

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
 Data File : BM008597.D
 Acq On : 23 Dec 2016 16:08
 Operator : UM/SJ
 Sample : H5970-07DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA846DL

Quant Time: Dec 23 23:40:51 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 23:37:39 2016
 Response via : Initial Calibration

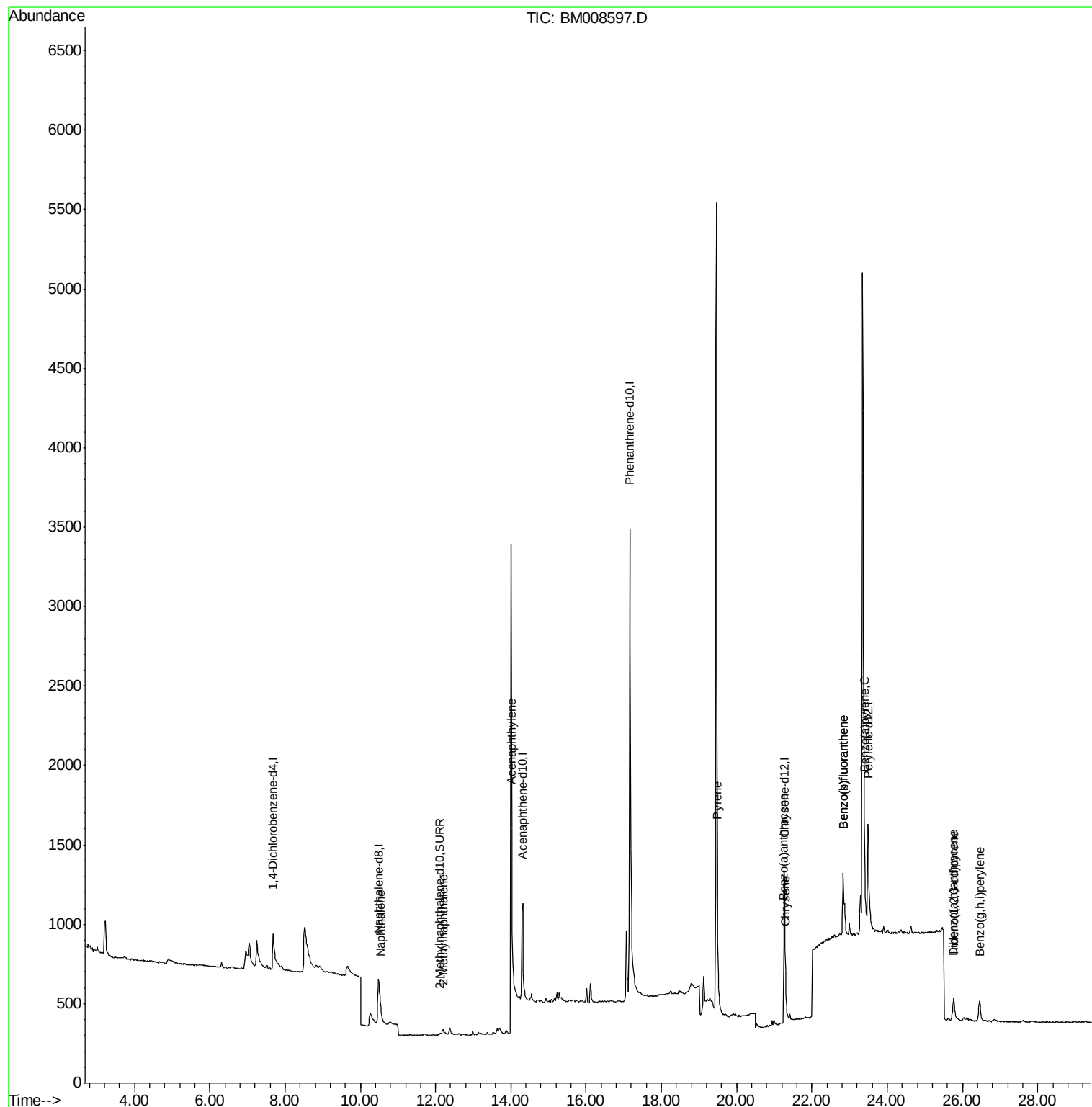
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	302	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.49	136	867	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	552	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.16	188	6175	0.40	ng/ul	0.07
16) Chrysene-d12	21.28	240	1107	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	1179	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	42	0.03	ng/ul	0.01
14) Fluoranthene-d10	19.10	212	117	0.01	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.54	128	68	0.03	ng/ul#	1
5) 2-Methylnaphthalene	12.19	142	57	0.03	ng/ul	92
7) Acenaphthylene	14.02	152	92	0.04	ng/ul#	1
17) Pyrene	19.49	202	414	0.10	ng/ul#	65
18) Benzo(a)anthracene	21.26	228	416	0.11	ng/ul#	65
19) Chrysene	21.31	228	308	0.08	ng/ul#	60
21) Benzo(b)fluoranthene	22.83	252	1008	0.22	ng/ul	62
22) Benzo(k)fluoranthene	22.83	252	1008	0.22	ng/ul#	59
23) Benzo(a)pyrene	23.39	252	431	0.10	ng/ul#	47
24) Indeno(1,2,3-cd)pyrene	25.77	276	353	0.07	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.76	278	83	0.02	ng/ul#	1
26) Benzo(g,h,i)perylene	26.46	276	297	0.07	ng/ul#	39

