

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008703.D
 Acq On : 28 Dec 2016 20:56
 Operator : UM/SJ
 Sample : H6067-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7F7

Quant Time: Dec 29 03:33:55 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.82
2) Naphthalene-d8	10.43	136	1190	0.40	ng/ul	-0.13
6) Acenaphthene-d10	14.28	164	678	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.14	188	107544	0.40	ng/ul	0.03
16) Chrysene-d12	21.27	240	1423	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	2001	0.40	ng/ul	-0.03

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	493	0.27	ng/ul	-0.08
14) Fluoranthene-d10	19.10	212	1393	0.00	ng/ul	-0.04

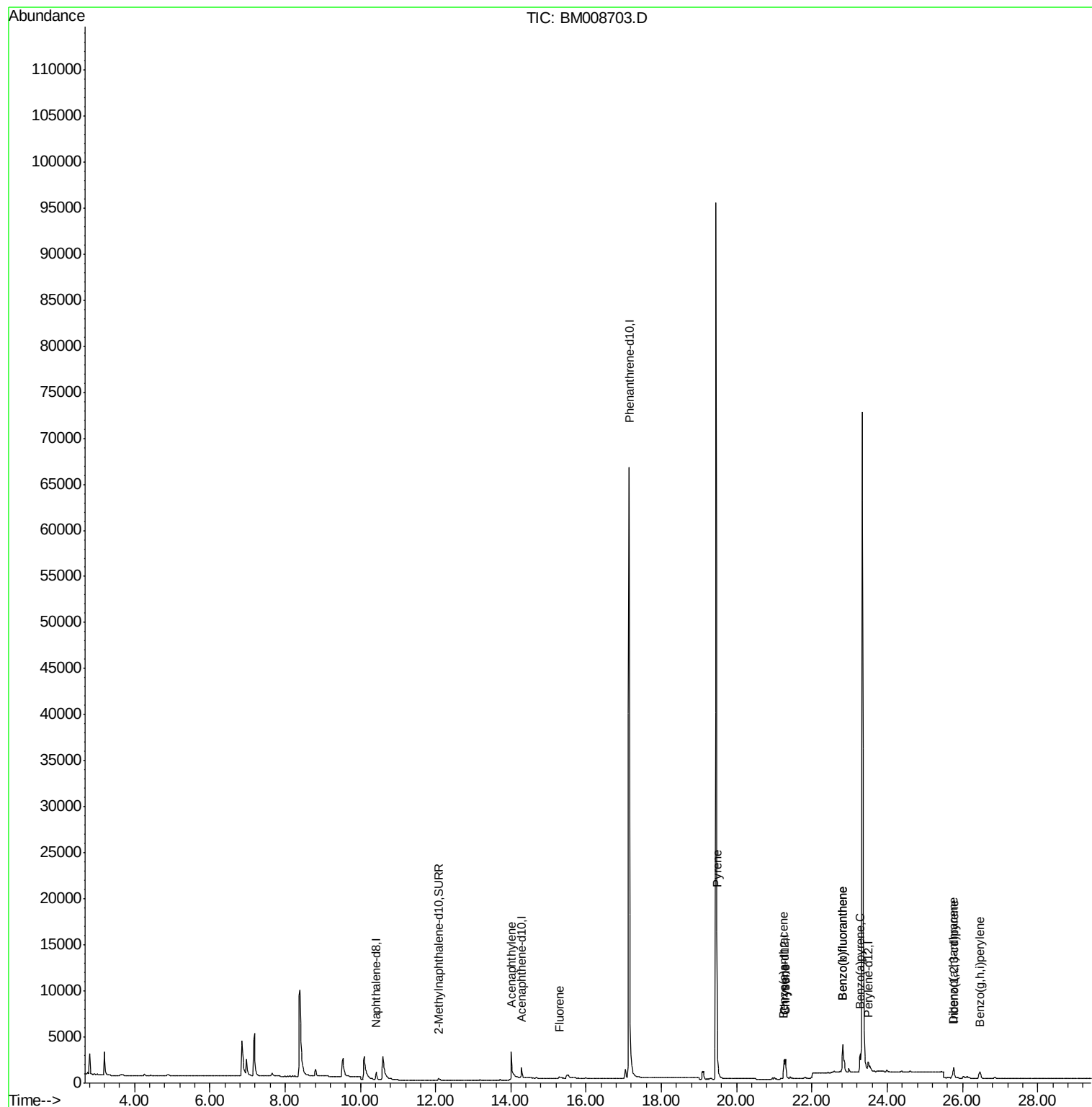
Target Compounds				Qvalue		
7) Acenaphthylene	14.01	152	478	0.16	ng/ul#	78
9) Fluorene	15.29	166	252	0.10	ng/ul#	40
17) Pyrene	19.47	202	1438	0.26	ng/ul#	77
18) Benzo(a)anthracene	21.25	228	1827	0.39	ng/ul#	89
19) Chrysene	21.30	228	2577	0.50	ng/ul#	91
21) Benzo(b)fluoranthene	22.82	252	6763	0.86	ng/ul	92
22) Benzo(k)fluoranthene	22.82	252	6763	0.88	ng/ul#	94
23) Benzo(a)pyrene	23.28	252	3244	0.44	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.77	276	2397	0.28	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.76	278	662	0.10	ng/ul#	39
26) Benzo(g,h,i)perylene	26.45	276	1937	0.26	ng/ul#	93

