

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008572.D
 Acq On : 23 Dec 2016 01:04
 Operator : UM/SJ
 Sample : H5970-16DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA855DL

Quant Time: Dec 23 04:18:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 04:12:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	343	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.45	136	1115	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	667	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	1235	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	1265	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	1357	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	80	0.05	ng/ul	-0.01
14) Fluoranthene-d10	19.10	212	361	0.11	ng/ul	0.00

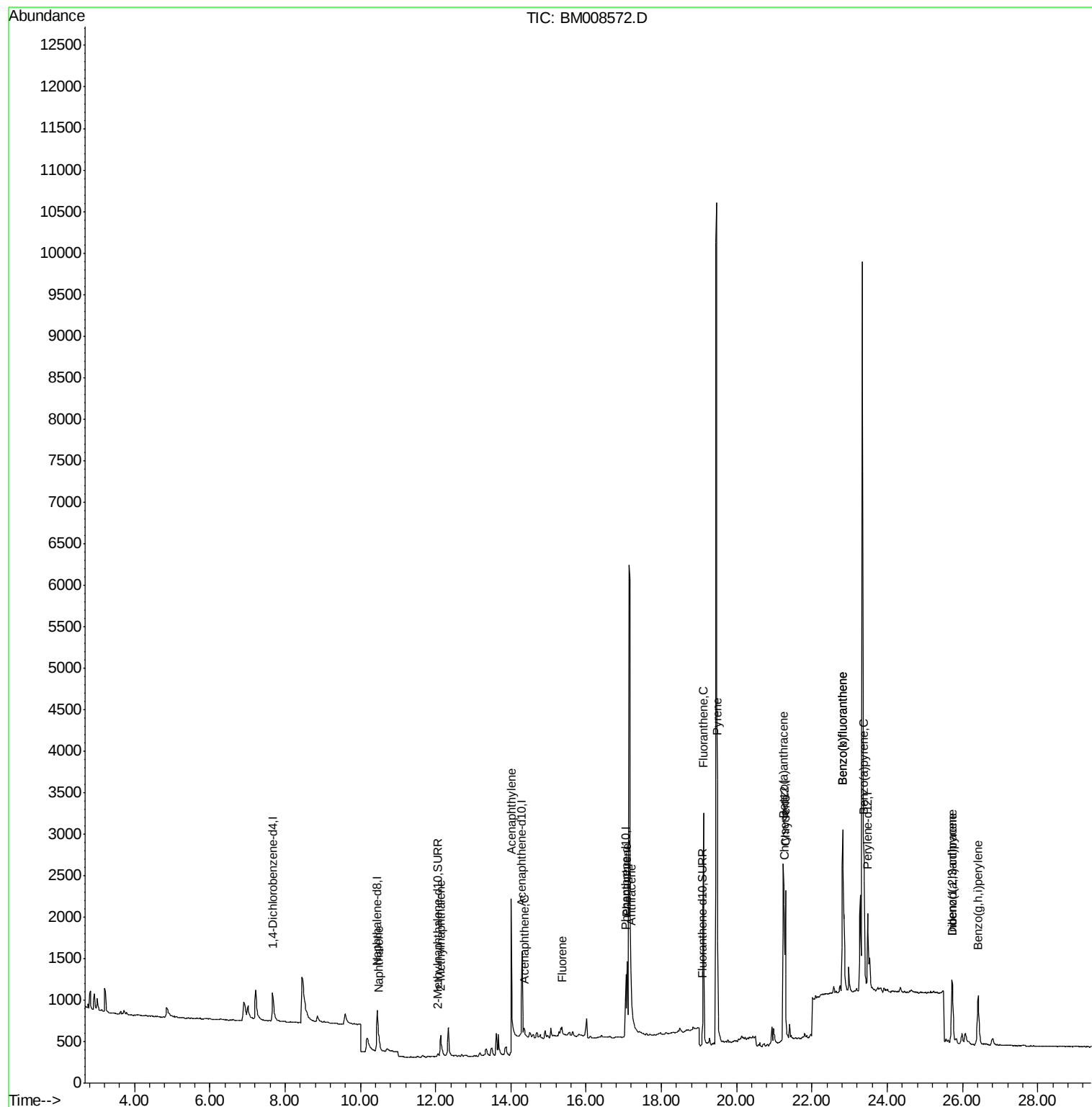
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.50	128	212	0.07	ng/ul#	15
5) 2-Methylnaphthalene	12.13	142	316	0.15	ng/ul	98
7) Acenaphthylene	14.01	152	263	0.09	ng/ul#	50
8) Acenaphthene	14.35	153	71	0.03	ng/ul#	79
9) Fluorene	15.36	166	151	0.06	ng/ul#	69
12) Phenanthrene	17.09	178	1099	0.29	ng/ul#	90
13) Anthracene	17.19	178	516	0.14	ng/ul#	68
15) Fluoranthene	19.12	202	3127	0.68	ng/ul	97
17) Pyrene	19.48	202	2998	0.61	ng/ul	97
18) Benzo(a)anthracene	21.24	228	2070	0.50	ng/ul#	91
19) Chrysene	21.29	228	2005	0.44	ng/ul#	91
21) Benzo(b)fluoranthene	22.82	252	4467	0.84	ng/ul	97
22) Benzo(k)fluoranthene	22.82	252	4467	0.86	ng/ul	96
23) Benzo(a)pyrene	23.38	252	1914	0.39	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.72	276	1464	0.25	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.72	278	355	0.08	ng/ul#	17
26) Benzo(g,h,i)perylene	26.41	276	1435	0.28	ng/ul#	89

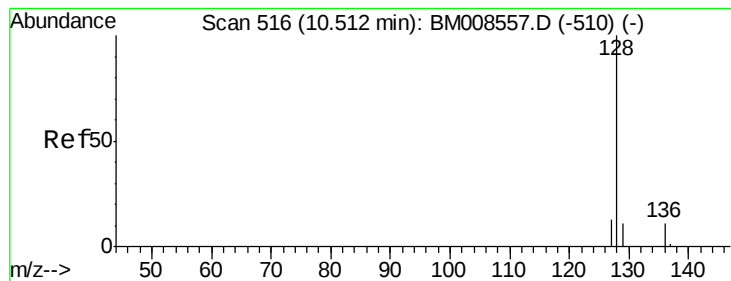
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
Data File : BM008572.D
Acq On : 23 Dec 2016 01:04
Operator : UM/SJ
Sample : H5970-16DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA855DL

