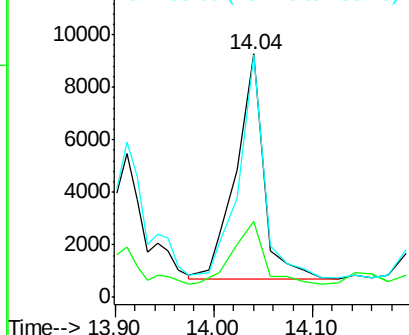
152 100

151 31.2 17.1 25.7#

153 99.3 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: 3.09 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM008262.D

Acq: 12 Dec 2016 14:19

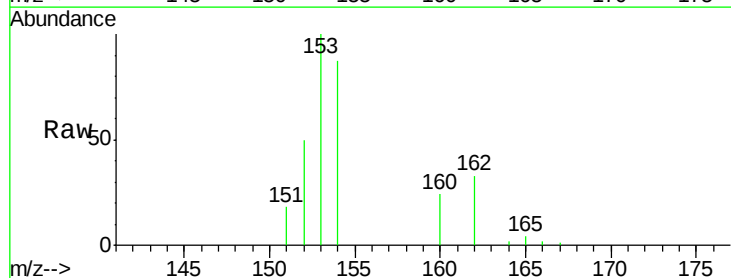
Tgt Ion:153 Resp: 43965

Ion Ratio Lower Upper

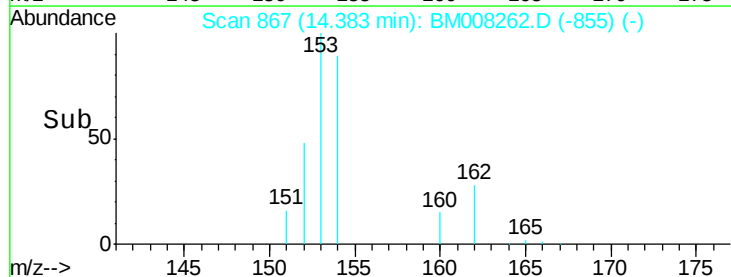
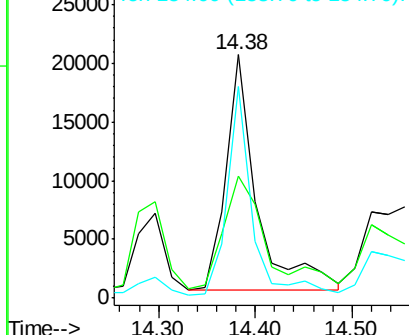
153 100

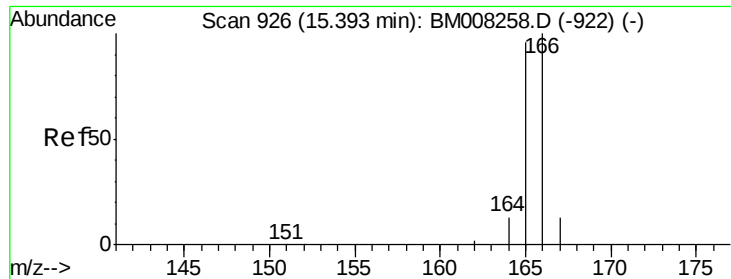
152 50.2 40.3 60.5

154 87.0 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: 5.75 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM008262.D

Acq: 12 Dec 2016 14:19

Instrument :

BNA_M

ClientSampleId :