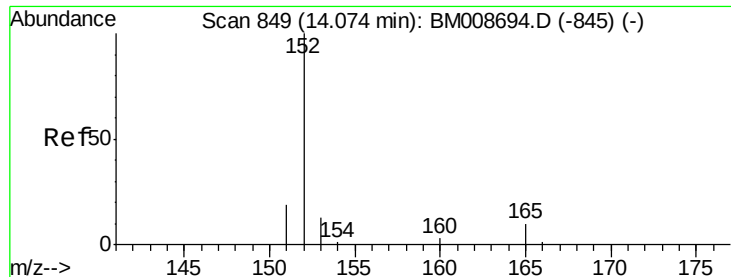
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.16 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.07 min

Lab File: BM008703.D

Acq: 28 Dec 2016 20:56

Instrument :

BNA_M

ClientSampleId :

DA7F7

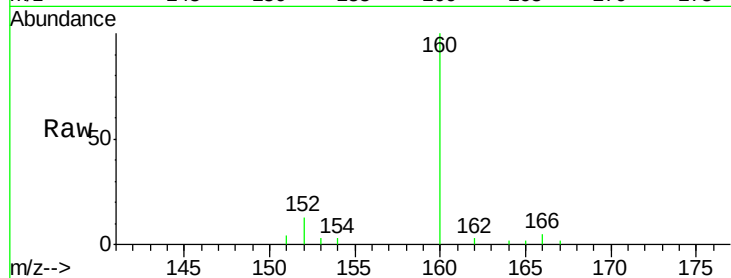
Tgt Ion:152 Resp: 478

Ion Ratio Lower Upper

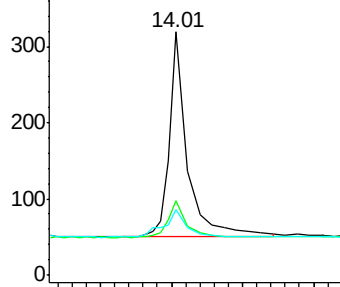
152 100

151 30.7 17.1 25.7#

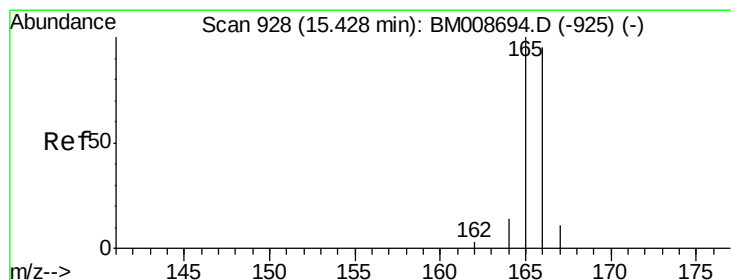
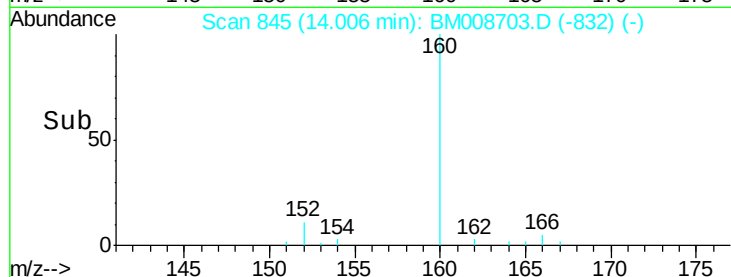
153 27.0 12.8 19.2#