Quant Time: Dec 23 04:18:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 04:12:47 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.07 ng/ul

RT: 10.50 min Scan# 515

Delta R.T. -0.01 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

Instrument :

BNA_M

ClientSampleId :

DA855DL

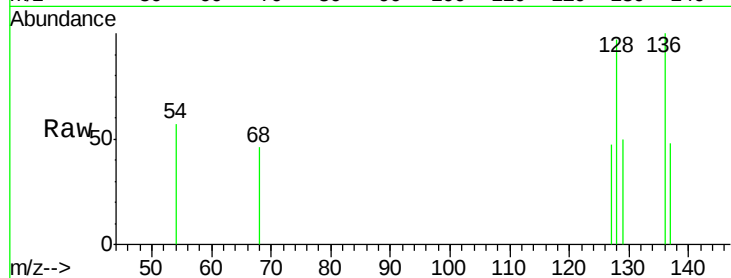
Tgt Ion:128 Resp: 212

Ion Ratio Lower Upper

128 100

129 52.1 11.3 16.9#

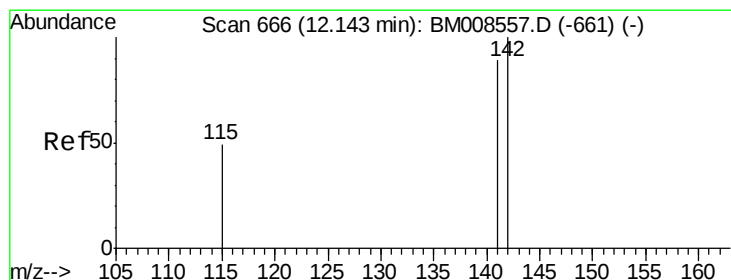
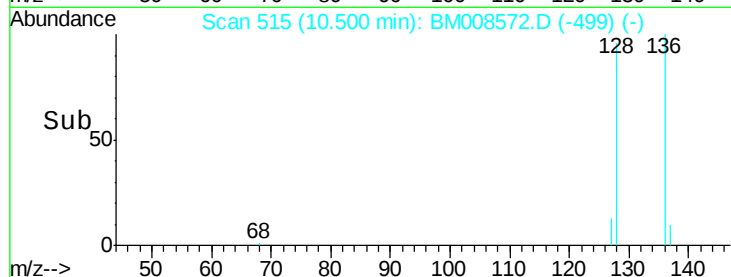
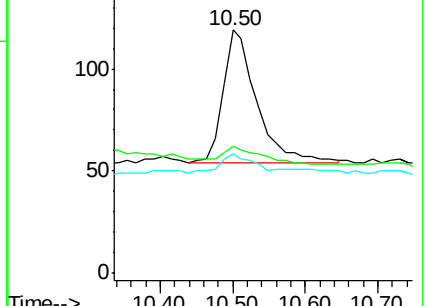
127 48.7 12.8 19.2#



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



#5

2-Methylnaphthalene

Concen: 0.15 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM008572.D

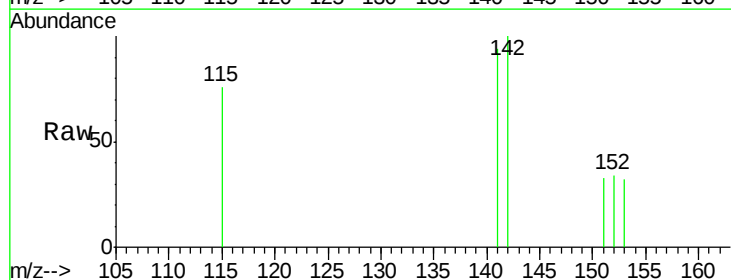
Acq: 23 Dec 2016 01:04

Tgt Ion:142 Resp: 316

Ion Ratio Lower Upper

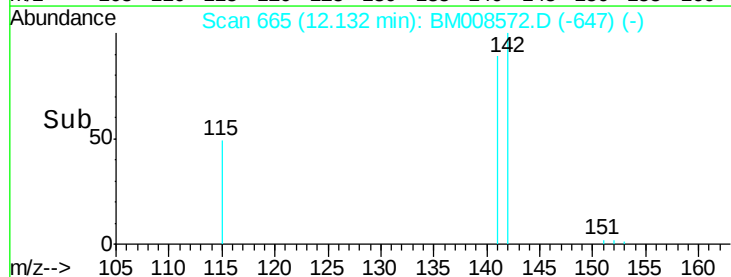
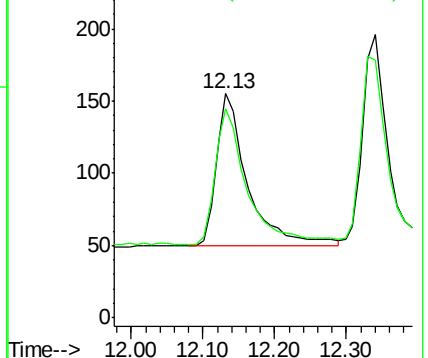
142 100

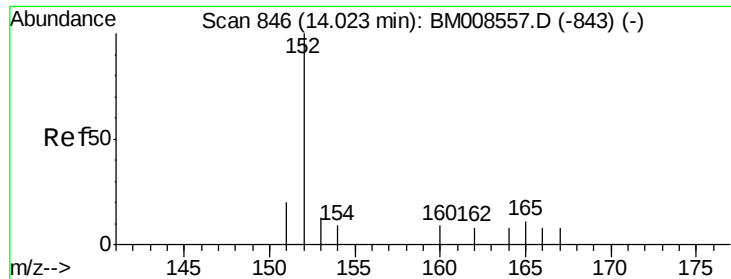
141 92.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.09 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.02 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

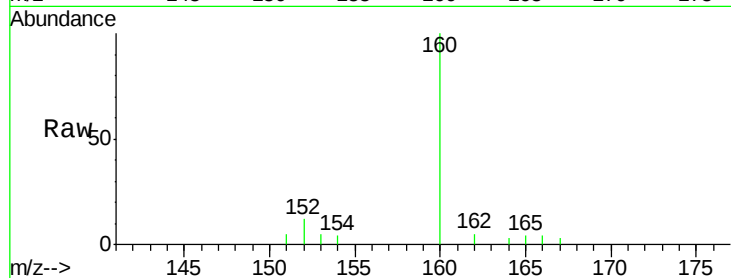
Instrument :

