

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008657.D
 Acq On : 25 Dec 2016 06:03
 Operator : UM/SJ
 Sample : H5995-16DL 5X
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA884DL

Quant Time: Dec 26 01:00:39 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

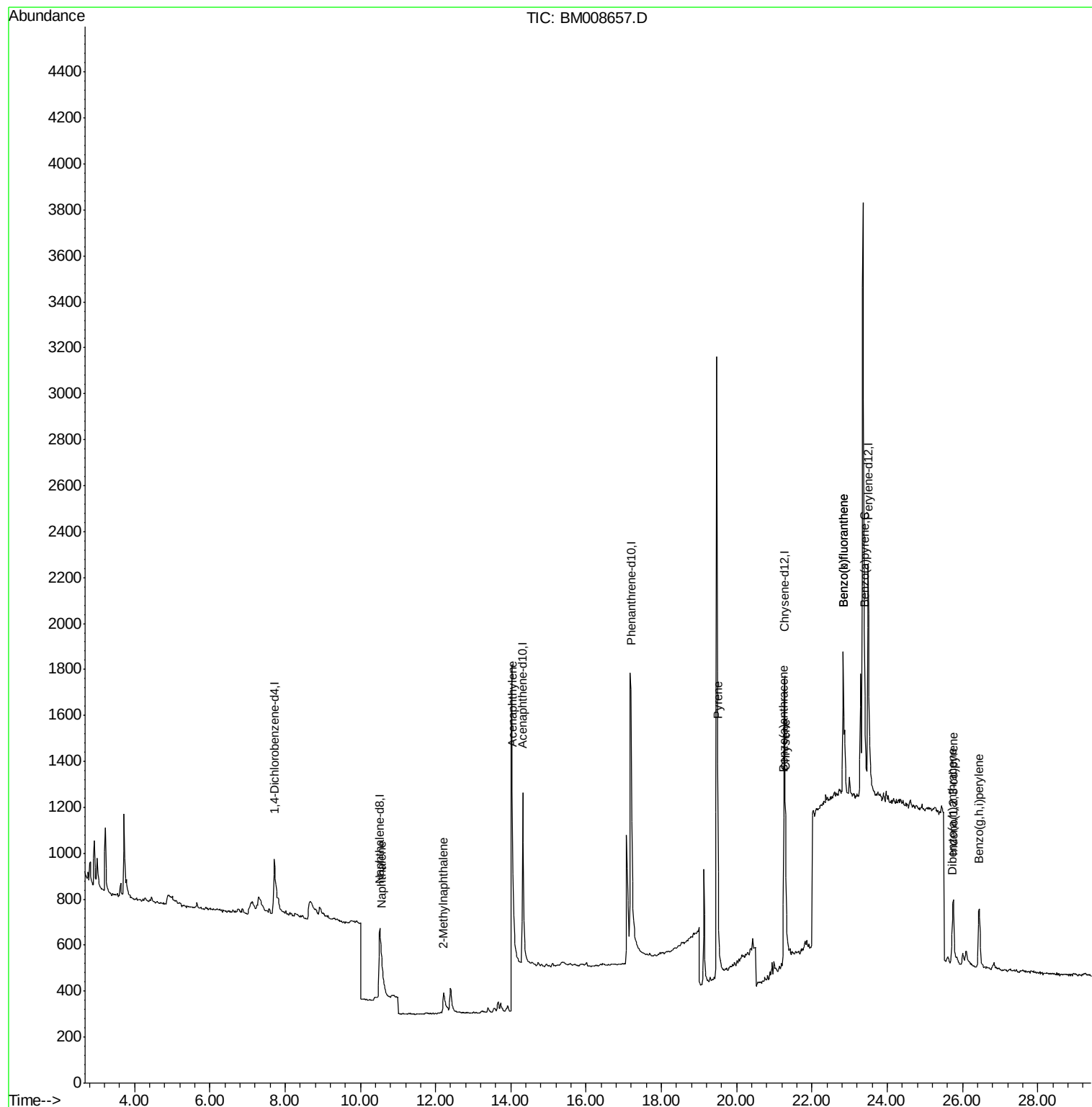
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	379	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.52	136	1052	0.40	ng/ul	0.05
6) Acenaphthene-d10	14.31	164	718	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.19	188	2573	0.40	ng/ul	0.12
16) Chrysene-d12	21.27	240	1484	0.40	ng/ul	0.01
20) Perylene-d12	23.49	264	1612	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.14	152	19	0.01	ng/ul	0.06
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
3) Naphthalene	10.56	128	147	0.05	ng/ul#	1
5) 2-Methylnaphthalene	12.22	142	172	0.09	ng/ul	88
7) Acenaphthylene	14.04	152	82	0.03	ng/ul#	1
17) Pyrene	19.50	202	804	0.14	ng/ul#	80
18) Benzo(a)anthracene	21.25	228	680	0.14	ng/ul#	63
19) Chrysene	21.30	228	723	0.14	ng/ul#	73
21) Benzo(b)fluoranthene	22.83	252	1525	0.24	ng/ul#	52
22) Benzo(k)fluoranthene	22.83	252	1525	0.25	ng/ul#	49
23) Benzo(a)pyrene	23.40	252	604	0.10	ng/ul#	31
24) Indeno(1,2,3-cd)pyrene	25.76	276	605	0.09	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.73	278	161	0.03	ng/ul#	1
26) Benzo(g,h,i)perylene	26.44	276	644	0.11	ng/ul#	58