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



Time-->



#9

Fluorene

Concen: 0.10 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.14 min

Lab File: BM008703.D

Acq: 28 Dec 2016 20:56

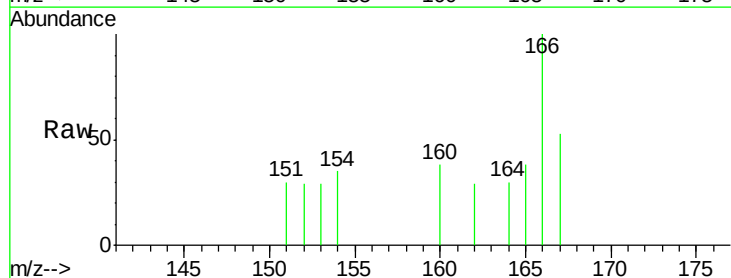
Tgt Ion:166 Resp: 252

Ion Ratio Lower Upper

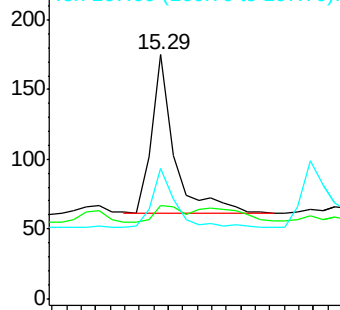
166 100

165 38.3 73.4 110.2#

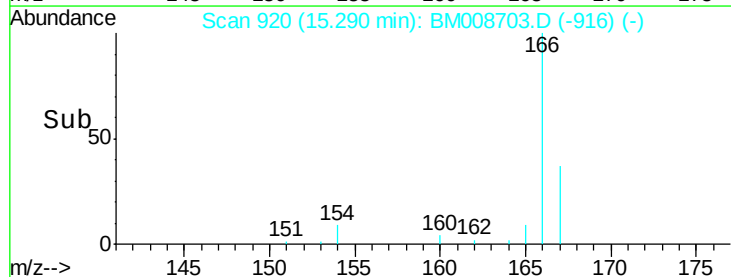
167 53.1 14.6 22.0#

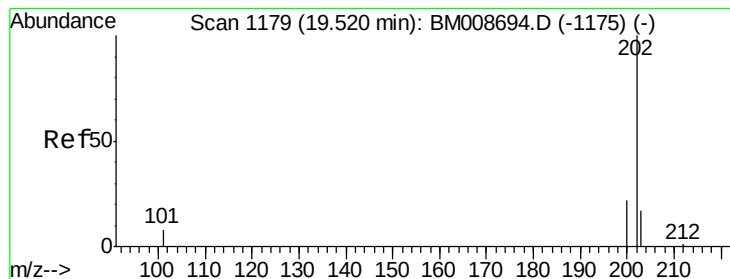


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#17

Pyrene

Concen: 0.26 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.05 min

Lab File: BM008703.D

Acq: 28 Dec 2016 20:56

Instrument :

BNA_M

ClientSampleId :