DA817RE

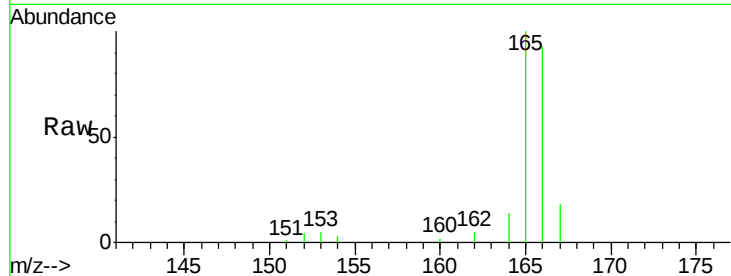
Tgt Ion:166 Resp: 94099

Ion Ratio Lower Upper

166 100

165 107.7 73.4 110.2

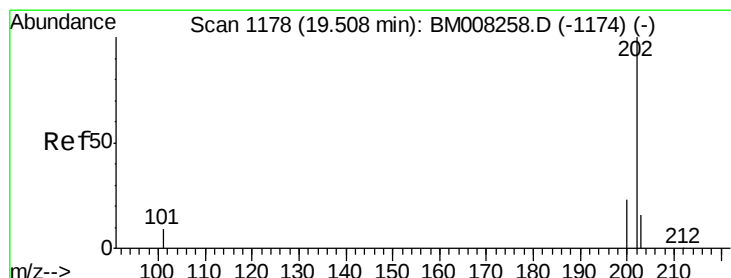
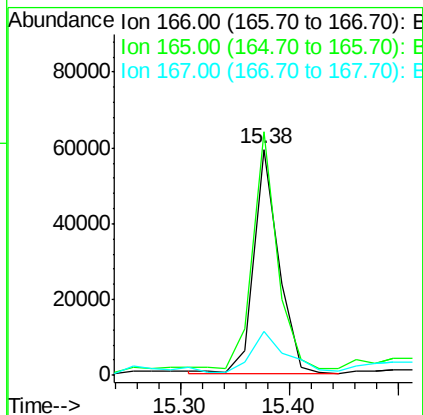
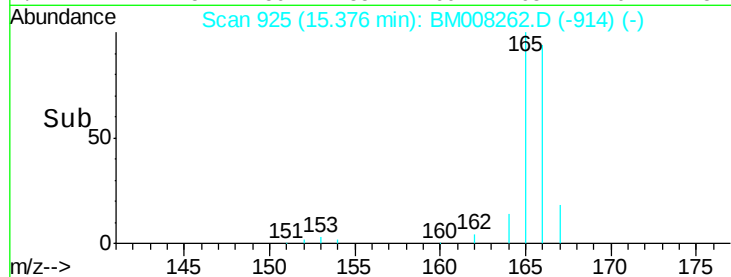
167 19.4 14.6 22.0



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: 0.75 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM008262.D

Acq: 12 Dec 2016 14:19

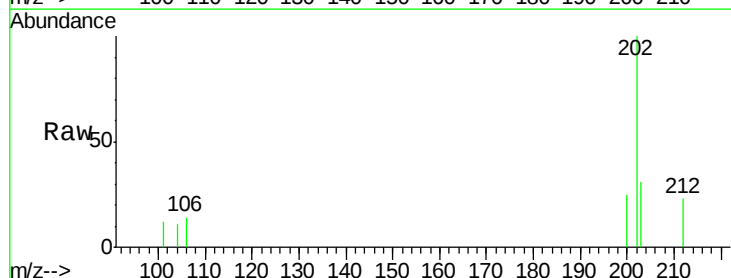
Tgt Ion:202 Resp: 4959

Ion Ratio Lower Upper

202 100

200 24.8 18.2 27.4

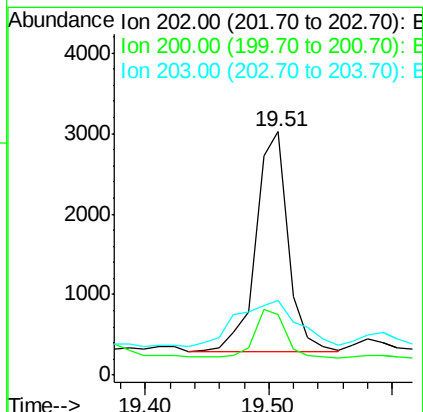
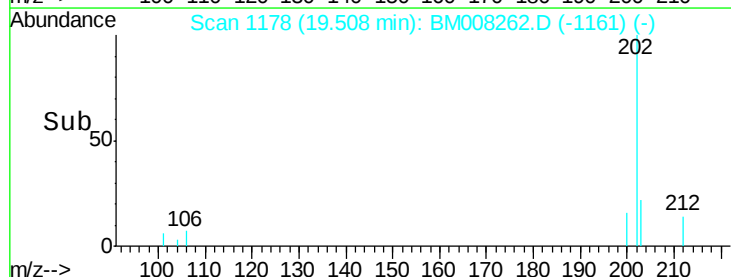
203 30.7 15.6 23.4#