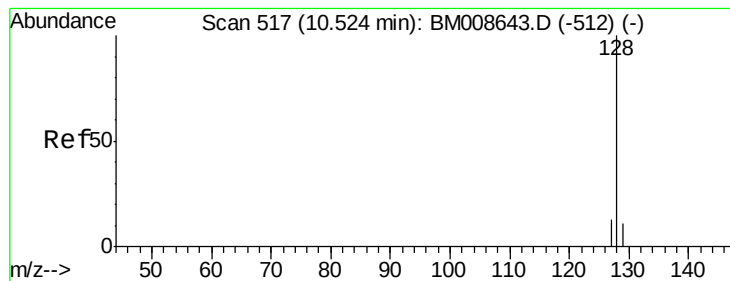
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.05 ng/ul

RT: 10.56 min Scan# 520

Delta R.T. 0.04 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

Instrument :

BNA_M

ClientSampleId :

DA884DL

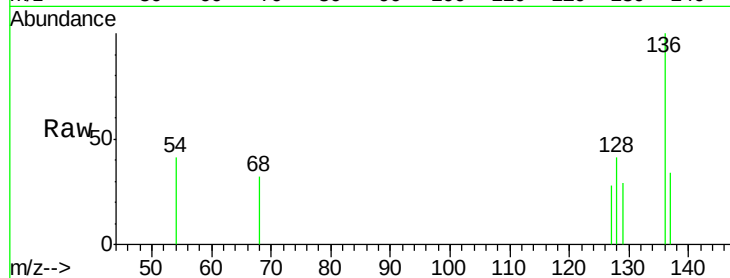
Tgt Ion:128 Resp: 147

Ion Ratio Lower Upper

128 100

129 71.1 11.3 16.9#

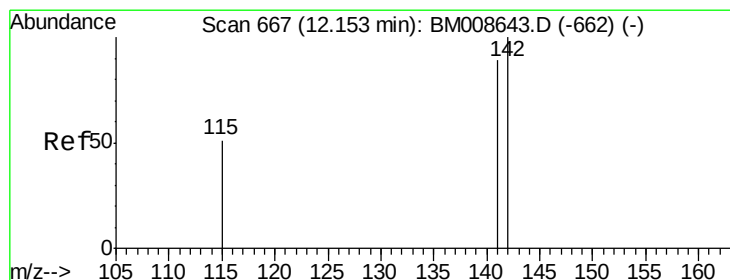
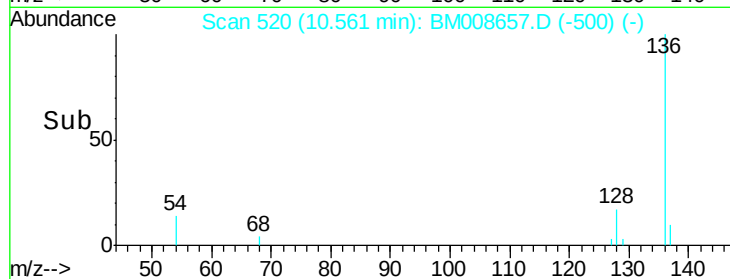
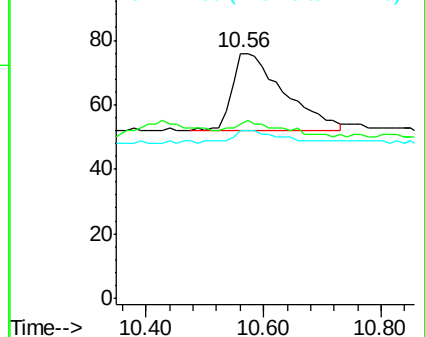
127 68.4 12.8 19.2#