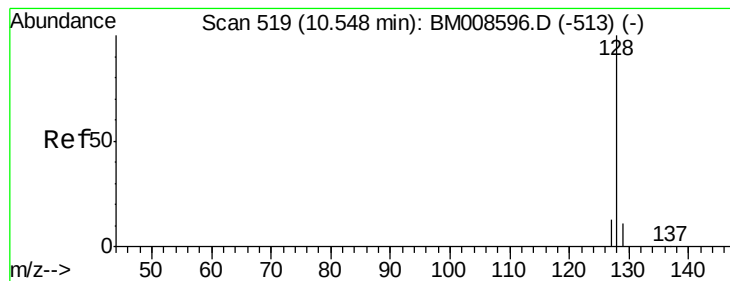
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.54 min Scan# 518

Delta R.T. -0.01 min

Lab File: BM008597.D

Acq: 23 Dec 2016 16:08

Instrument :

BNA_M

ClientSampleId :

DA846DL

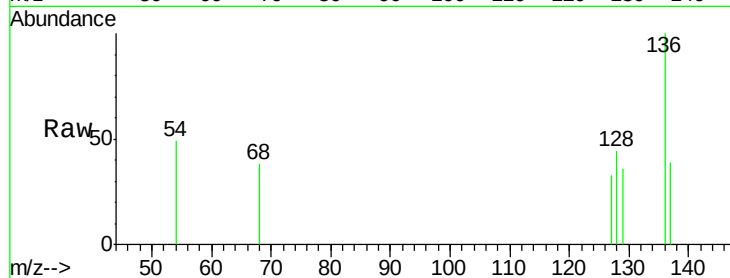
Tgt Ion:128 Resp: 68

Ion Ratio Lower Upper

128 100

129 80.6 11.3 16.9#

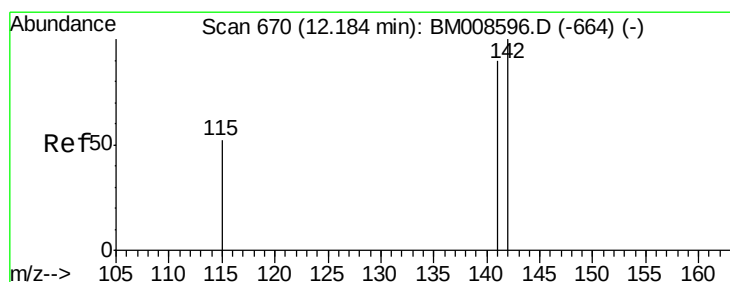
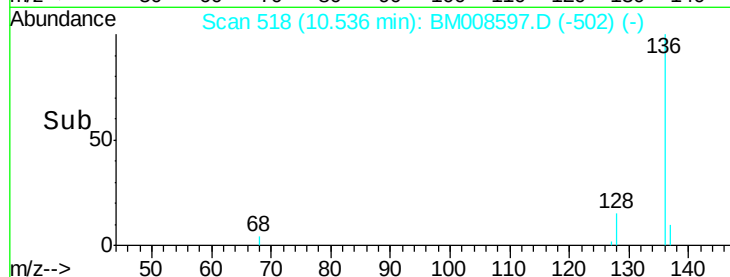
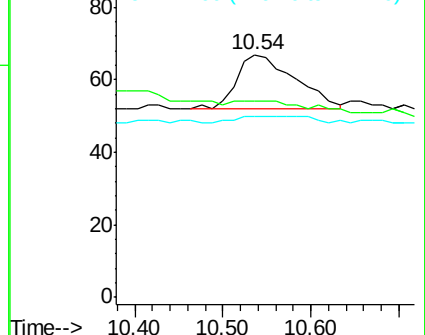
127 74.6 12.8 19.2#