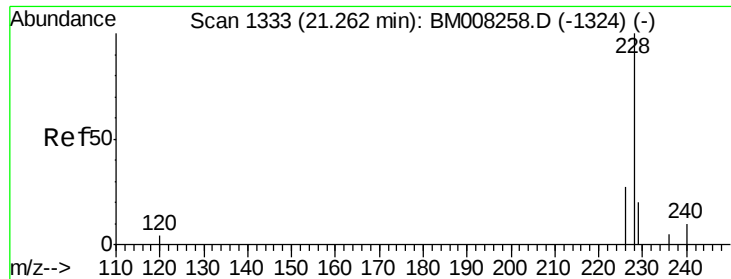


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.16 ng/ul

RT: 21.25 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BM008262.D

Acq: 12 Dec 2016 14:19

Instrument :

BNA_M

ClientSampleId :

DA817RE

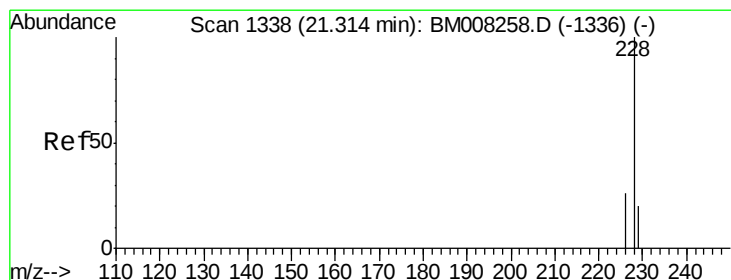
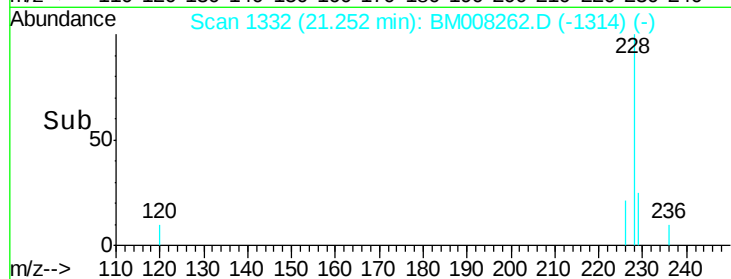
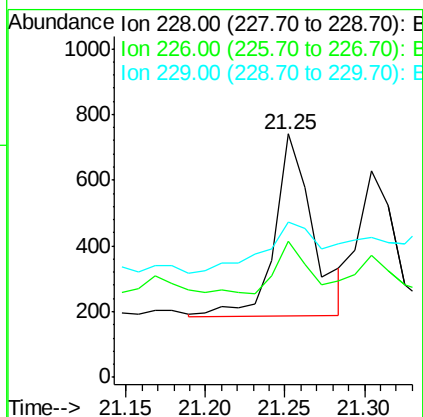
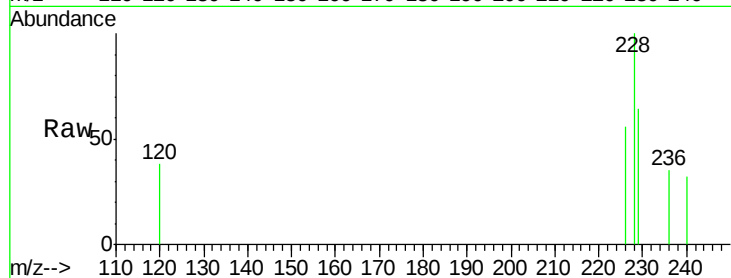
Tgt Ion:228 Resp: 930

