

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
 Data File : BM008601.D
 Acq On : 23 Dec 2016 18:32
 Operator : UM/SJ
 Sample : H6040-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X2

Quant Time: Dec 23 23:41:57 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	467	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.45	136	1513	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.28	164	919	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	80841	0.40	ng/ul	0.05
16) Chrysene-d12	21.27	240	1702	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	2241	0.40	ng/ul	-0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	438	0.19	ng/ul	-0.04
14) Fluoranthene-d10	19.09	212	1013	0.00	ng/ul	-0.02

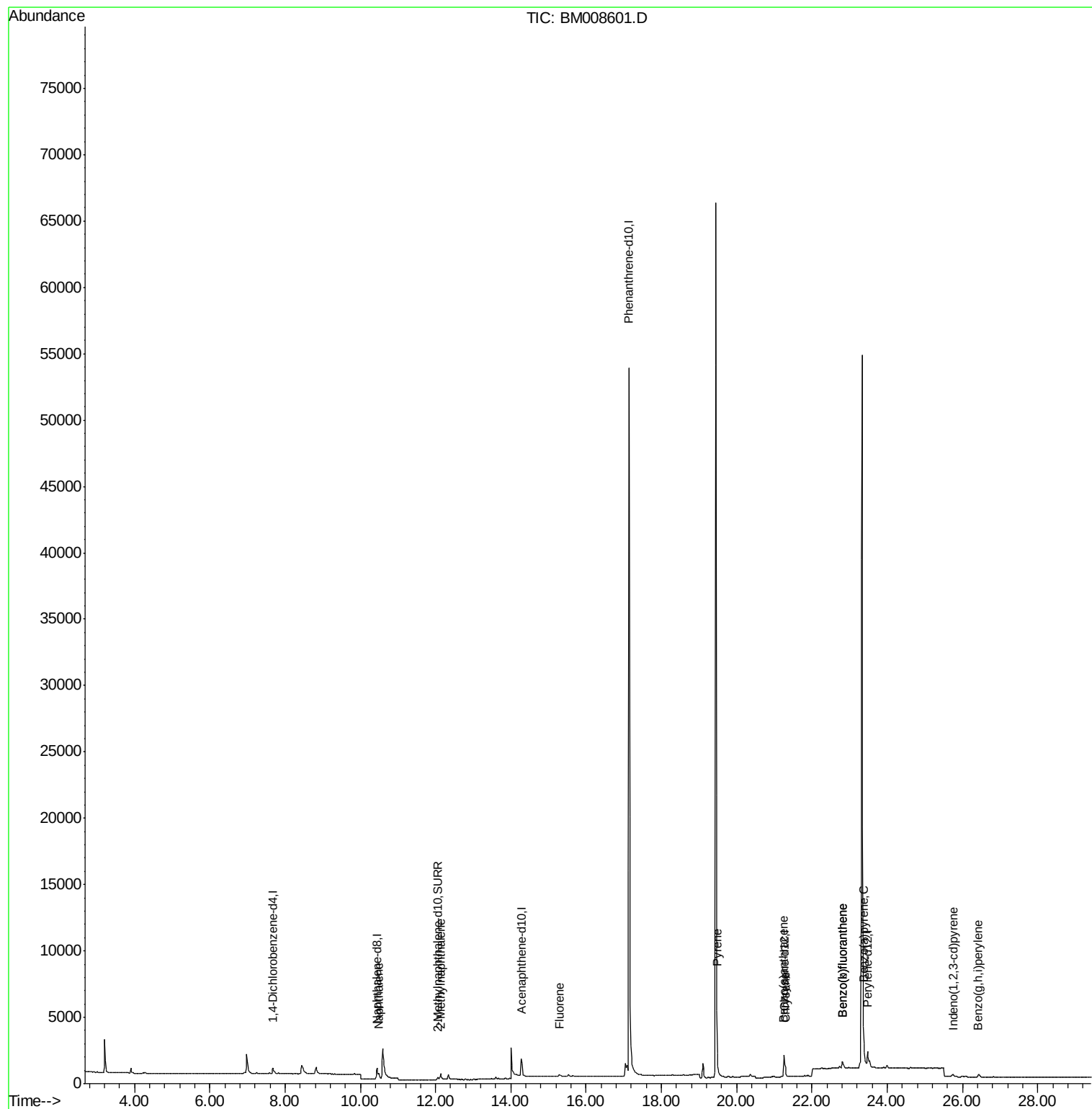
Target Compounds				Qvalue		
3) Naphthalene	10.50	128	625	0.15	ng/ul#	72
5) 2-Methylnaphthalene	12.13	142	521	0.18	ng/ul	98
9) Fluorene	15.29	166	217	0.06	ng/ul#	42
17) Pyrene	19.48	202	1215	0.18	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	542	0.10	ng/ul#	64
19) Chrysene	21.30	228	760	0.12	ng/ul#	73
21) Benzo(b)fluoranthene	22.81	252	1180	0.13	ng/ul#	55
22) Benzo(k)fluoranthene	22.81	252	1180	0.14	ng/ul#	52
23) Benzo(a)pyrene	23.37	252	406	0.05	ng/ul#	33
24) Indeno(1,2,3-cd)pyrene	25.75	276	380	0.04	ng/ul#	88
26) Benzo(g,h,i)perylene	26.43	276	411	0.05	ng/ul#	45