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: 0.03 ng/ul

RT: 12.19 min Scan# 671

Delta R.T. 0.01 min

Lab File: BM008597.D

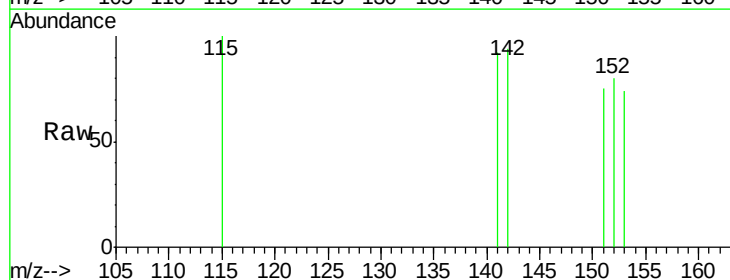
Acq: 23 Dec 2016 16:08

Tgt Ion:142 Resp: 57

Ion Ratio Lower Upper

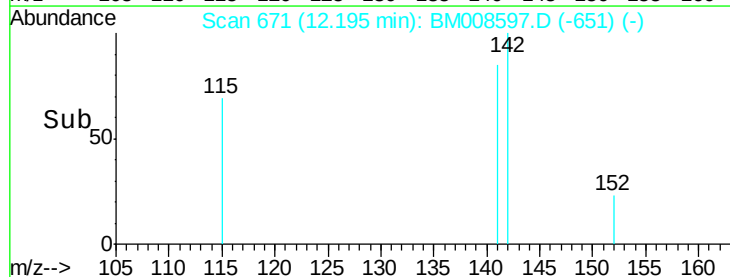
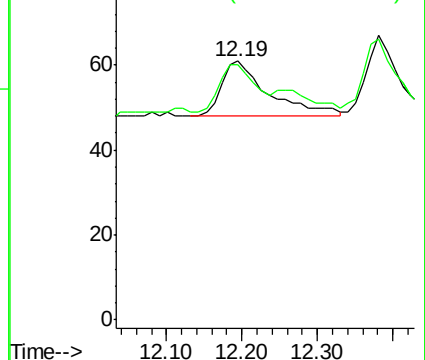
142 100

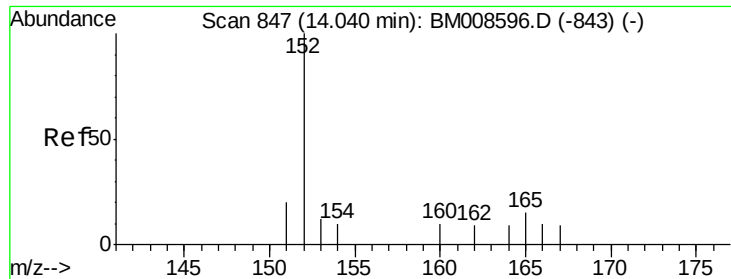
141 98.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.02 min Scan# 846

Delta R.T. -0.02 min

Lab File: BM008597.D

Acq: 23 Dec 2016 16:08

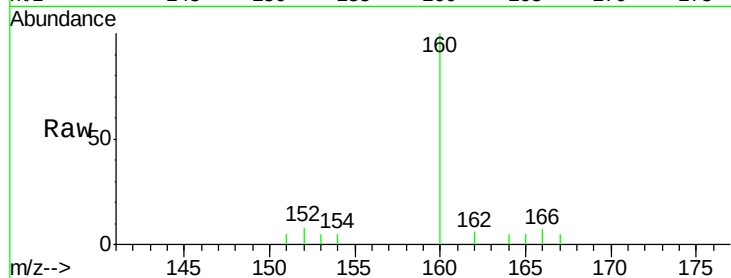
Instrument :

BNA_M

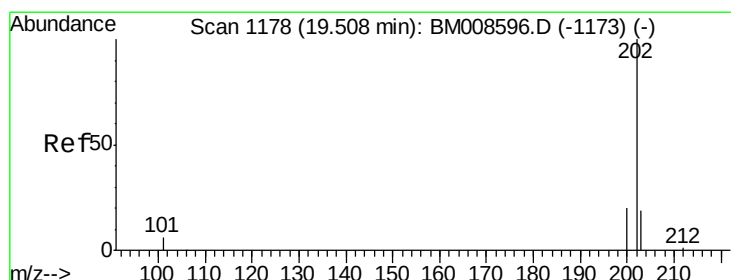
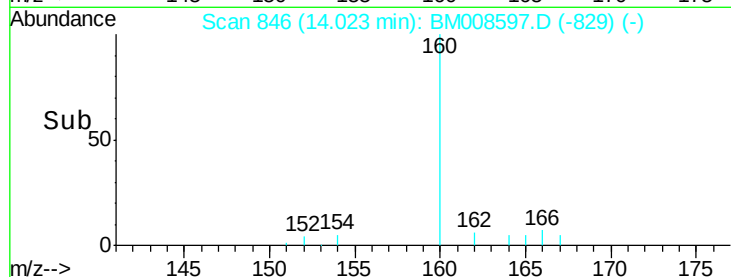
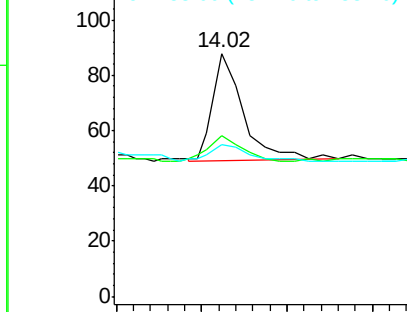
ClientSampleId :