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: 0.09 ng/ul

RT: 12.22 min Scan# 673

Delta R.T. 0.06 min

Lab File: BM008657.D

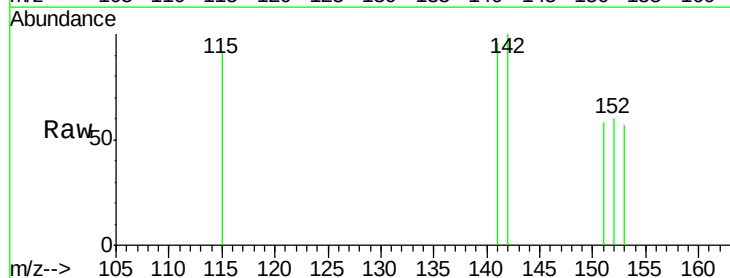
Acq: 25 Dec 2016 06:03

Tgt Ion:142 Resp: 172

Ion Ratio Lower Upper

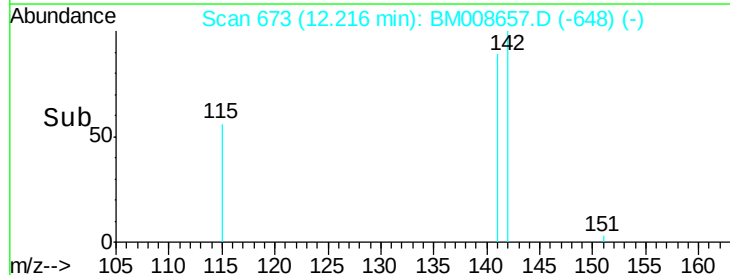
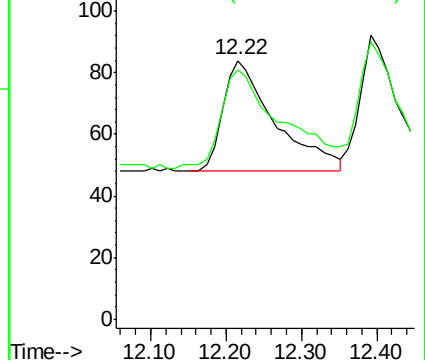
142 100

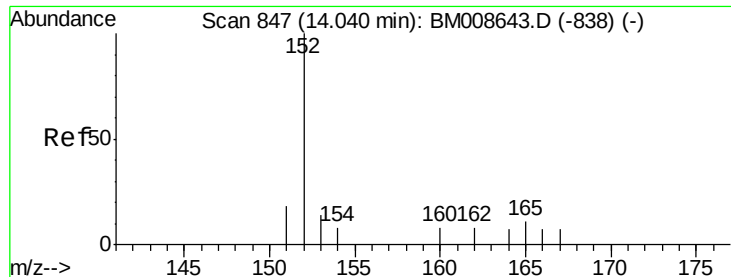
141 101.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

Instrument :

BNA_M

ClientSampleId :

DA884DL

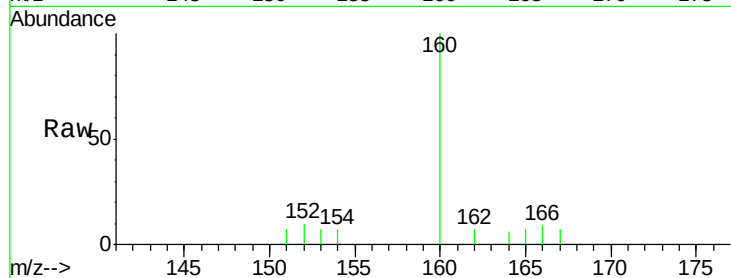
Tgt Ion:152 Resp: 82

Ion Ratio Lower Upper

152 100

151 73.0 17.1 25.7#

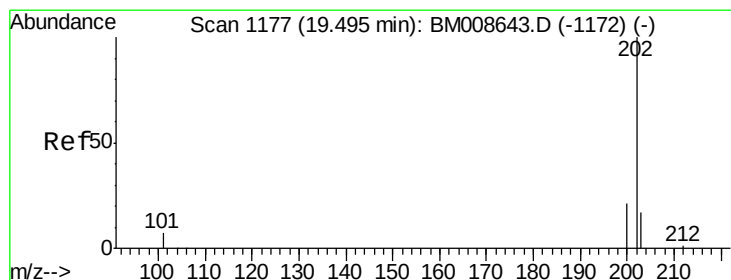
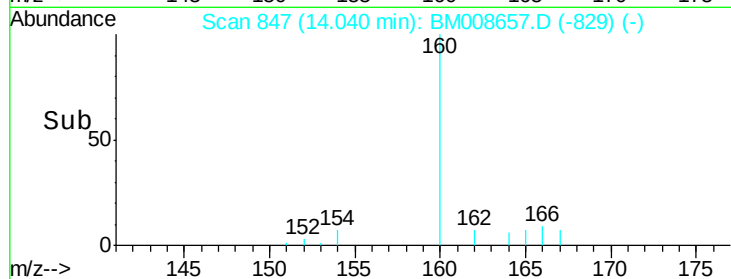
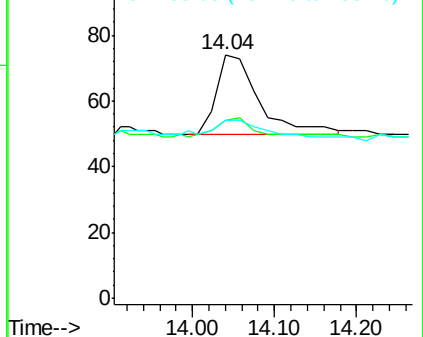
153 73.0 12.8 19.2#