BNA_M

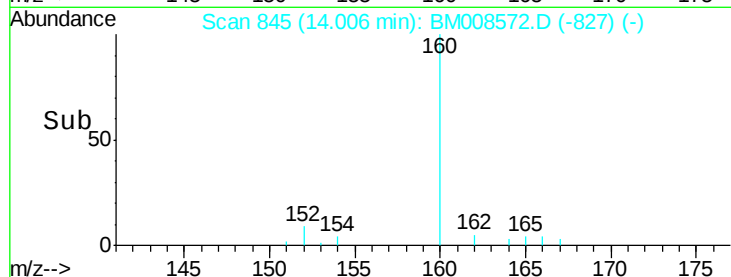
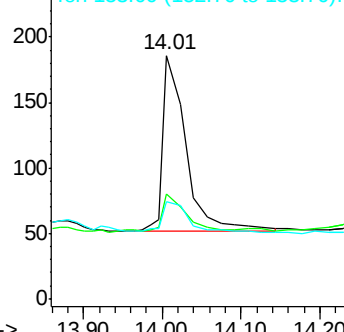
ClientSampleId :

DA855DL

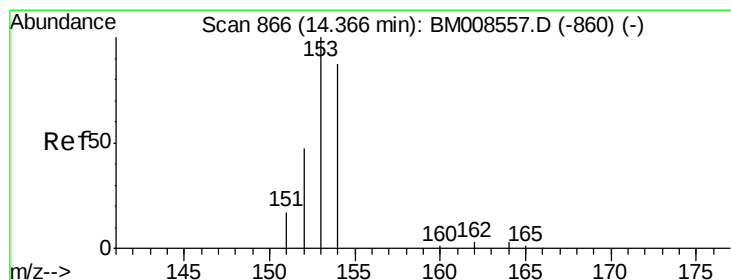
Tgt Ion:	152	Resp:	263
Ion Ratio	Lower	Upper	
152	100		
151	43.0	17.1	25.7#
153	39.8	12.8	19.2#



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-->



#8

Acenaphthene

Concen: 0.03 ng/ul

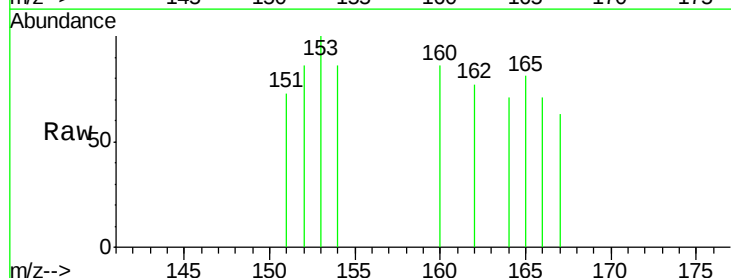
RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

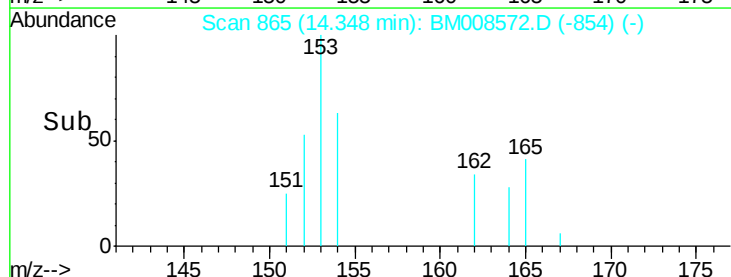
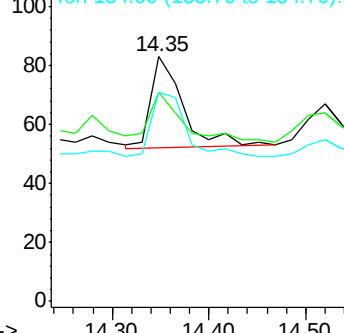
Lab File: BM008572.D

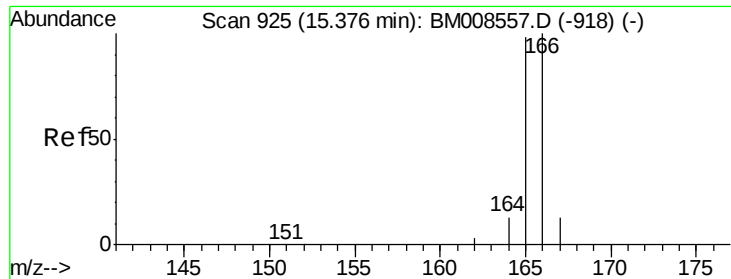
Acq: 23 Dec 2016 01:04

Tgt Ion:	153	Resp:	71
Ion Ratio	Lower	Upper	
153	100		
152	85.5	40.3	60.5#
154	85.5	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: 0.06 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.02 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

Instrument :

BNA_M

ClientSampleId :

DA855DL

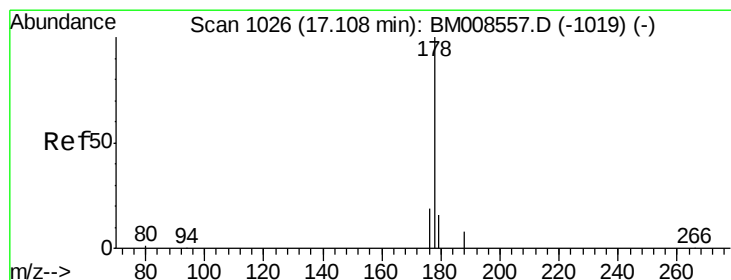
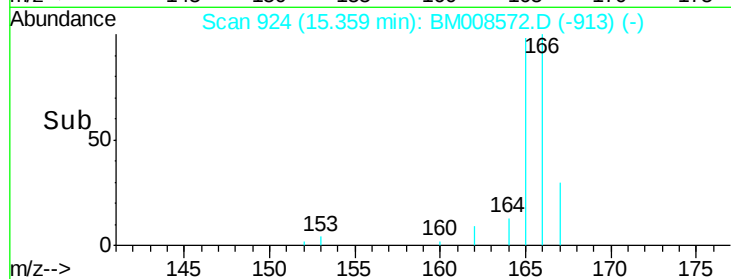
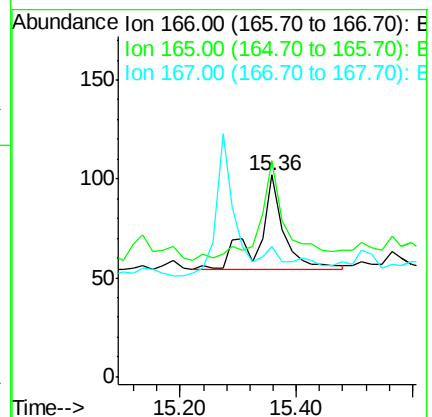
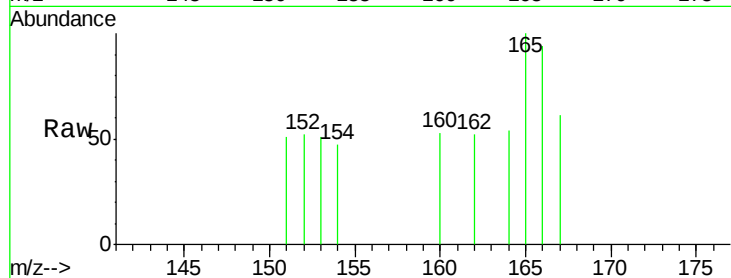
Tgt Ion:166 Resp: 151