DA7F7

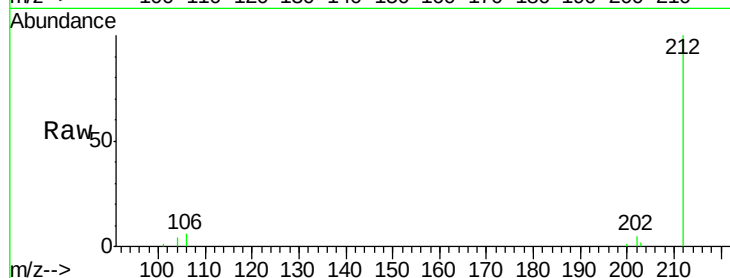
Tgt Ion:202 Resp: 1438

Ion Ratio Lower Upper

202 100

200 28.3 18.2 27.4#

203 36.6 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

19.47

600

400

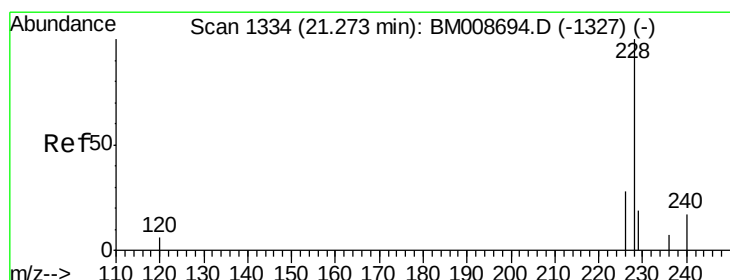
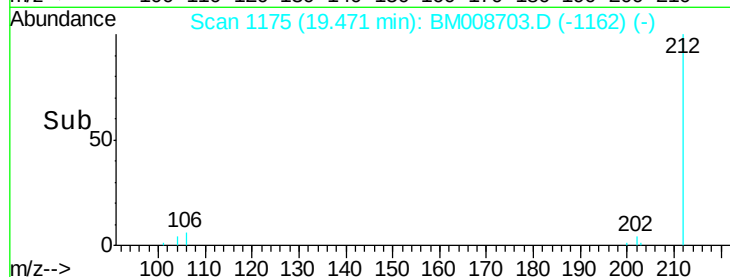
200

0

19.40

19.60

Time-->



#18

Benzo(a)anthracene

Concen: 0.39 ng/ul

RT: 21.25 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BM008703.D

Acq: 28 Dec 2016 20:56

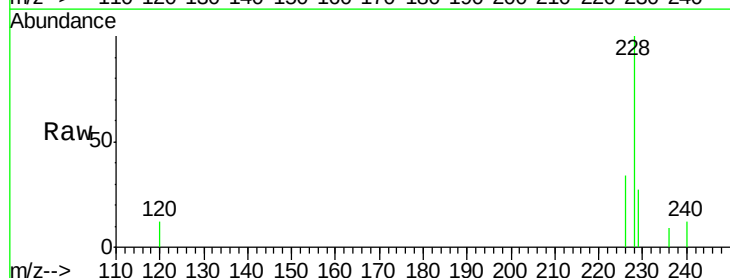
Tgt Ion:228 Resp: 1827

Ion Ratio Lower Upper

228 100

226 34.0 22.8 34.2

229 26.6 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

21.25

1500

1000

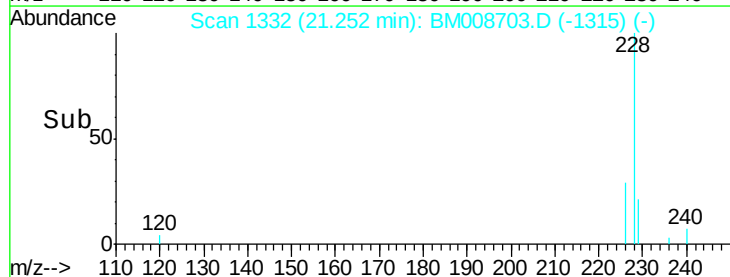
500

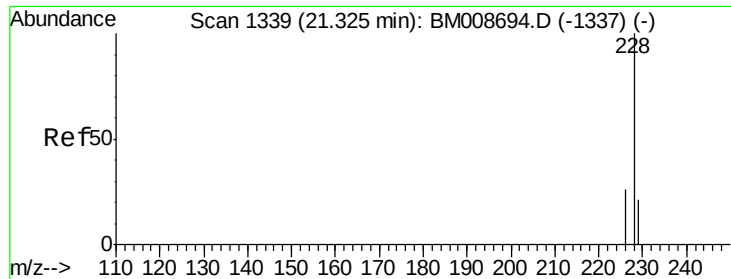
0

21.20

21.25

Time-->





#19

Chrysene

Concen: 0.50 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BM008703.D

Acq: 28 Dec 2016 20:56

Instrument :

BNA_M

ClientSampleId :