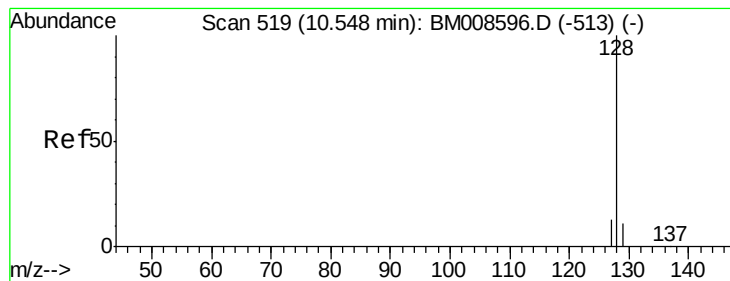
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.15 ng/ul

RT: 10.50 min Scan# 515

Delta R.T. -0.05 min

Lab File: BM008601.D

Acq: 23 Dec 2016 18:32

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ClientSampleId :

DA8X2

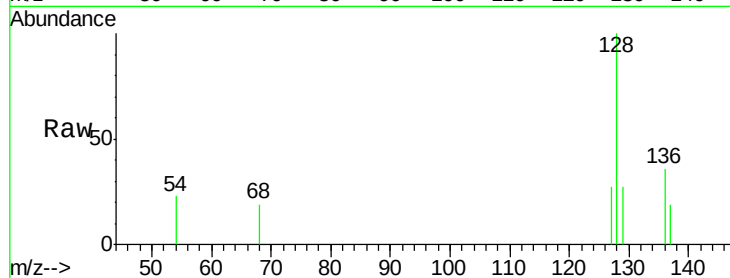
Tgt Ion:128 Resp: 625

Ion Ratio Lower Upper

128 100

129 26.5 11.3 16.9#

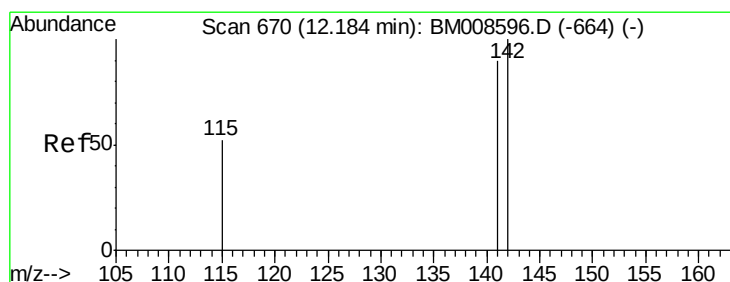
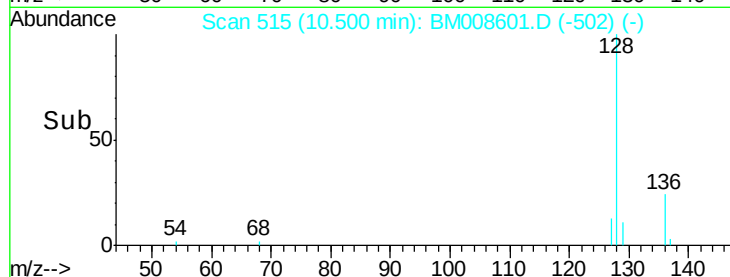
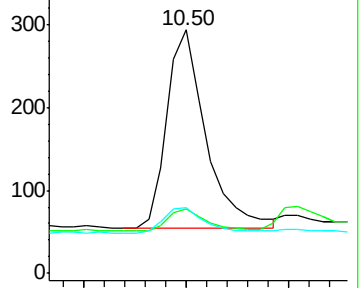
127 26.9 12.8 19.2#