Ion Ratio Lower Upper

166 100

165 106.9 73.4 110.2

167 64.7 14.6 22.0#



#12

Phenanthrene

Concen: 0.29 ng/ul

RT: 17.09 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

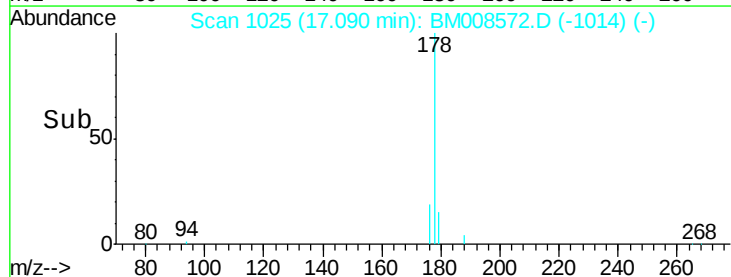
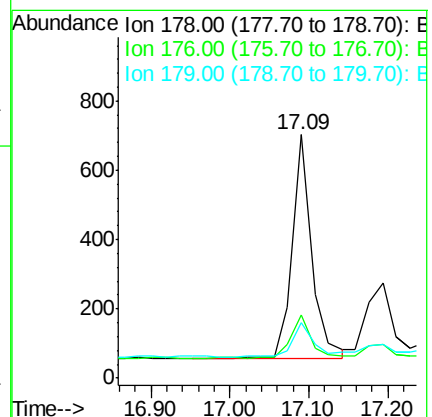
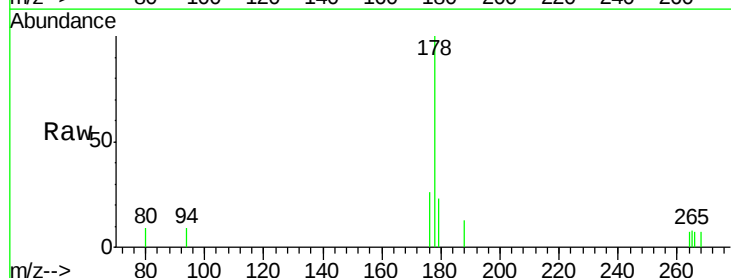
Tgt Ion:178 Resp: 1099

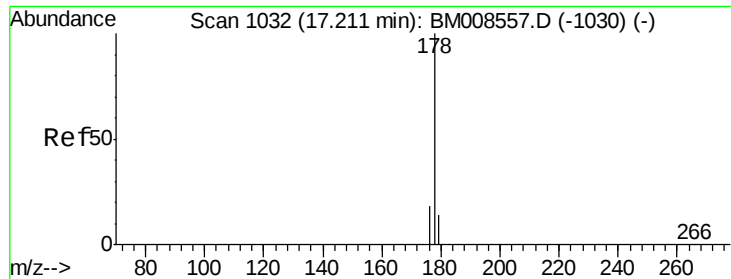
Ion Ratio Lower Upper

178 100

176 26.2 18.4 27.6

179 22.9 13.6 20.4#





#13

Anthracene

Concen: 0.14 ng/ul

RT: 17.19 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

Instrument :

BNA_M

ClientSampleId :

DA855DL

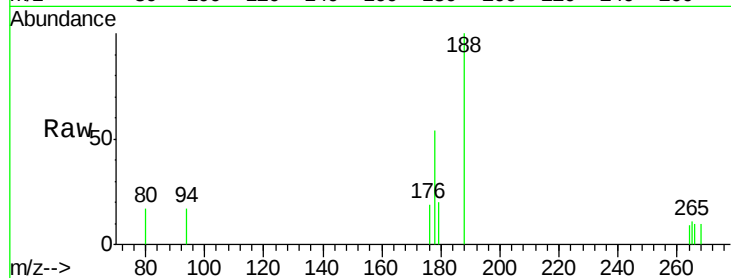
Tgt Ion:178 Resp: 516

Ion Ratio Lower Upper

178 100

176 35.2 18.1 27.1#

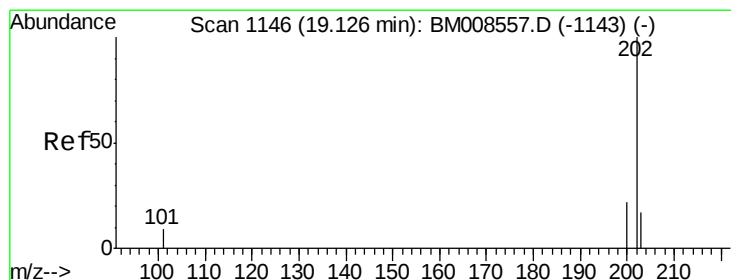
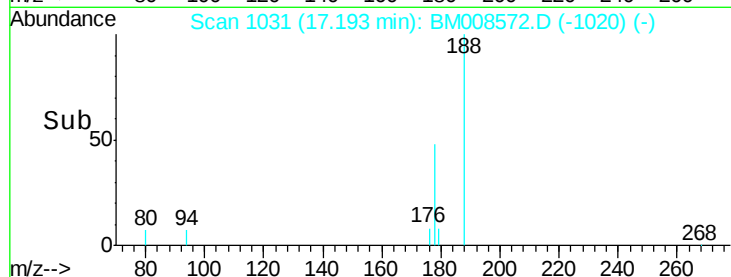
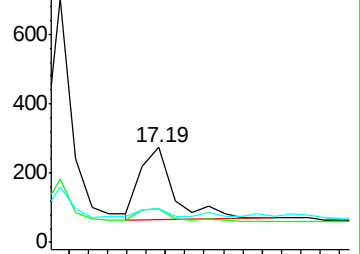
179 36.3 14.7 22.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 0.68 ng/ul