DA846DL

Tgt Ion:	152	Resp:	92
Ion	Ratio	Lower	Upper
152	100		
151	65.9	17.1	25.7#
153	62.5	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: 0.10 ng/ul

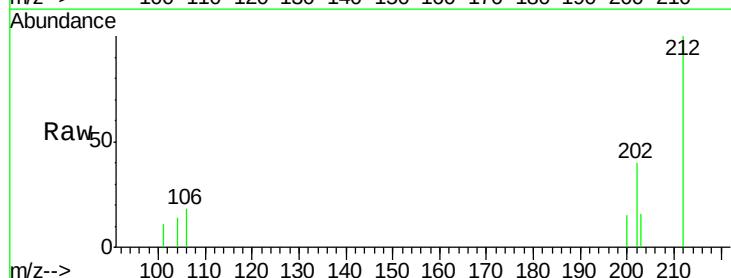
RT: 19.49 min Scan# 1176

Delta R.T. -0.02 min

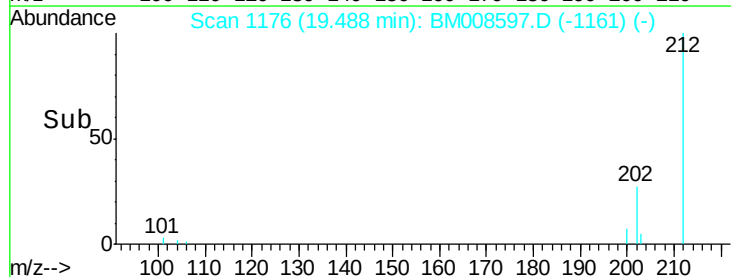
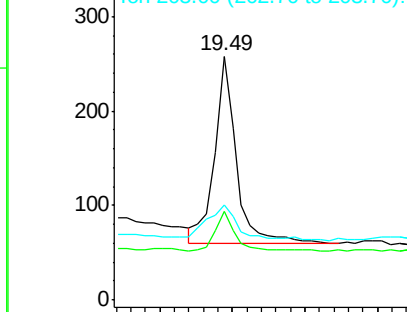
Lab File: BM008597.D

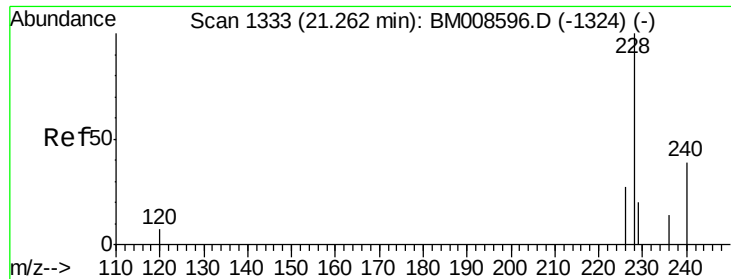
Acq: 23 Dec 2016 16:08

Tgt Ion:	202	Resp:	414
Ion	Ratio	Lower	Upper
202	100		
200	36.4	18.2	27.4#
203	39.1	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: 0.11 ng/ul

RT: 21.26 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BM008597.D

Acq: 23 Dec 2016 16:08

Instrument :

BNA_M

ClientSampleId :