DA7F7

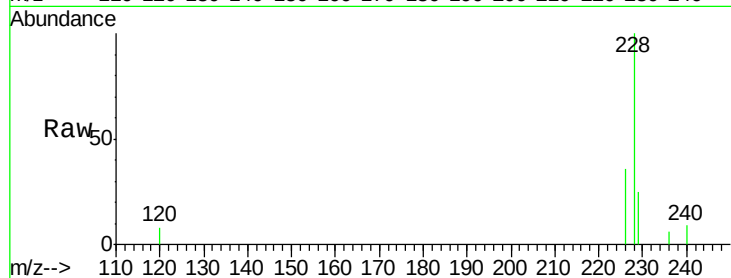
Tgt Ion:228 Resp: 2577

Ion Ratio Lower Upper

228 100

226 35.6 23.4 35.0#

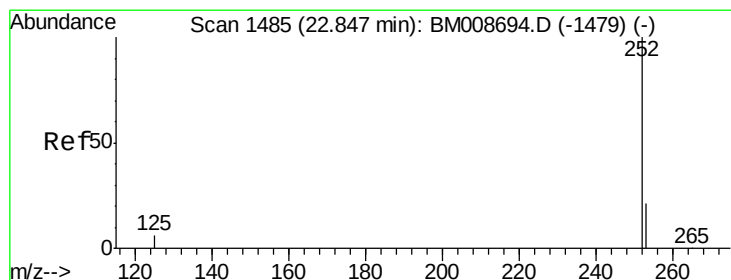
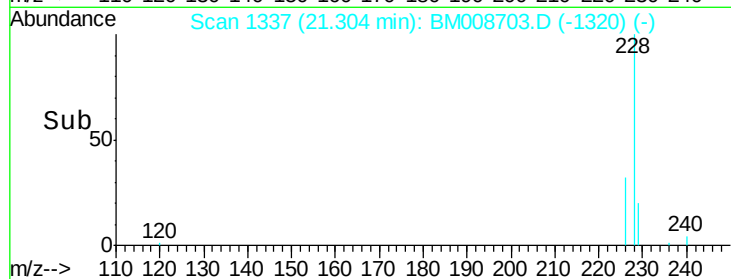
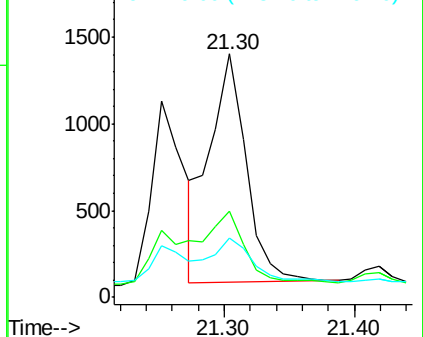
229 24.5 17.7 26.5



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: 0.86 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.03 min

Lab File: BM008703.D

Acq: 28 Dec 2016 20:56

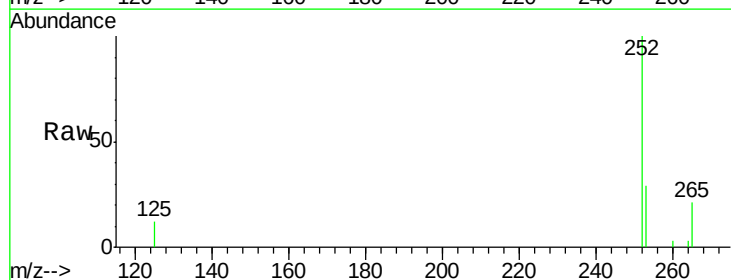
Tgt Ion:252 Resp: 6763

Ion Ratio Lower Upper

252 100

253 28.6 0.0 64.2

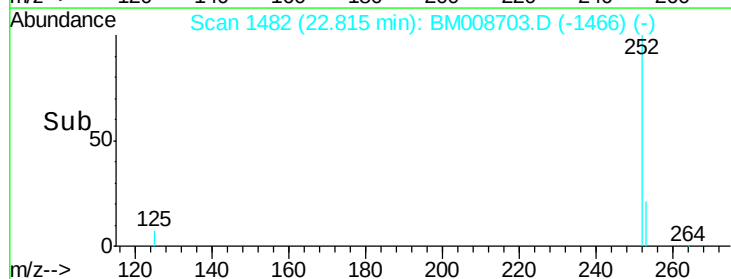
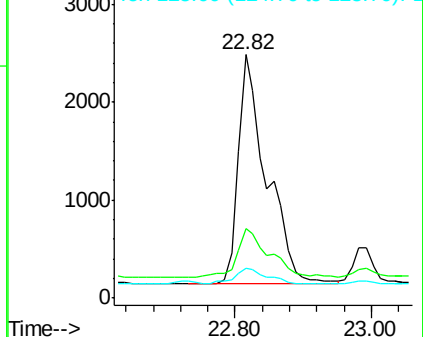
125 12.5 0.0 35.0

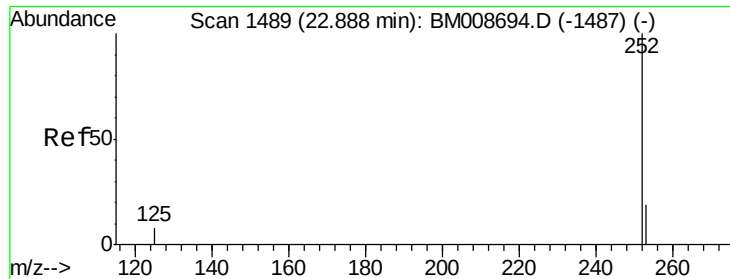


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.88 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.07 min