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



#17

Pyrene

Concen: 0.14 ng/ul

RT: 19.50 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

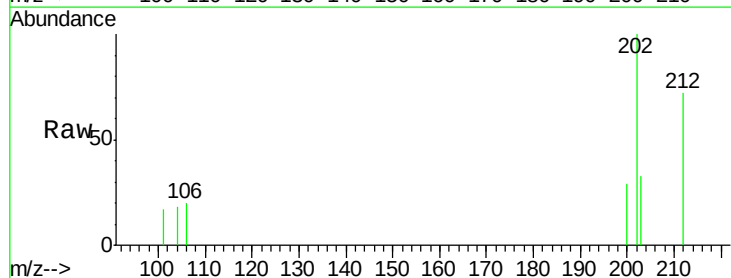
Tgt Ion:202 Resp: 804

Ion Ratio Lower Upper

202 100

200 29.2 18.2 27.4#

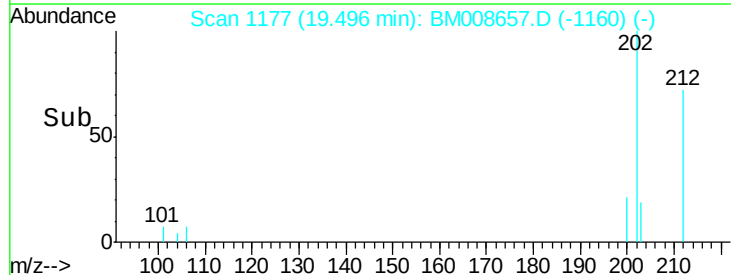
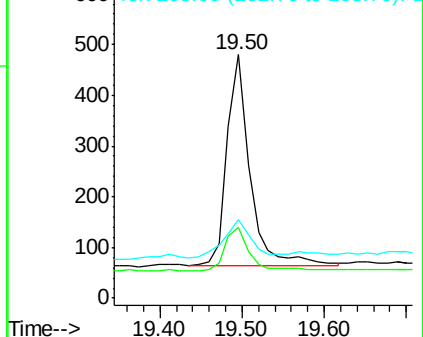
203 32.5 15.6 23.4#

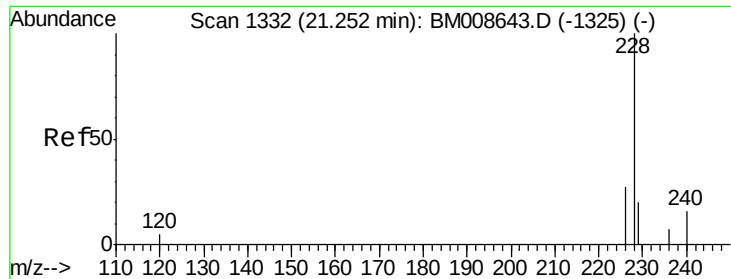


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.14 ng/ul

RT: 21.25 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

Instrument :

BNA_M

ClientSampleId :