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: 0.18 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. -0.05 min

Lab File: BM008601.D

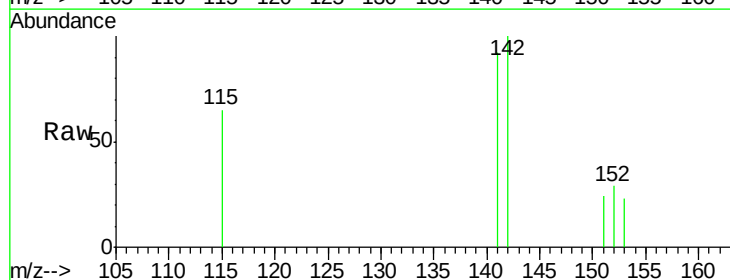
Acq: 23 Dec 2016 18:32

Tgt Ion:142 Resp: 521

Ion Ratio Lower Upper

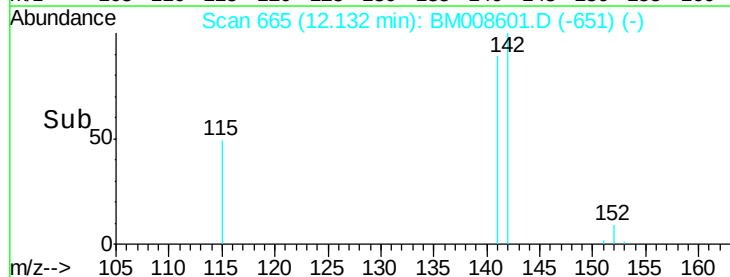
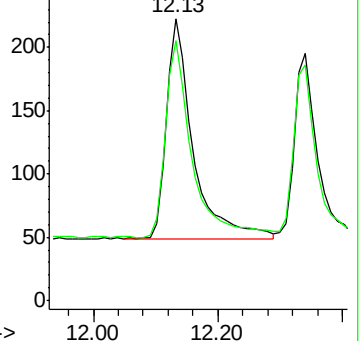
142 100

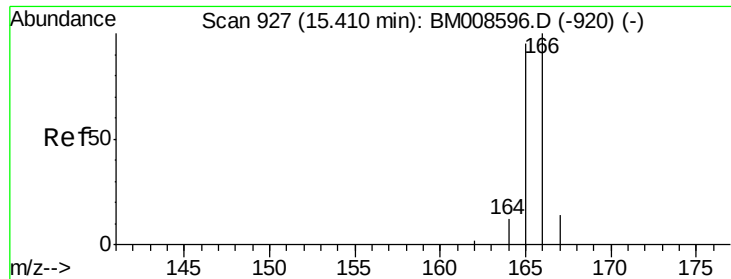
141 89.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