Lab File: BM008703.D

Acq: 28 Dec 2016 20:56

Instrument :

BNA_M

ClientSampleId :

DA7F7

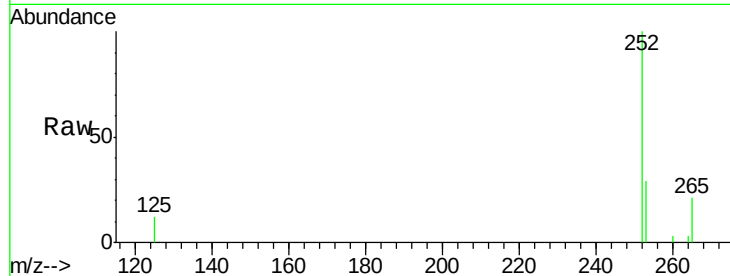
Tgt Ion:252 Resp: 6763

Ion Ratio Lower Upper

252 100

253 28.6 24.5 36.7

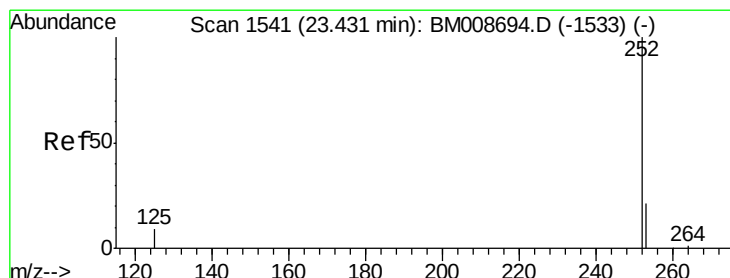
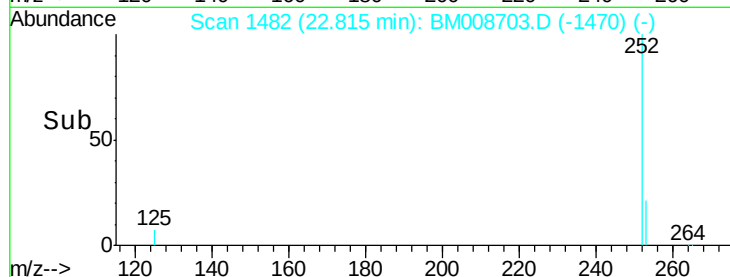
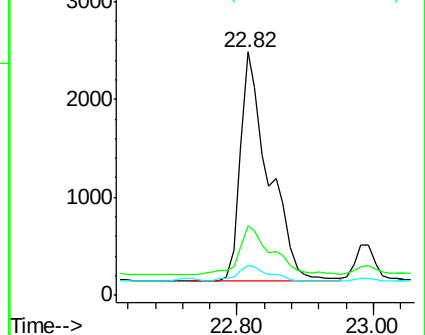
125 12.5 13.7 20.5#



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: 0.44 ng/ul

RT: 23.28 min Scan# 1527

Delta R.T. -0.15 min

Lab File: BM008703.D

Acq: 28 Dec 2016 20:56

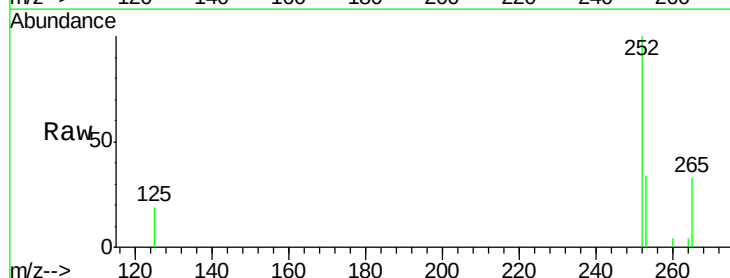
Tgt Ion:252 Resp: 3244

Ion Ratio Lower Upper

252 100

253 33.6 28.5 42.7

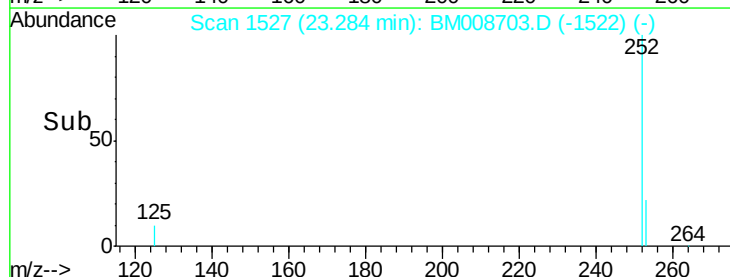
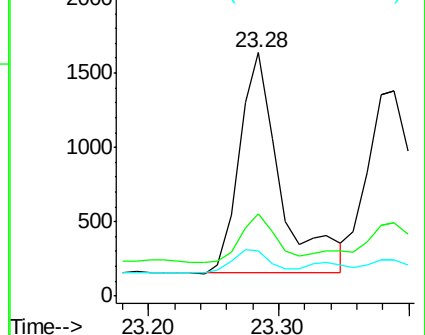
125 18.7 18.1 27.1