RT: 19.12 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

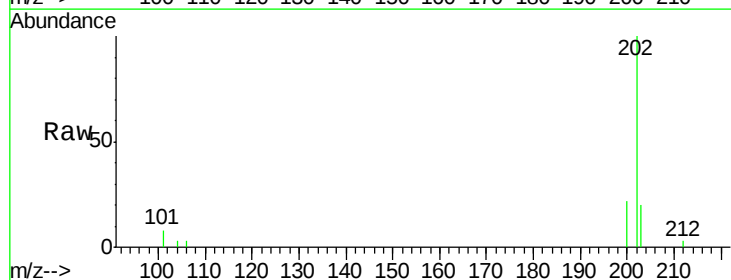
Tgt Ion:202 Resp: 3127

Ion Ratio Lower Upper

202 100

101 7.9 0.0 30.3

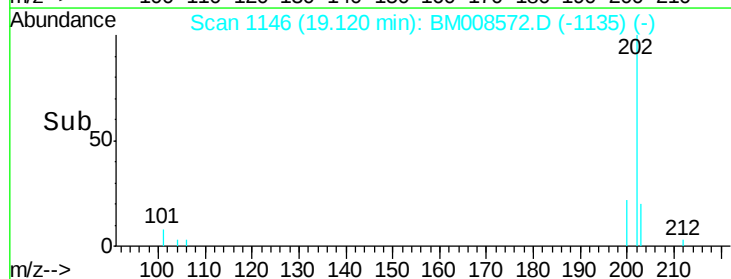
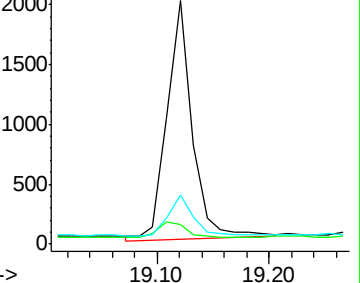
203 20.0 0.0 39.5

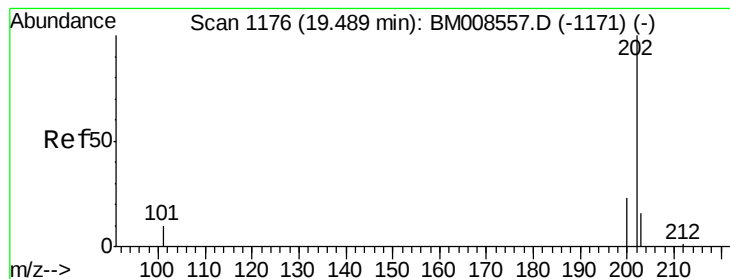


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pyrene

Concen: 0.61 ng/ul

RT: 19.48 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

Instrument :

BNA_M

ClientSampleId :

DA855DL

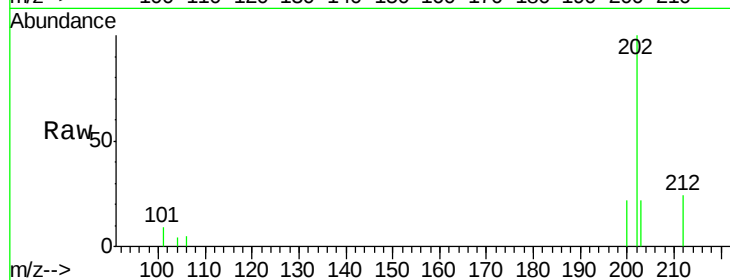
Tgt Ion:202 Resp: 2998

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.4

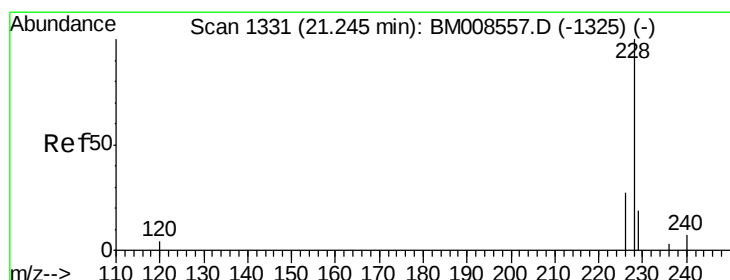
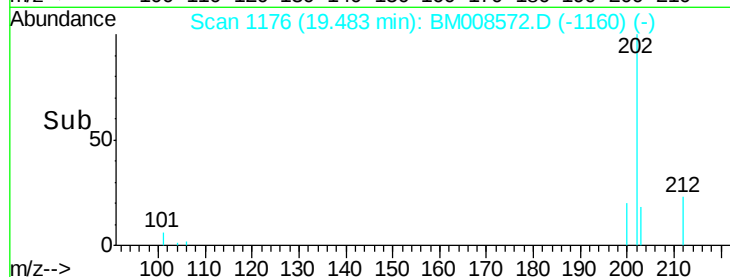
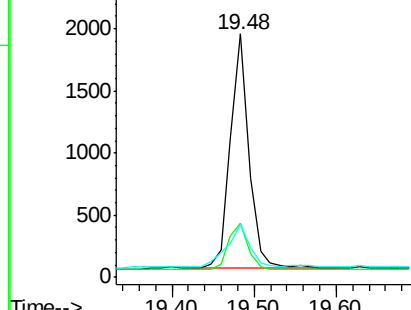
203 21.5 15.6 23.4



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: 0.50 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