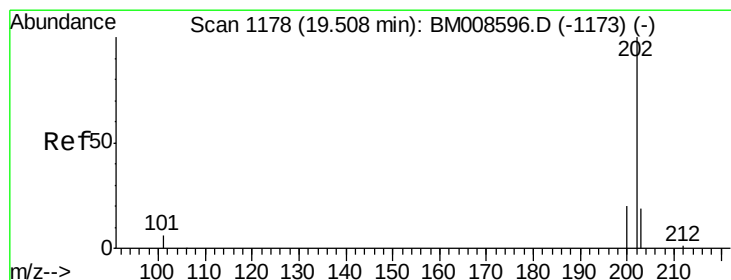
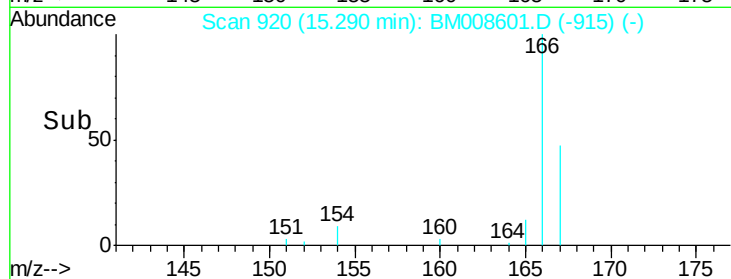
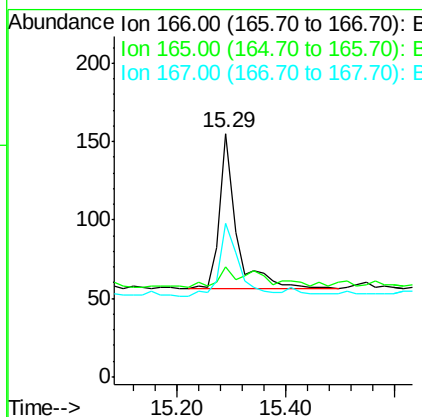
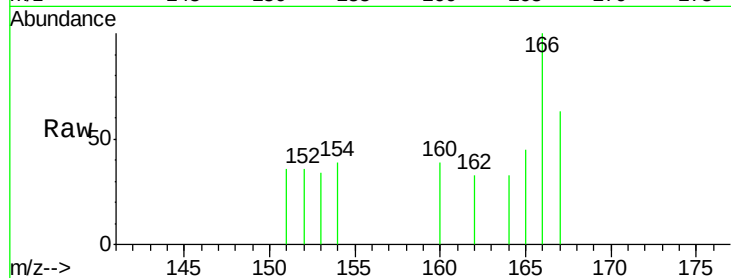




#9
Fluorene
 Concen: 0.06 ng/ul
 RT: 15.29 min Scan# 920
 Delta R.T. -0.12 min
 Lab File: BM008601.D
 Acq: 23 Dec 2016 18:32

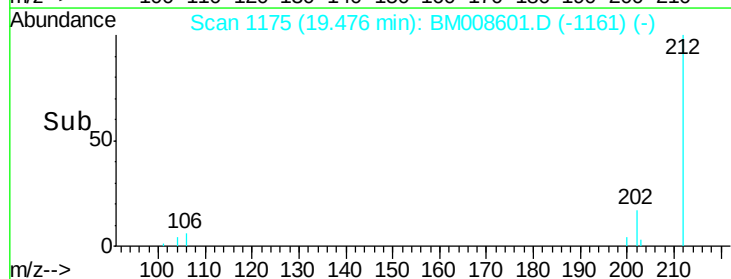
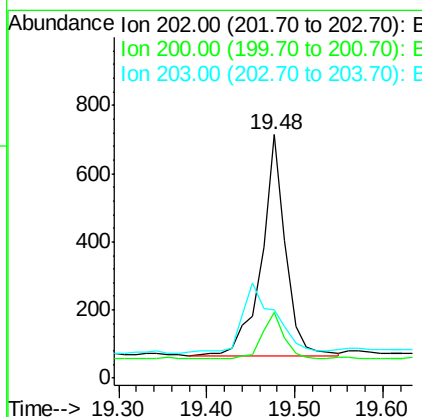
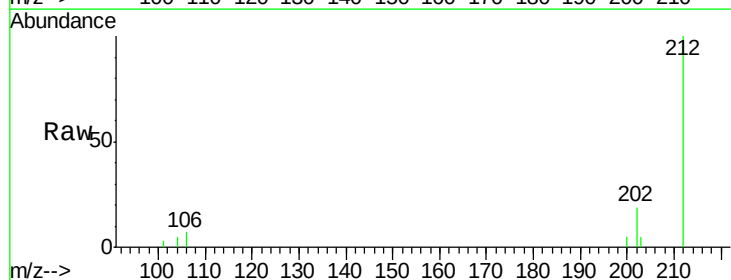
Instrument :
 BNA_M
 ClientSampleId :
 DA8X2