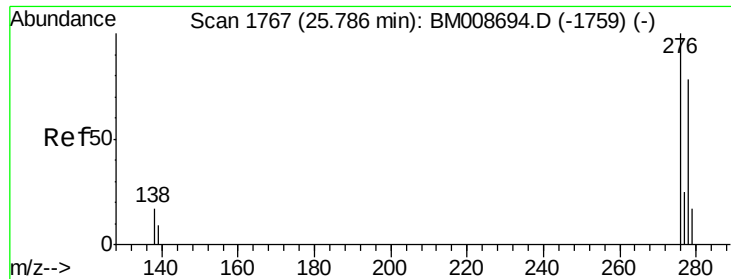


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.28 ng/ul

RT: 25.77 min Scan# 1765

Delta R.T. -0.02 min

Lab File: BM008703.D

Acq: 28 Dec 2016 20:56

Instrument :

BNA_M

ClientSampleId :

DA7F7

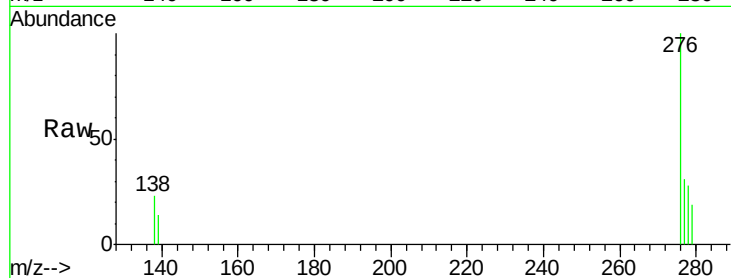
Tgt Ion:276 Resp: 2397

Ion Ratio Lower Upper

276 100

138 14.7 19.1 28.7#

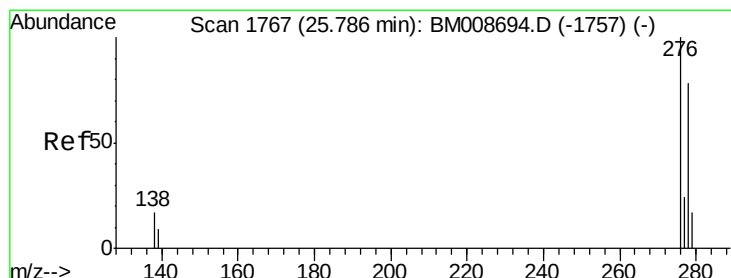
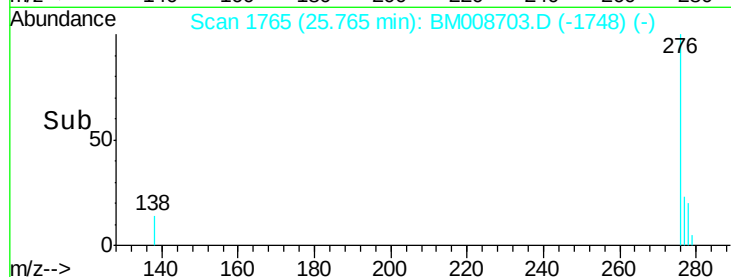
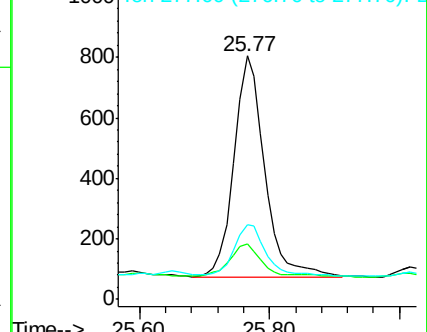
277 23.5 19.6 29.4