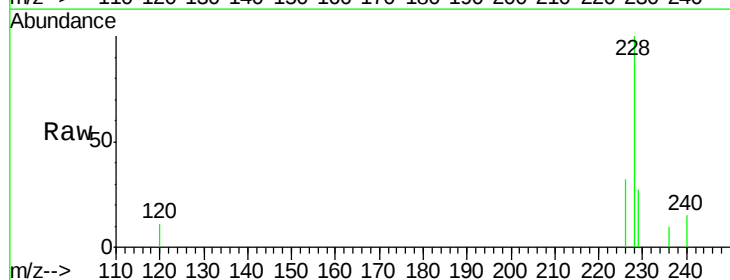
Tgt Ion:228 Resp: 2070

Ion Ratio Lower Upper

228 100

226 31.7 22.8 34.2

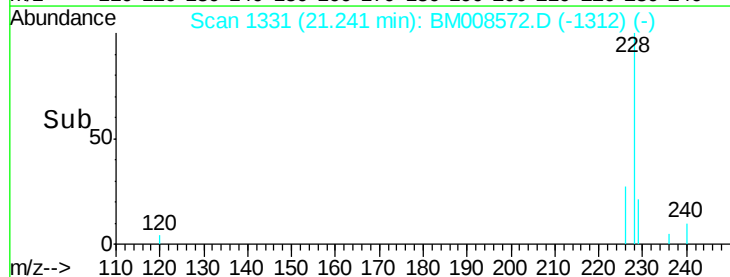
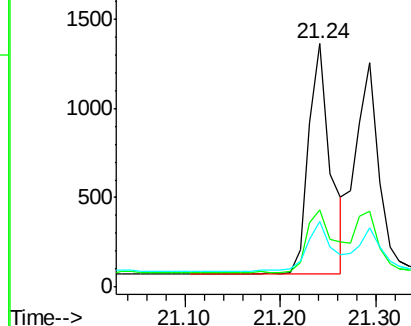
229 27.1 17.0 25.6#

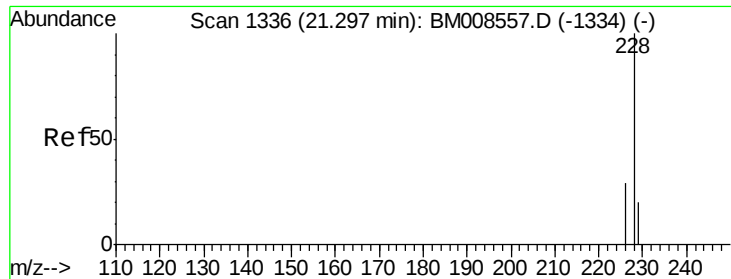


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.44 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

Instrument :

BNA_M

ClientSampleId :

DA855DL

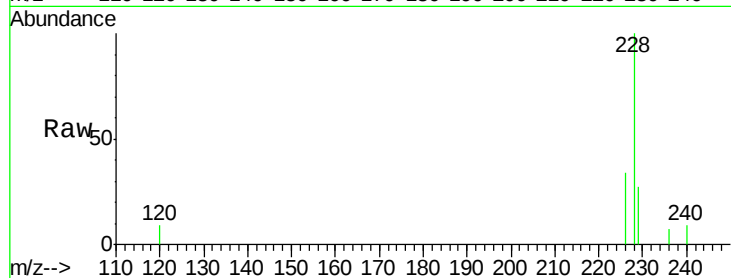
Tgt Ion:228 Resp: 2005

Ion Ratio Lower Upper

228 100

226 33.7 23.4 35.0

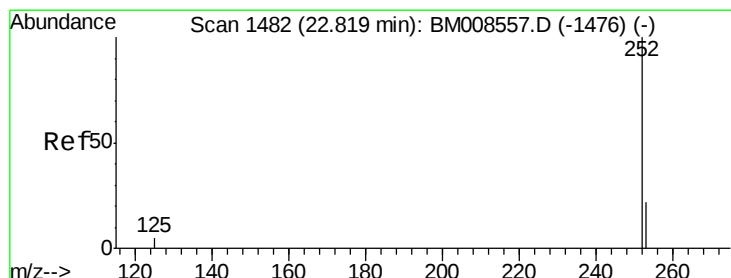
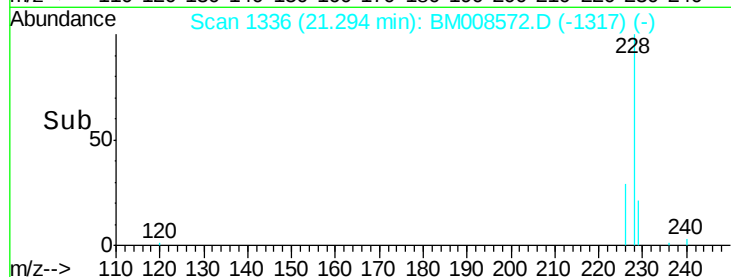
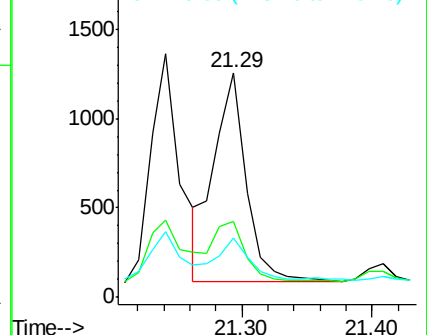
229 26.5 17.7 26.5#



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: 0.84 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

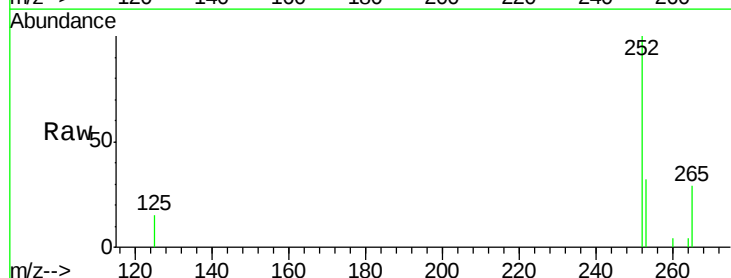
Tgt Ion:252 Resp: 4467

Ion Ratio Lower Upper

252 100

253 32.4 0.0 64.2

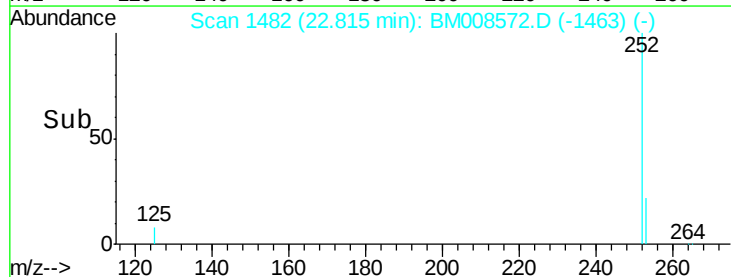
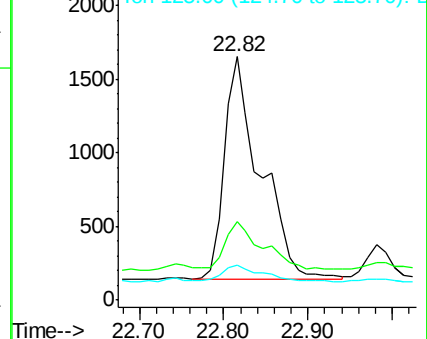
125 14.6 0.0 35.0