Ion Ratio Lower Upper

228 100

226 55.9 22.8 34.2#

229 63.8 17.0 25.6#



#19

Chrysene

Concen: 0.09 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM008262.D

Acq: 12 Dec 2016 14:19

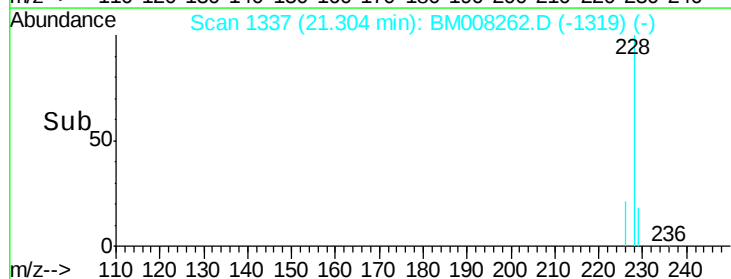
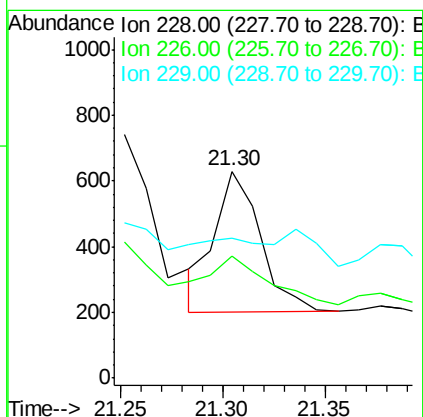
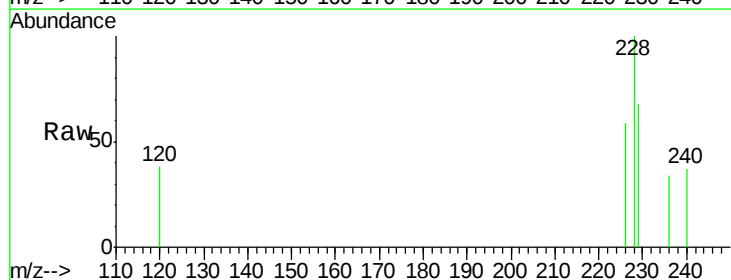
Tgt Ion:228 Resp: 672

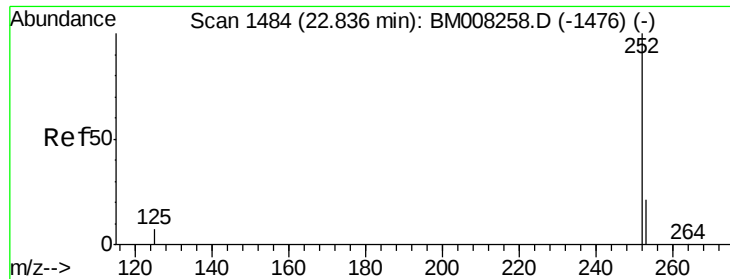
Ion Ratio Lower Upper

228 100

226 58.9 23.4 35.0#

229 67.6 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.09 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BM008262.D

Acq: 12 Dec 2016 14:19

Instrument :

BNA_M

ClientSampleId :