DA884DL

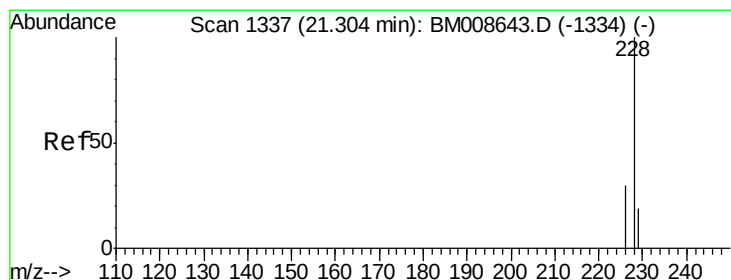
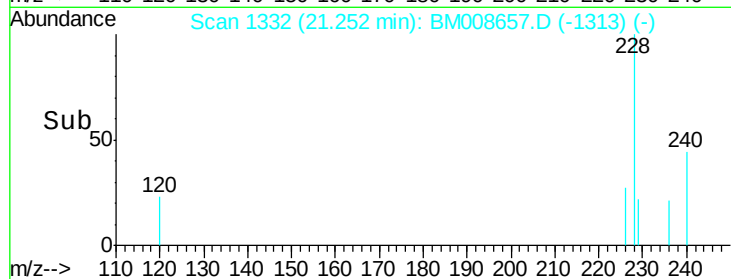
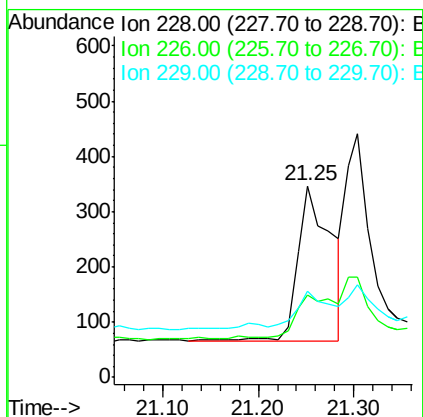
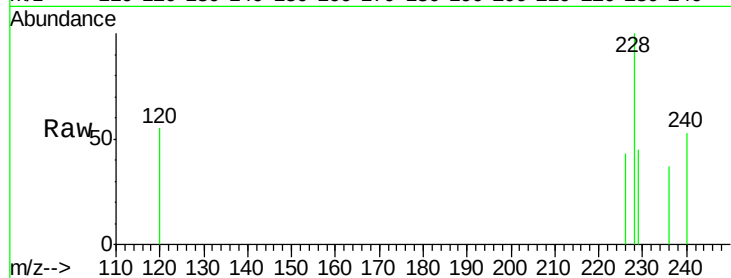
Tgt Ion:228 Resp: 680

Ion Ratio Lower Upper

228 100

226 42.9 22.8 34.2#

229 44.7 17.0 25.6#



#19

Chrysene

Concen: 0.14 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

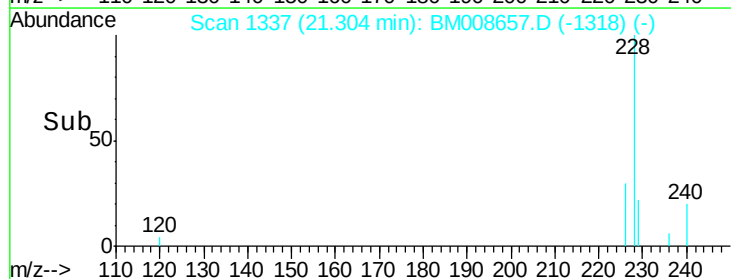
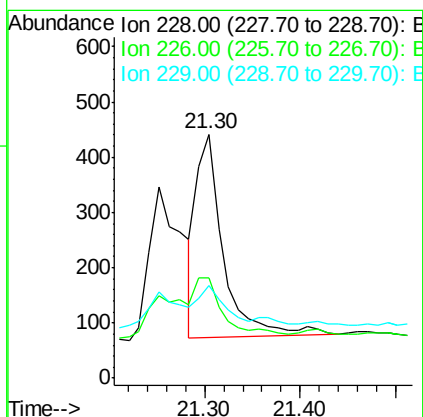
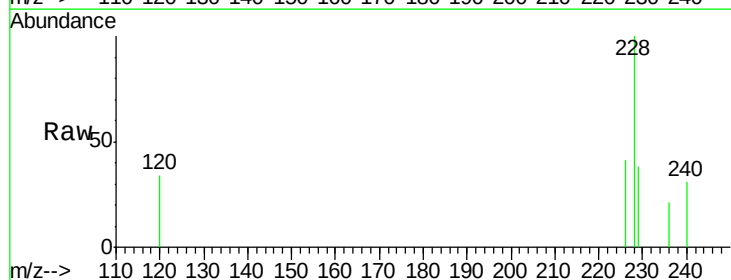
Tgt Ion:228 Resp: 723

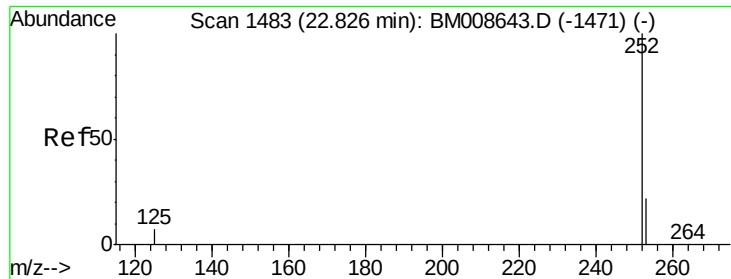
Ion Ratio Lower Upper

228 100

226 41.0 23.4 35.0#

229 37.9 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.24 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

Instrument :

BNA_M

ClientSampleId :