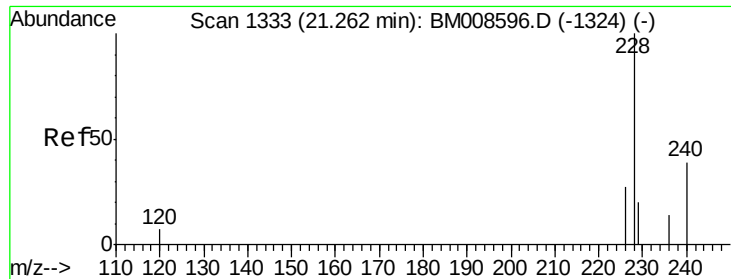
Tgt Ion:166 Resp: 217
 Ion Ratio Lower Upper
 166 100
 165 45.2 73.4 110.2#
 167 63.2 14.6 22.0#



#17
Pyrene
 Concen: 0.18 ng/ul
 RT: 19.48 min Scan# 1175
 Delta R.T. -0.03 min
 Lab File: BM008601.D
 Acq: 23 Dec 2016 18:32

Tgt Ion:202 Resp: 1215
 Ion Ratio Lower Upper
 202 100
 200 26.9 18.2 27.4
 203 28.3 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.10 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BM008601.D

Acq: 23 Dec 2016 18:32

Instrument :

BNA_M

ClientSampleId :

DA8X2

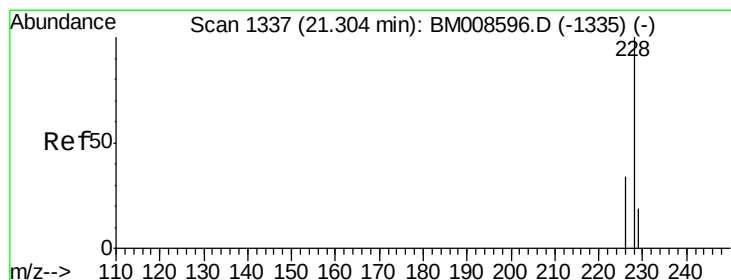
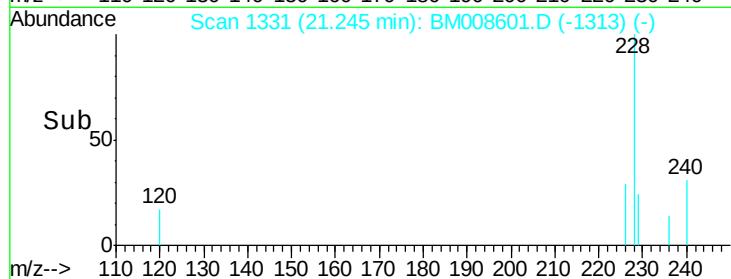
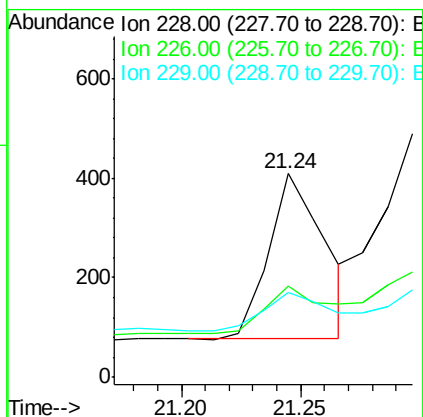
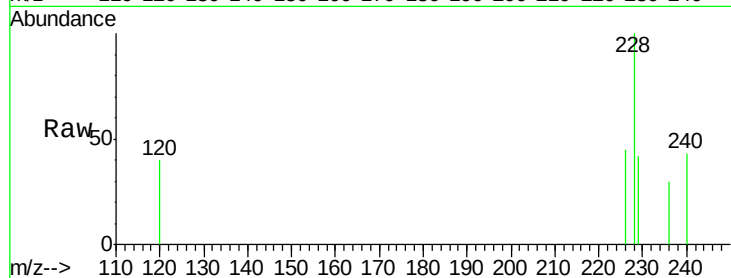
Tgt Ion:228 Resp: 542