DA817RE

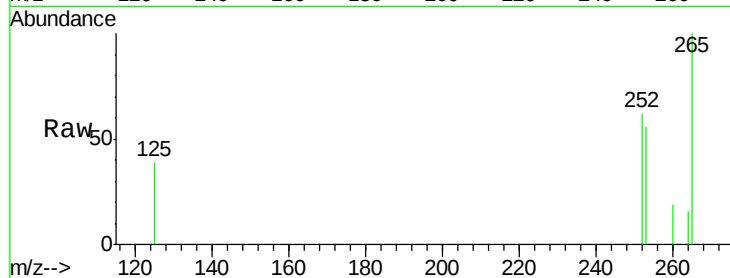
Tgt Ion:252 Resp: 640

Ion Ratio Lower Upper

252 100

253 90.0 0.0 64.2#

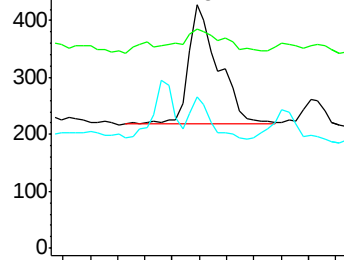
125 62.4 0.0 35.0#



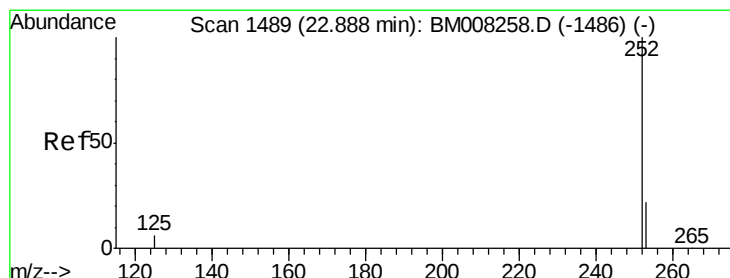
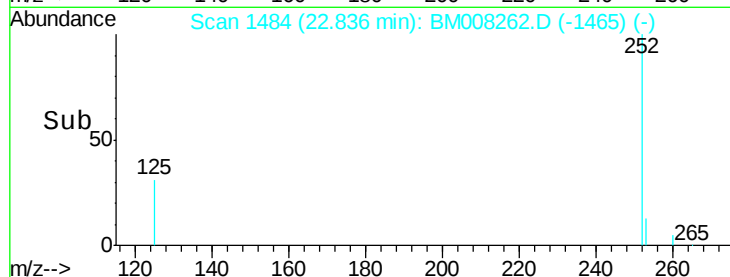
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#22

Benzo(k)fluoranthene

Concen: 0.09 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. -0.05 min

Lab File: BM008262.D

Acq: 12 Dec 2016 14:19

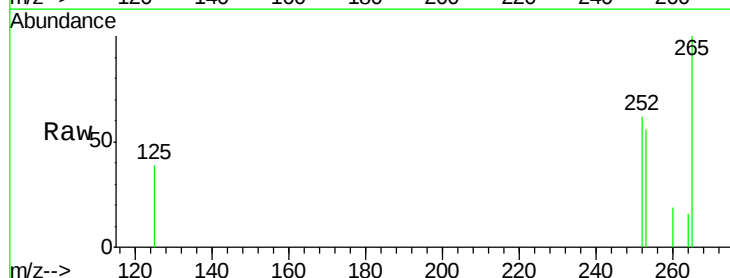
Tgt Ion:252 Resp: 649

Ion Ratio Lower Upper

252 100

253 90.0 24.5 36.7#

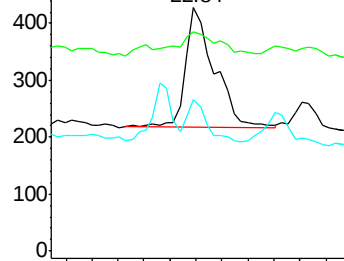
125 62.4 13.7 20.5#



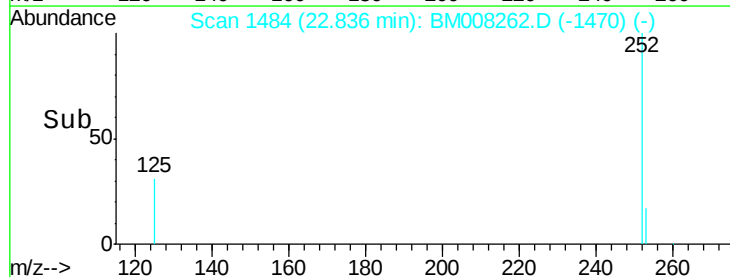
Abundance Ion 252.00 (251.70 to 252.70): E