DA884DL

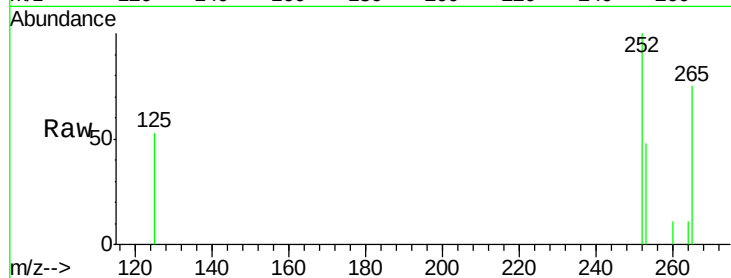
Tgt Ion:252 Resp: 1525

Ion Ratio Lower Upper

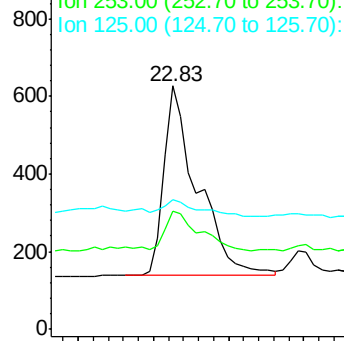
252 100

253 48.5 0.0 64.2

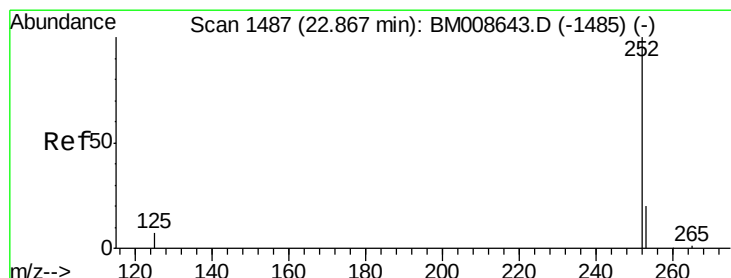
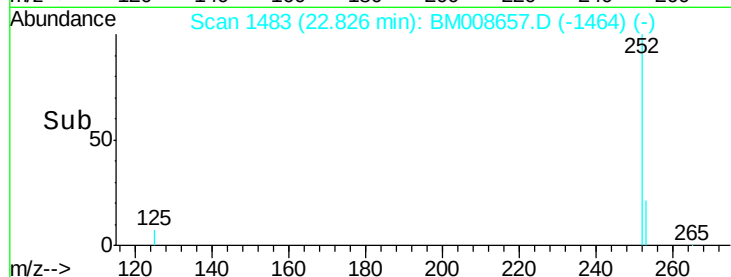
125 53.4 0.0 35.0#



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--> 22.70 22.80 22.90 23.00



#22

Benzo(k)fluoranthene

Concen: 0.25 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. -0.04 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

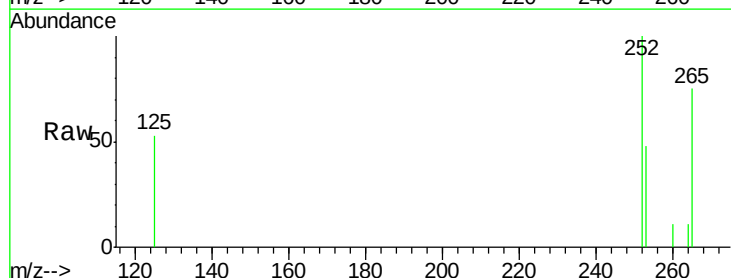
Tgt Ion:252 Resp: 1525

Ion Ratio Lower Upper

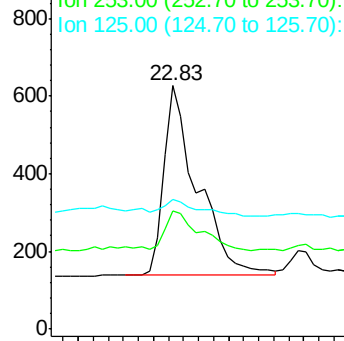
252 100

253 48.5 24.5 36.7#

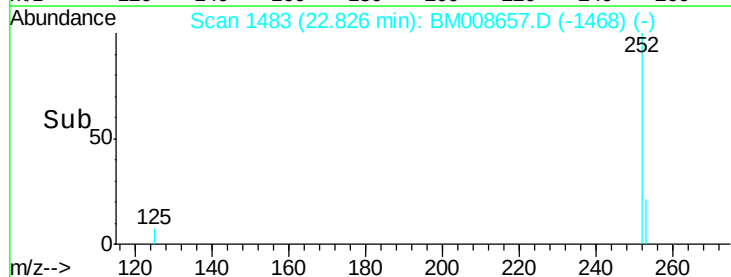
125 53.4 13.7 20.5#

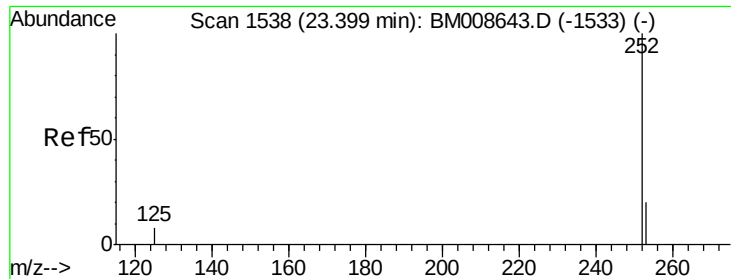


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 22.70 22.80 22.90 23.00





#23

Benzo(a)pyrene

Concen: 0.10 ng/ul

RT: 23.40 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

Instrument :