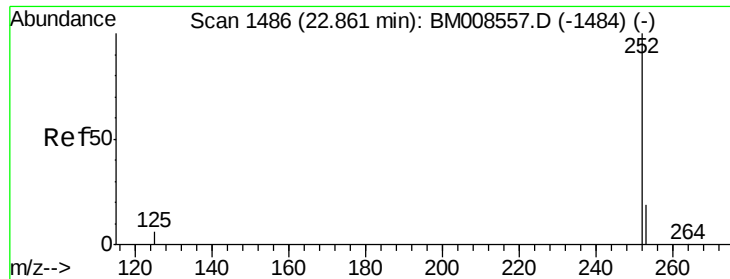


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.86 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.05 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

Instrument :

BNA_M

ClientSampleId :

DA855DL

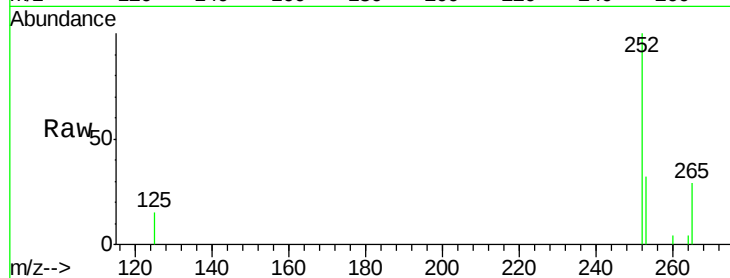
Tgt Ion:252 Resp: 4467

Ion Ratio Lower Upper

252 100

253 32.4 24.5 36.7

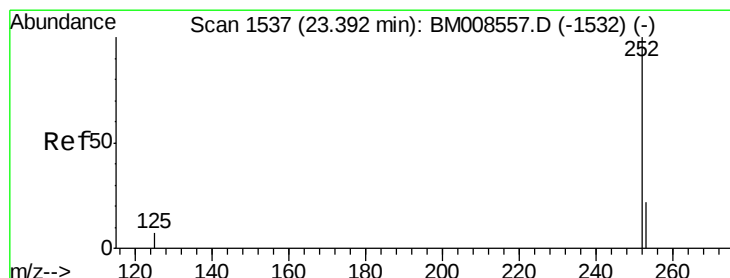
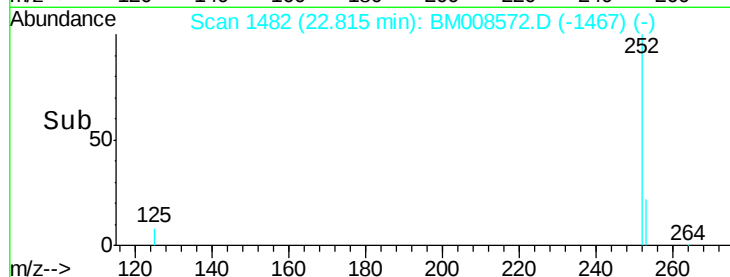
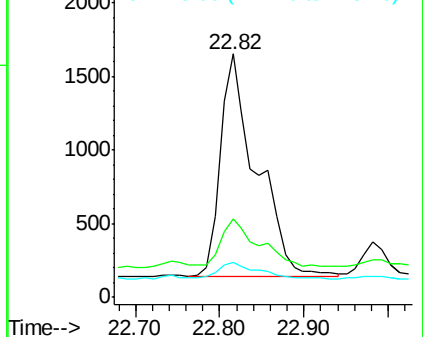
125 14.6 13.7 20.5



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: 0.39 ng/ul

RT: 23.38 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

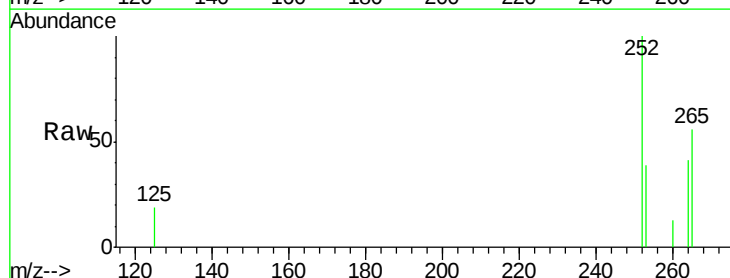
Tgt Ion:252 Resp: 1914

Ion Ratio Lower Upper

252 100

253 39.3 28.5 42.7

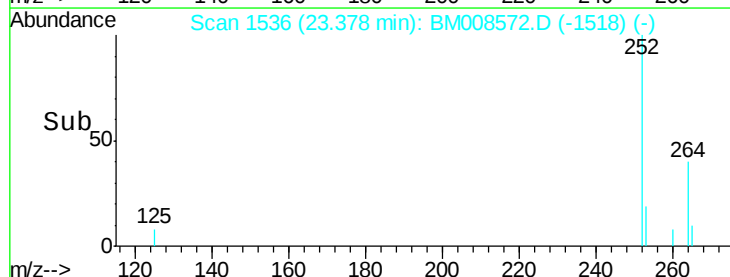
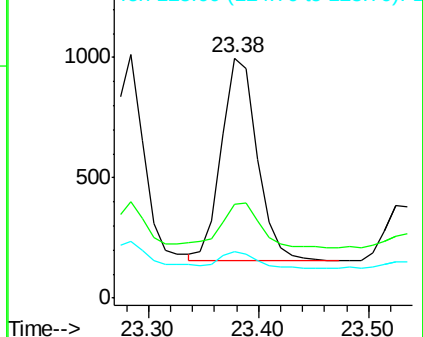
125 19.4 18.1 27.1

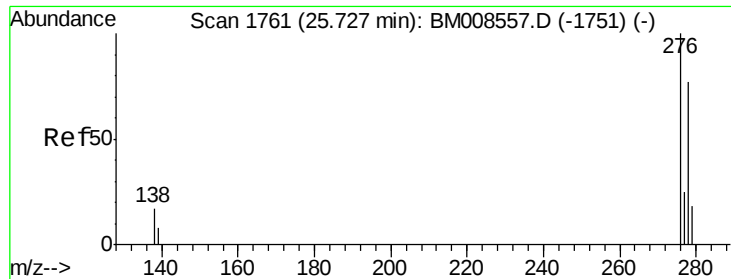


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.25 ng/ul

RT: 25.72 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

Instrument :