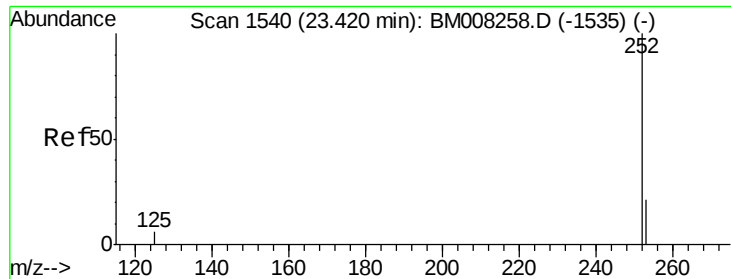
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#23

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 23.41 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BM008262.D

Acq: 12 Dec 2016 14:19

Instrument :

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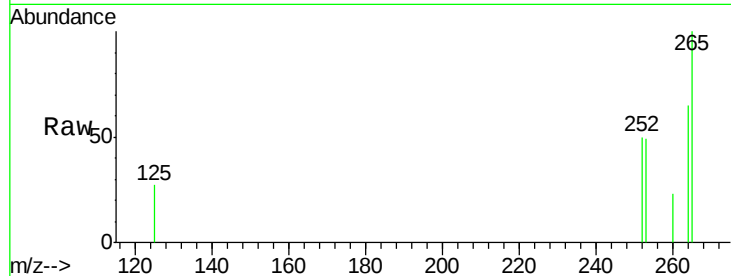
Tgt Ion: 252 Resp: 360

Ion Ratio Lower Upper

252 100

253 98.7 28.5 42.7#

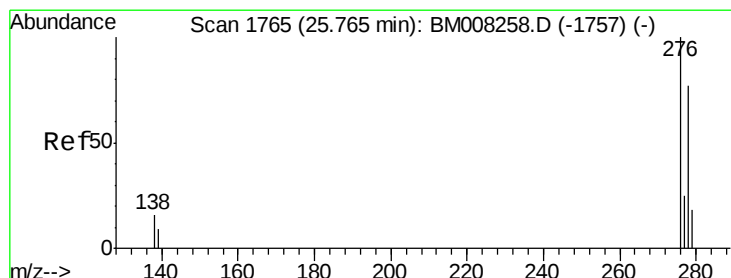
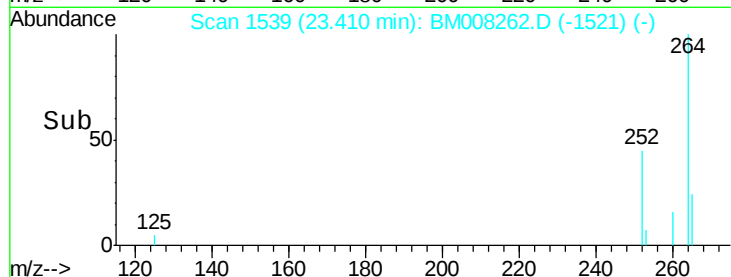
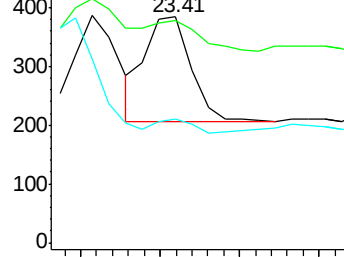
125 54.9 18.1 27.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng/ul