DA846DL

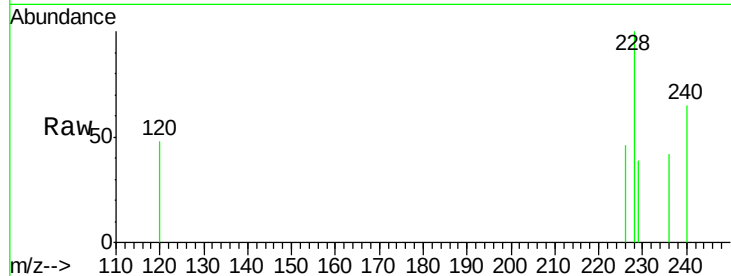
Tgt Ion:228 Resp: 416

Ion Ratio Lower Upper

228 100

226 45.9 22.8 34.2#

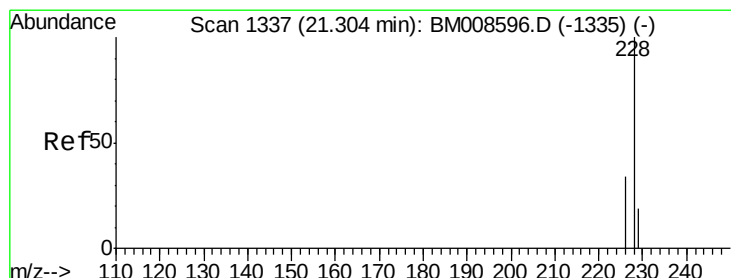
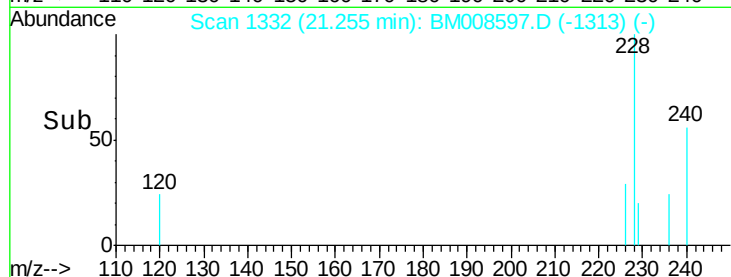
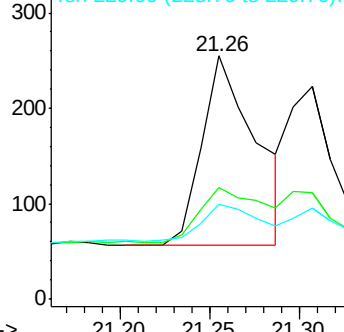
229 38.8 17.0 25.6#



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: 0.08 ng/ul

RT: 21.31 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BM008597.D

Acq: 23 Dec 2016 16:08

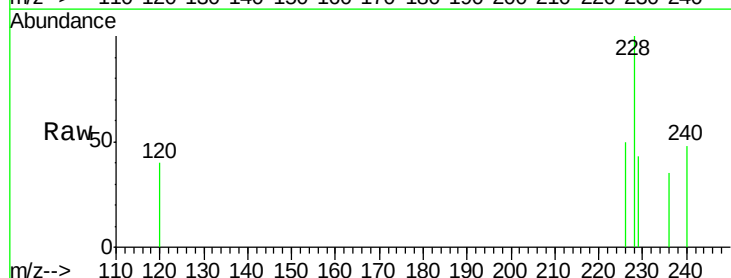
Tgt Ion:228 Resp: 308

Ion Ratio Lower Upper

228 100

226 49.8 23.4 35.0#

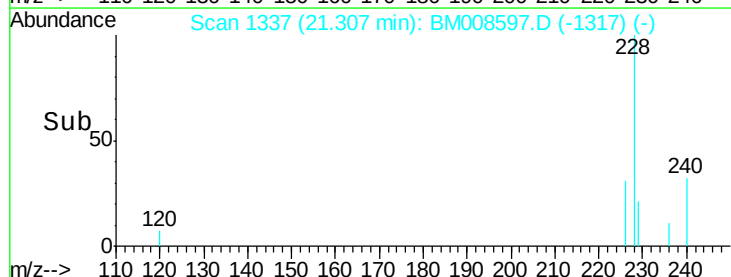
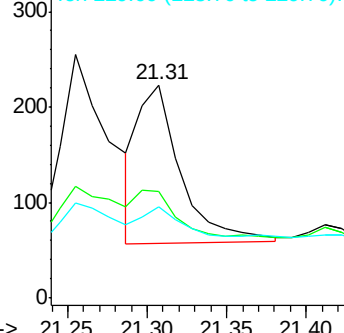
229 42.6 17.7 26.5#

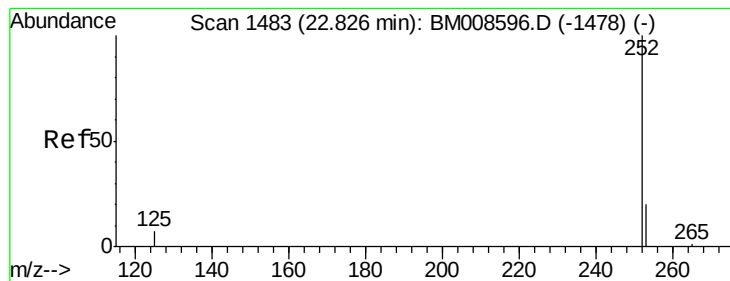


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.22 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BM008597.D

Acq: 23 Dec 2016 16:08

Instrument :

BNA_M

ClientSampleId :