Ion Ratio Lower Upper

228 100

226 45.0 22.8 34.2#

229 41.6 17.0 25.6#



#19

Chrysene

Concen: 0.12 ng/ul

RT: 21.30 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BM008601.D

Acq: 23 Dec 2016 18:32

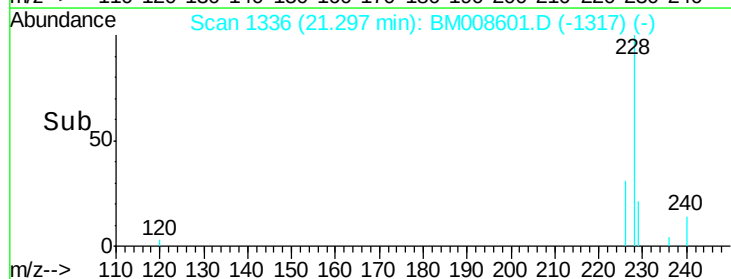
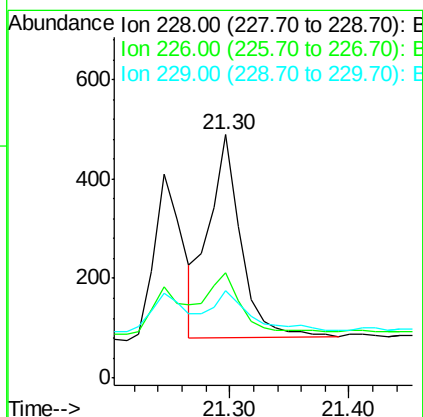
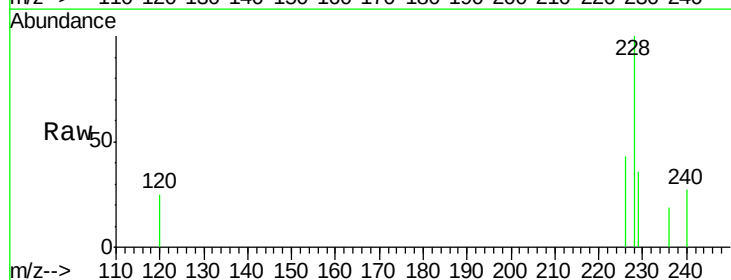
Tgt Ion:228 Resp: 760

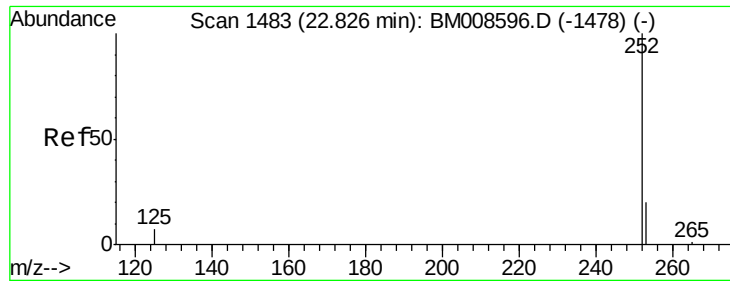
Ion Ratio Lower Upper

228 100

226 43.4 23.4 35.0#

229 35.8 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.13 ng/ul

RT: 22.81 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BM008601.D

Acq: 23 Dec 2016 18:32

Instrument :

BNA_M

ClientSampleId :