BNA_M

ClientSampleId :

DA884DL

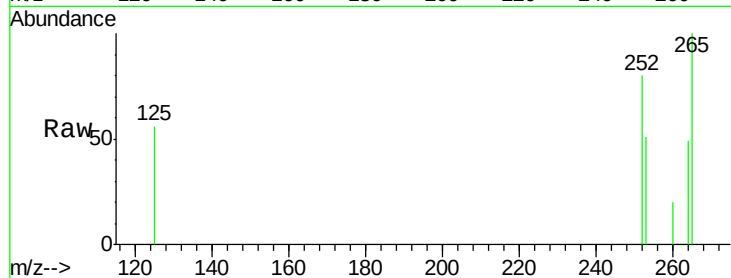
Tgt Ion: 252 Resp: 604

Ion Ratio Lower Upper

252 100

253 64.4 28.5 42.7#

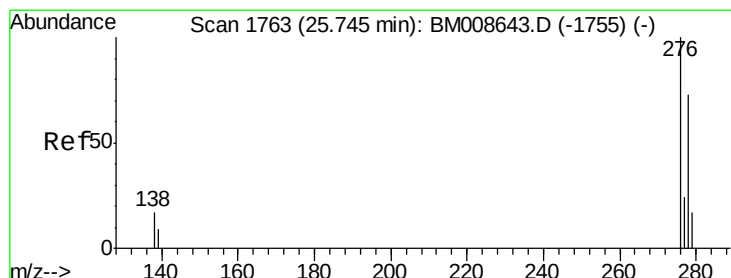
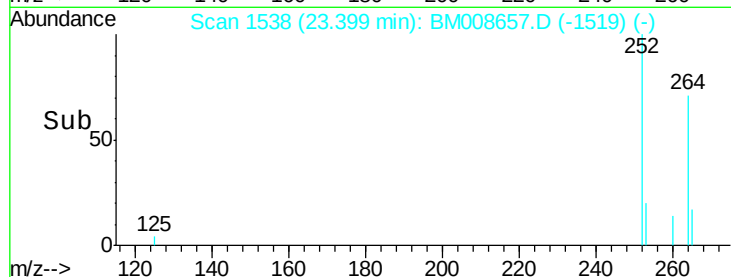
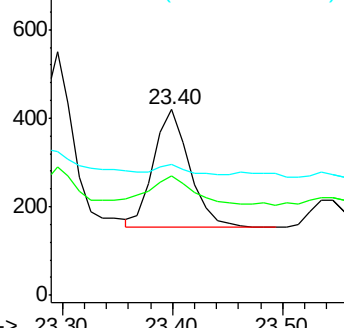
125 70.4 18.1 27.1#



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: 0.09 ng/ul

RT: 25.76 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

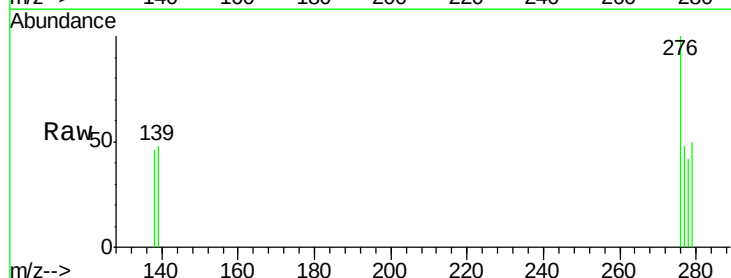
Tgt Ion: 276 Resp: 605

Ion Ratio Lower Upper

276 100

138 17.0 19.1 28.7#

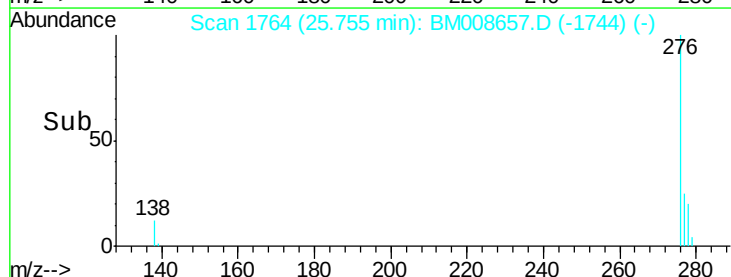
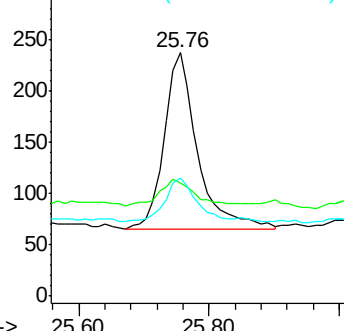
277 24.0 19.6 29.4