DA846DL

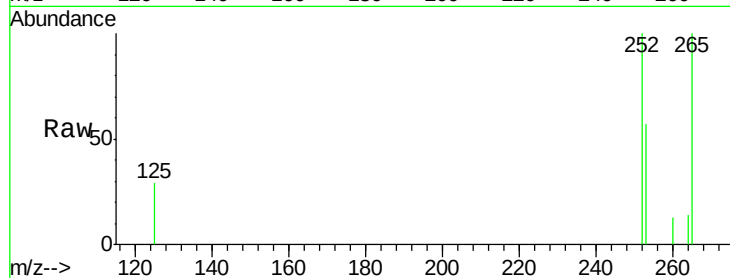
Tgt Ion:252 Resp: 1008

Ion Ratio Lower Upper

252 100

253 56.9 0.0 64.2

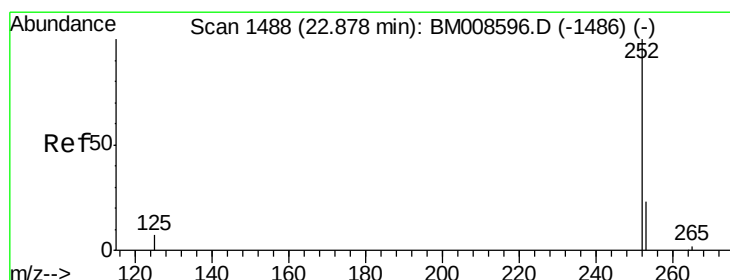
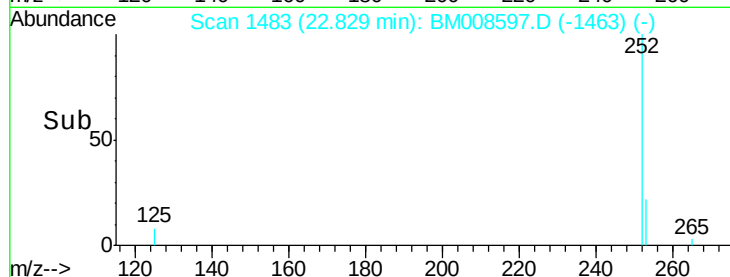
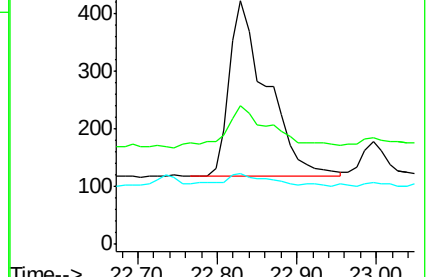
125 29.1 0.0 35.0



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: 0.22 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. -0.05 min

Lab File: BM008597.D

Acq: 23 Dec 2016 16:08

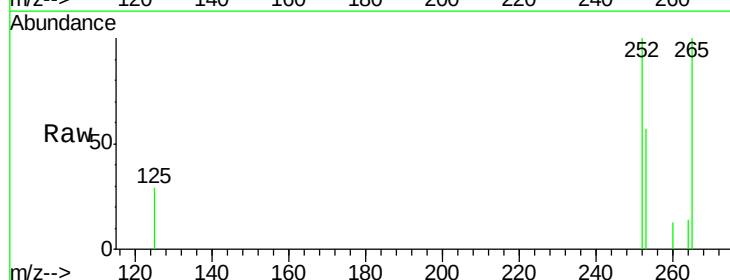
Tgt Ion:252 Resp: 1008

Ion Ratio Lower Upper

252 100

253 56.9 24.5 36.7#

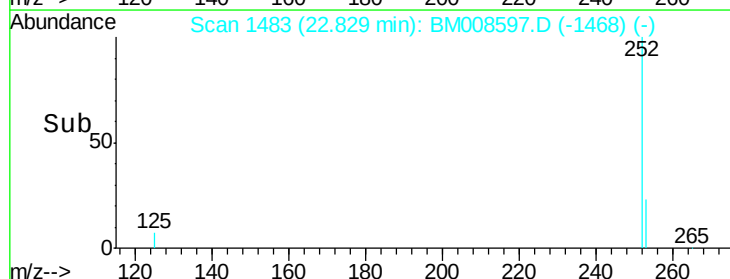
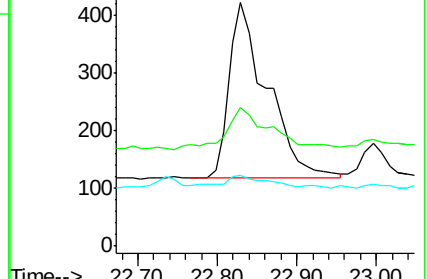
125 29.1 13.7 20.5#