DA8X2

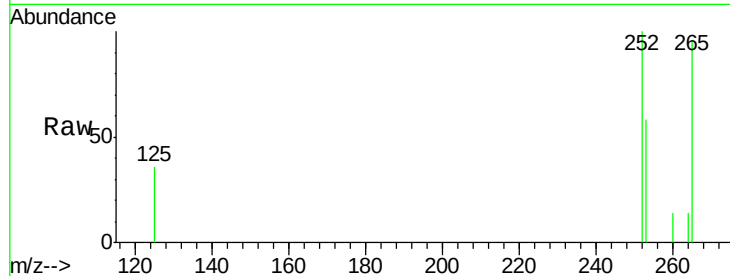
Tgt Ion:252 Resp: 1180

Ion Ratio Lower Upper

252 100

253 58.1 0.0 64.2

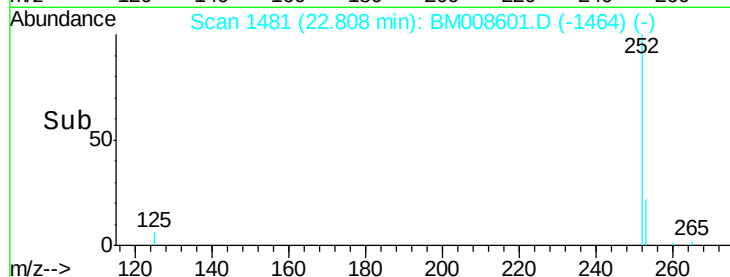
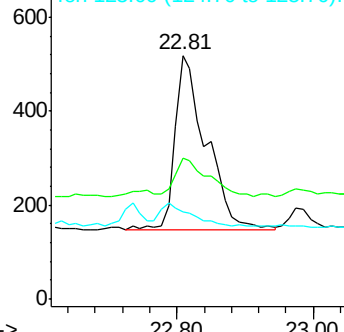
125 36.1 0.0 35.0#



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: 0.14 ng/ul

RT: 22.81 min Scan# 1481

Delta R.T. -0.07 min

Lab File: BM008601.D

Acq: 23 Dec 2016 18:32

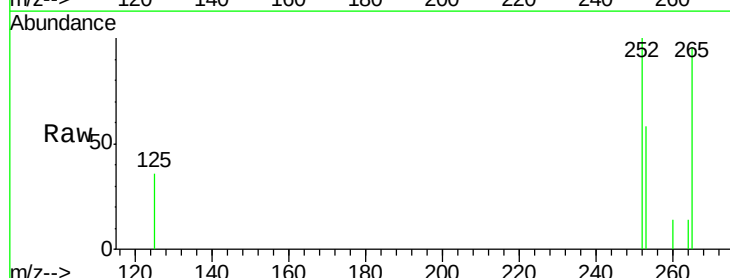
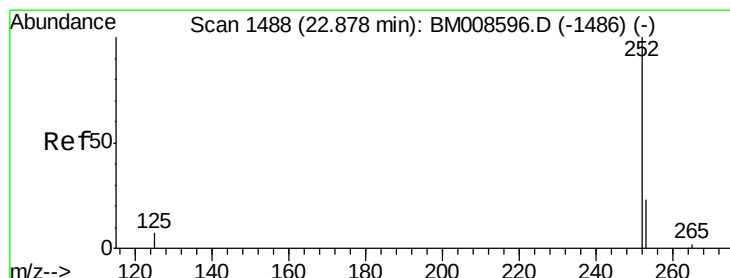
Tgt Ion:252 Resp: 1180

Ion Ratio Lower Upper

252 100

253 58.1 24.5 36.7#

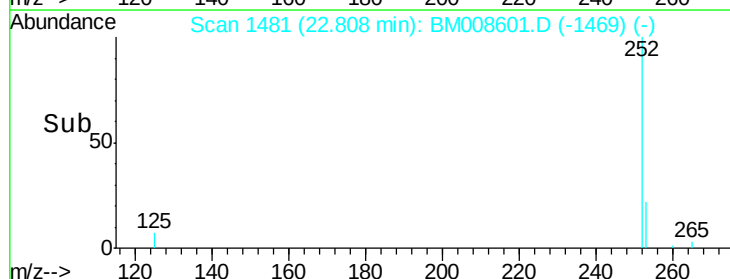
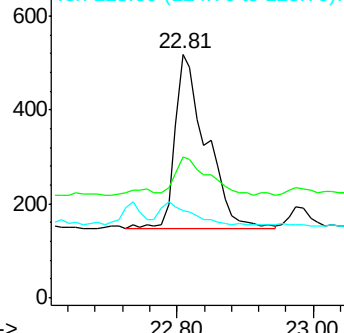
125 36.1 13.7 20.5#