BNA_M

ClientSampleId :

DA855DL

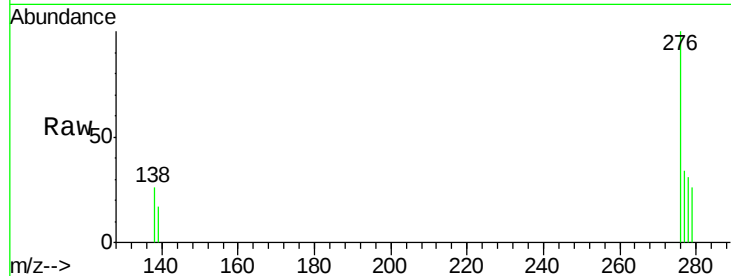
Tgt Ion:276 Resp: 1464

Ion Ratio Lower Upper

276 100

138 16.3 19.1 28.7#

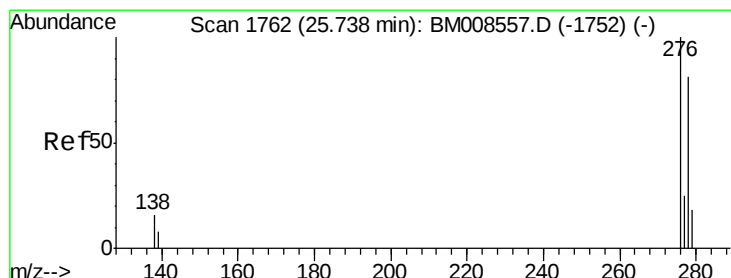
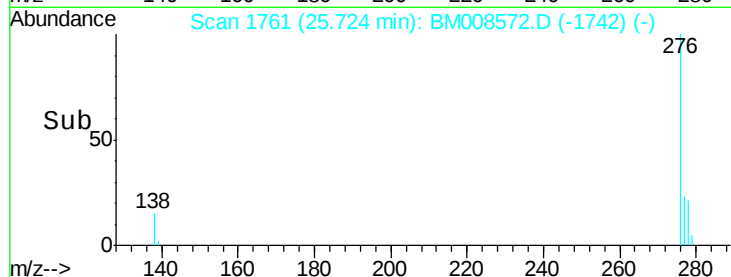
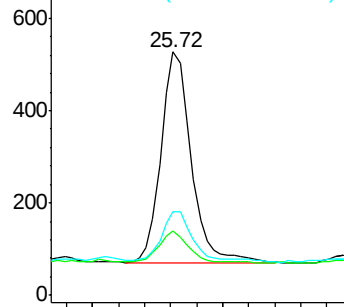
277 24.7 19.6 29.4



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: 0.08 ng/ul

RT: 25.72 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BM008572.D

Acq: 23 Dec 2016 01:04

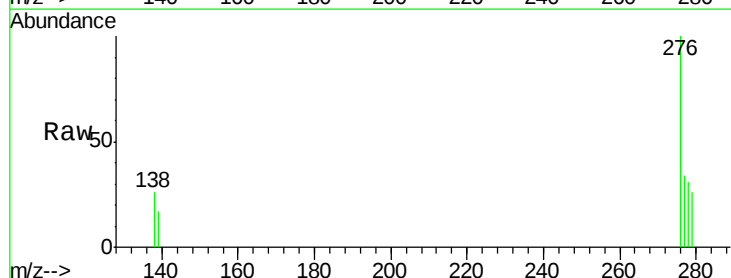
Tgt Ion:278 Resp: 355

Ion Ratio Lower Upper

278 100

139 56.1 17.4 26.0#

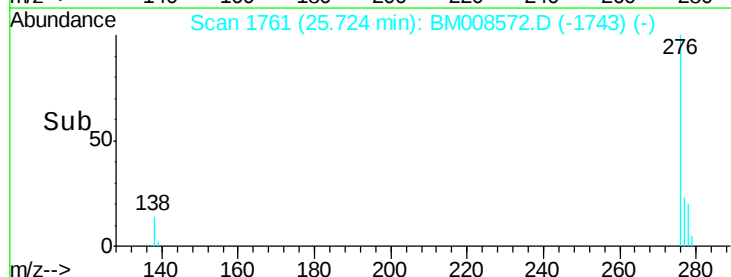
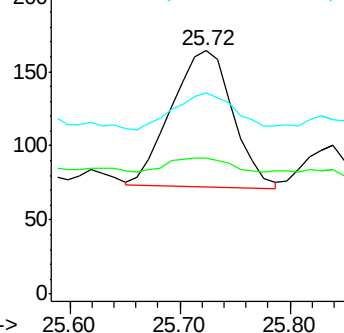
279 82.9 25.9 38.9#

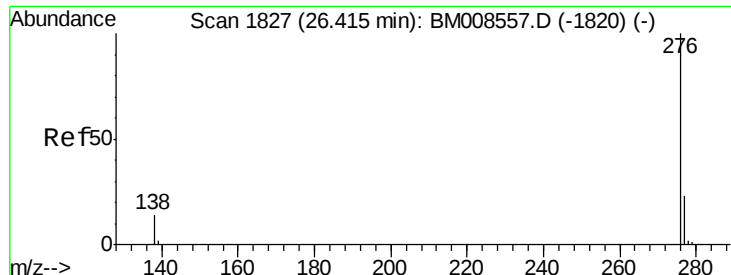


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.28 ng/ul

RT: 26.41 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM008572.D

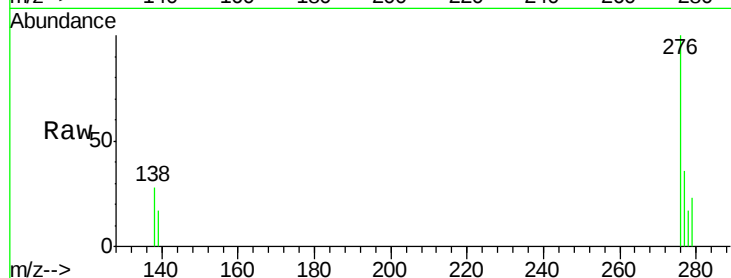
Acq: 23 Dec 2016 01:04

Instrument :

BNA_M

ClientSampleId :

DA855DL



Tgt Ion: 276 Resp: 1435

Ion Ratio Lower Upper

276 100

277 36.4 21.8 32.8#

138 27.6 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