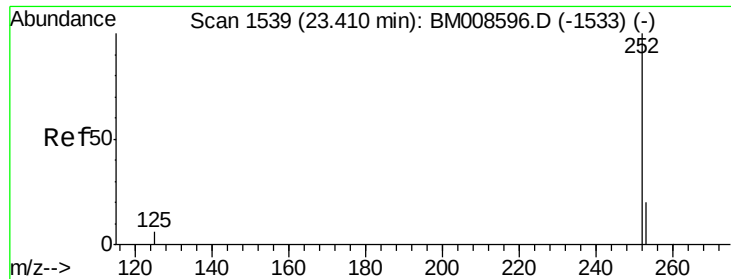


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.10 ng/ul

RT: 23.39 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BM008597.D

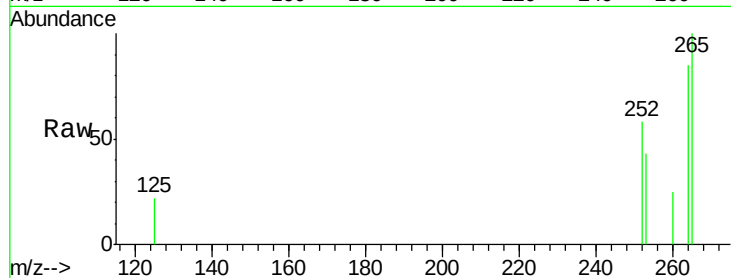
Acq: 23 Dec 2016 16:08

Instrument :

BNA_M

ClientSampleId :

DA846DL



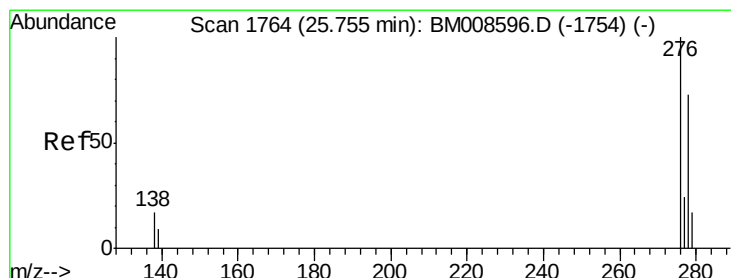
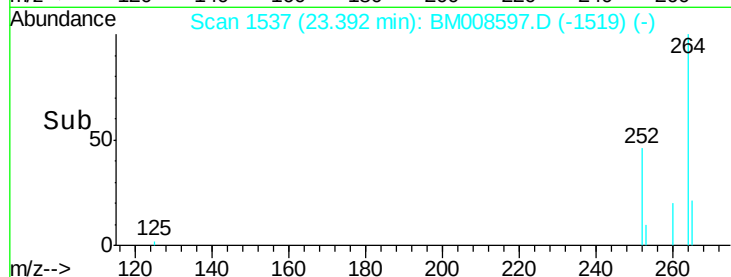
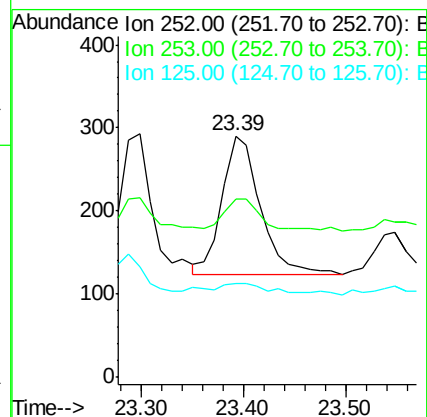
Tgt Ion: 252 Resp: 431

Ion Ratio Lower Upper

252 100

253 74.1 28.5 42.7#

125 38.6 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.07 ng/ul

RT: 25.77 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BM008597.D

Acq: 23 Dec 2016 16:08

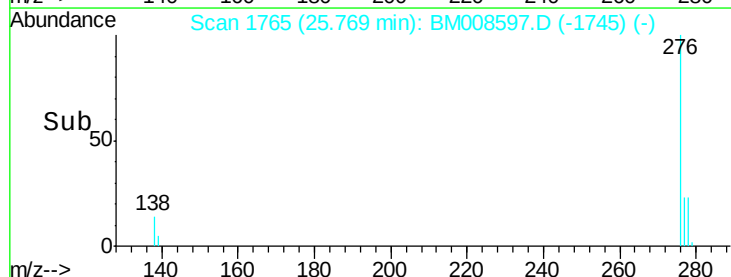
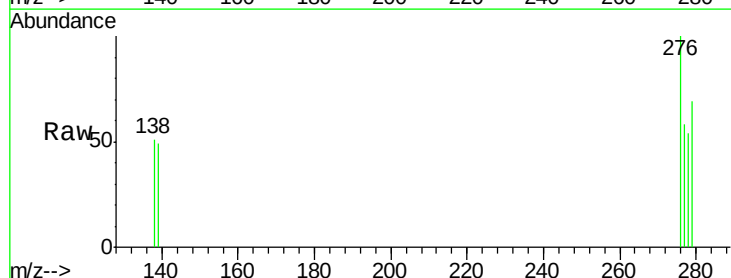
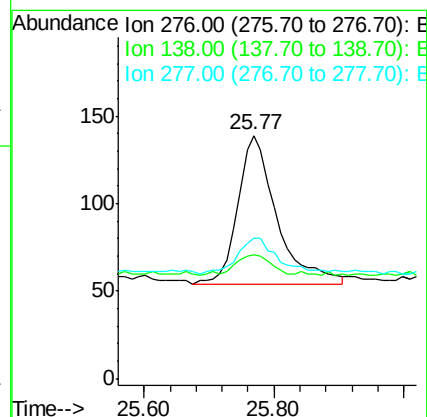
Tgt Ion: 276 Resp: 353