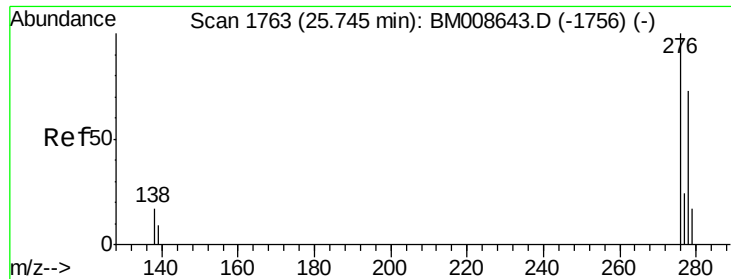


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.03 ng/ul

RT: 25.73 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

Instrument :

BNA_M

ClientSampleId :

DA884DL

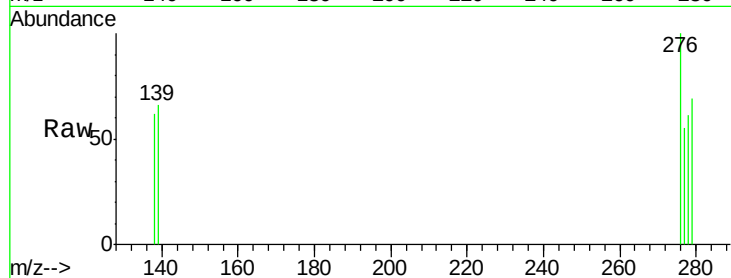
Tgt Ion:278 Resp: 161

Ion Ratio Lower Upper

278 100

139 108.6 17.4 26.0#

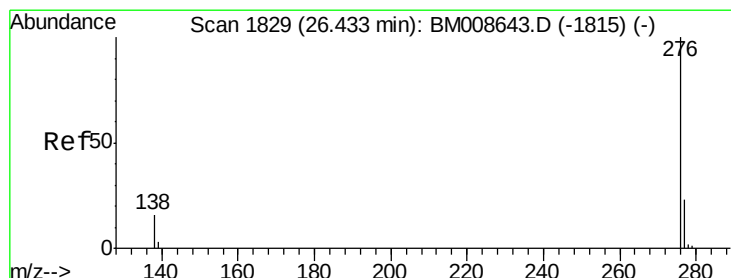
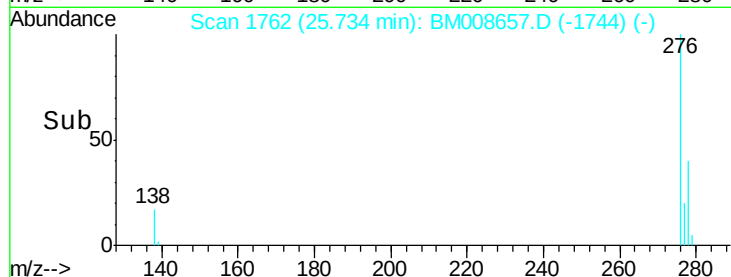
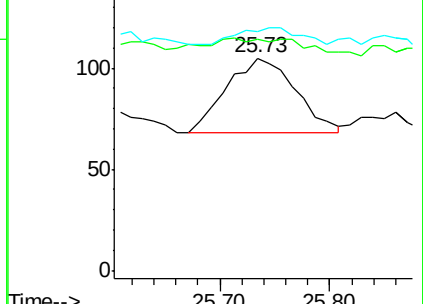
279 112.4 25.9 38.9#



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: 0.11 ng/ul

RT: 26.44 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

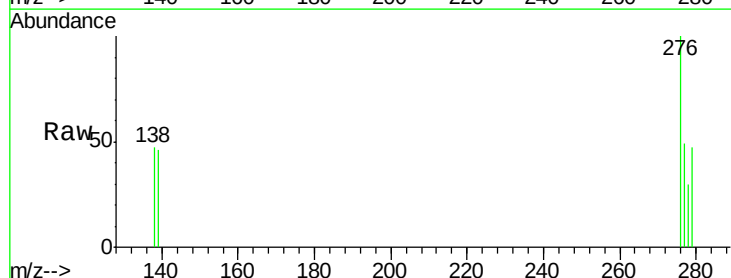
Tgt Ion:276 Resp: 644

Ion Ratio Lower Upper

276 100

277 49.2 21.8 32.8#

138 46.6 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