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: 0.10 ng/ul

RT: 25.76 min Scan# 1764

Delta R.T. -0.03 min

Lab File: BM008703.D

Acq: 28 Dec 2016 20:56

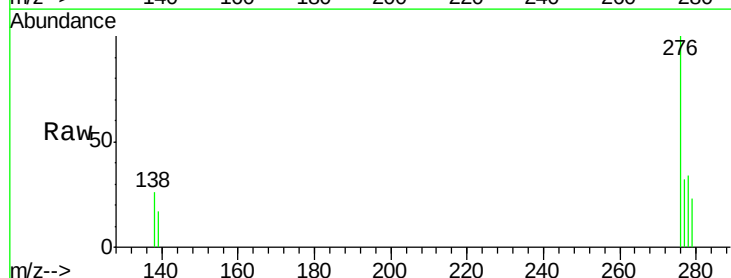
Tgt Ion:278 Resp: 662

Ion Ratio Lower Upper

278 100

139 49.1 17.4 26.0#

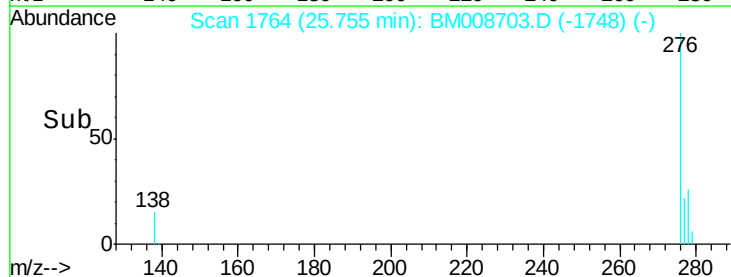
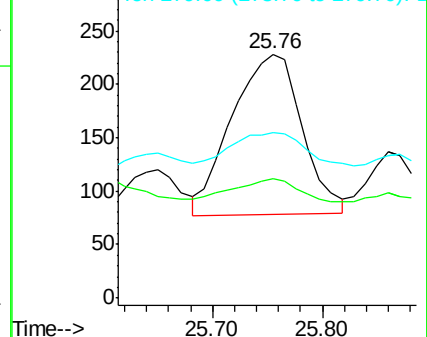
279 68.0 25.9 38.9#

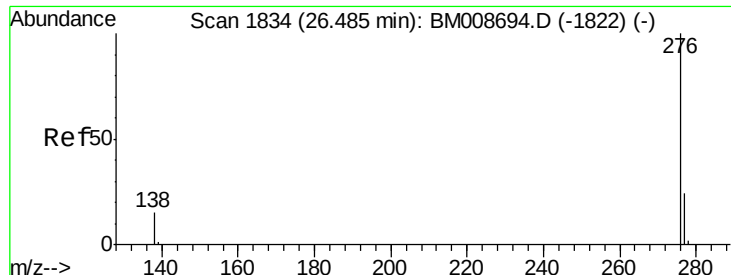


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.26 ng/ul

RT: 26.45 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BM008703.D

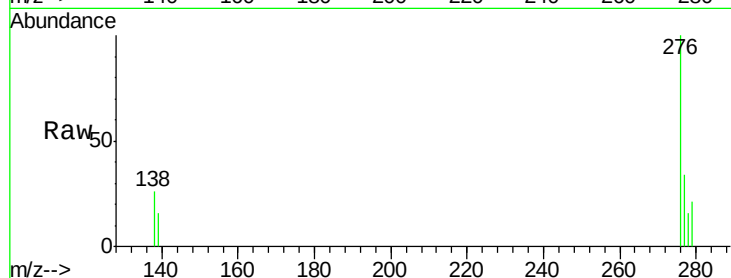
Acq: 28 Dec 2016 20:56

Instrument :

BNA_M

ClientSampleId :

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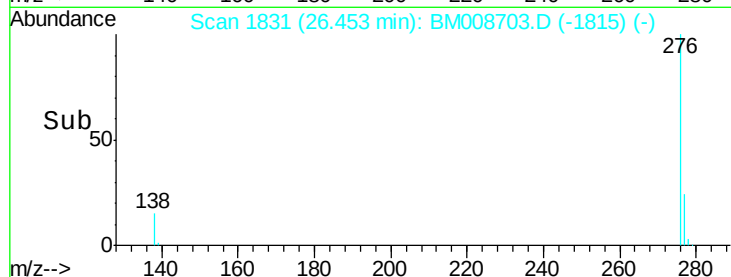
Tgt Ion: 276 Resp: 1937

Ion Ratio Lower Upper

276 100

277 34.3 21.8 32.8#

138 25.8 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