RT: 25.76 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BM008262.D

Acq: 12 Dec 2016 14:19

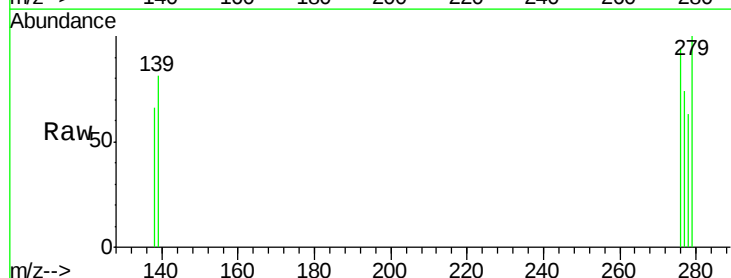
Tgt Ion: 276 Resp: 186

Ion Ratio Lower Upper

276 100

138 51.6 19.1 28.7#

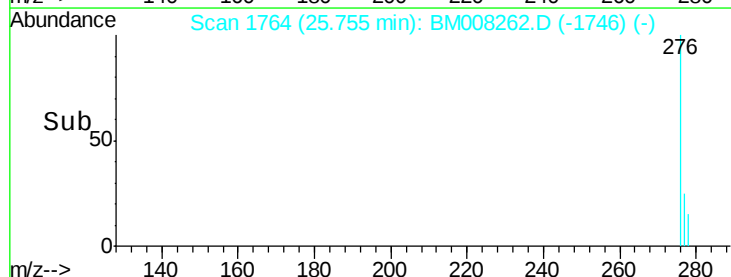
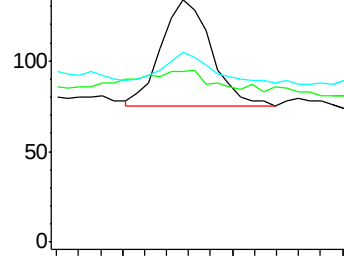
277 33.9 19.6 29.4#

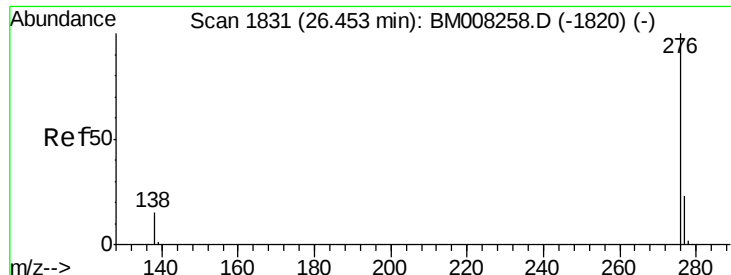


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.02 ng/ul

RT: 26.45 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BM008262.D

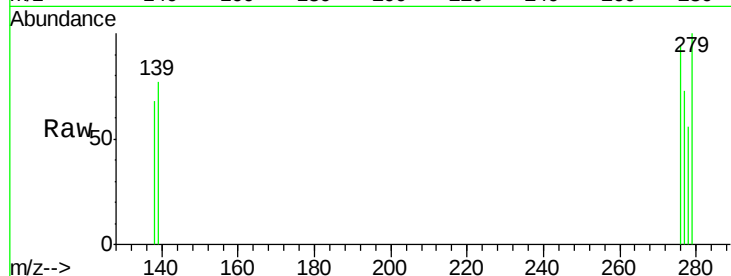
Acq: 12 Dec 2016 14:19

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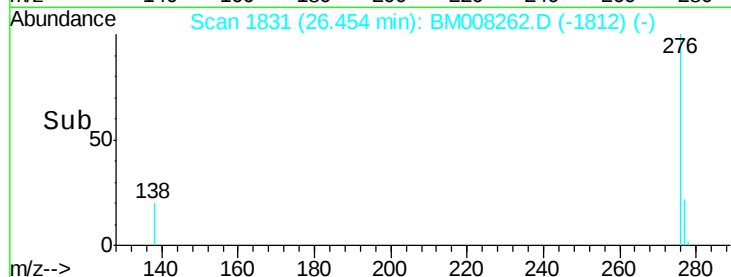
Tgt Ion: 276 Resp: 176

Ion Ratio Lower Upper

276 100

277 77.4 21.8 32.8#

138 72.6 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