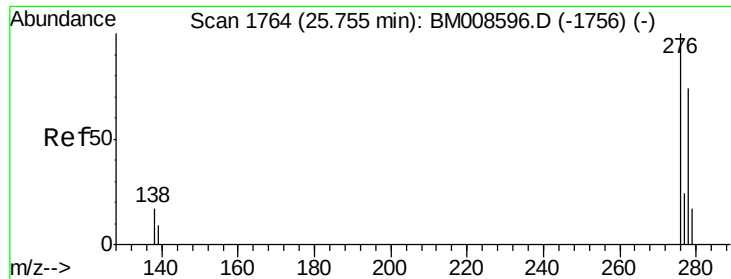
Ion Ratio Lower Upper

276 100

138 13.0 19.1 28.7#

277 24.6 19.6 29.4

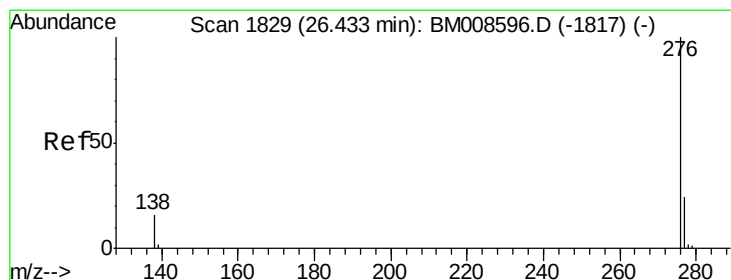
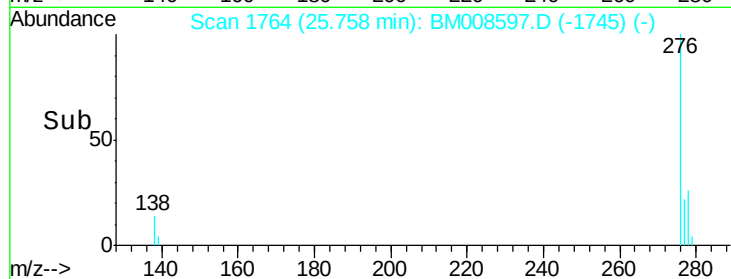
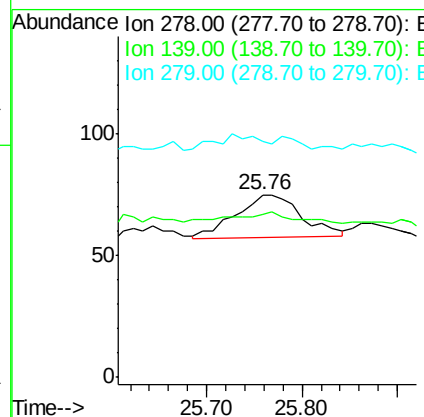
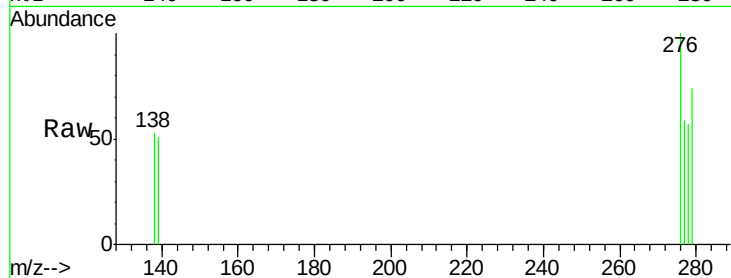




#25
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BM008597.D
Acq: 23 Dec 2016 16:08

Instrument :
BNA_M
ClientSampleId :
DA846DL

Tgt Ion: 278 Resp: 83
Ion Ratio Lower Upper
278 100
139 89.3 17.4 26.0#
279 129.3 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 26.46 min Scan# 1831
Delta R.T. 0.02 min
Lab File: BM008597.D
Acq: 23 Dec 2016 16:08

Tgt Ion: 276 Resp: 297
Ion Ratio Lower Upper
276 100
277 60.3 21.8 32.8#
138 55.0 20.5 30.7#