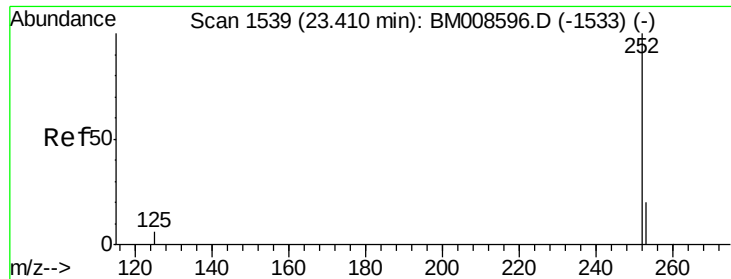


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 23.37 min Scan# 1535

Delta R.T. -0.04 min

Lab File: BM008601.D

Acq: 23 Dec 2016 18:32

Instrument :

BNA_M

ClientSampleId :

DA8X2

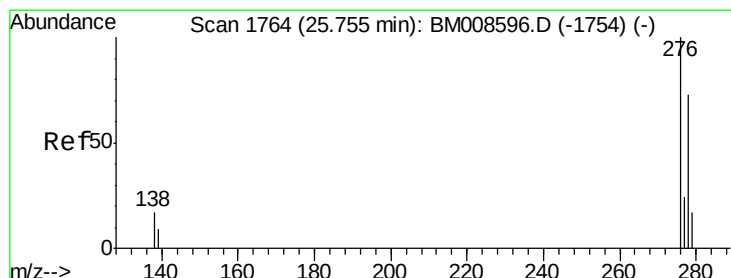
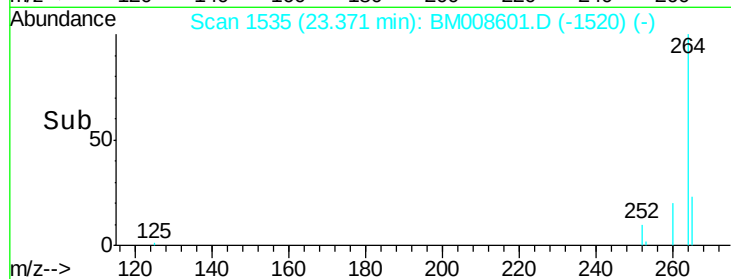
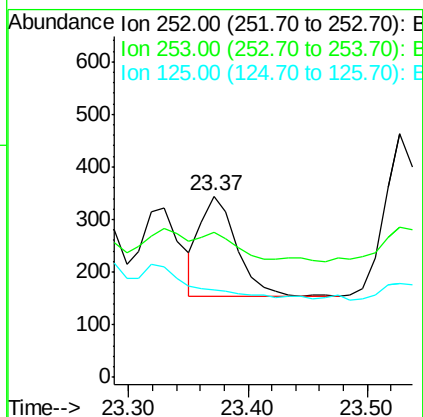
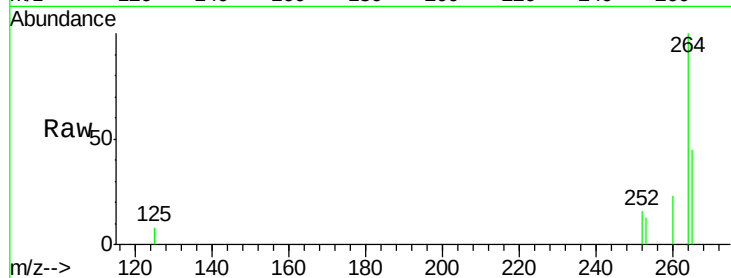
Tgt Ion: 252 Resp: 406

Ion Ratio Lower Upper

252 100

253 79.7 28.5 42.7#

125 48.4 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng/ul

RT: 25.75 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BM008601.D

Acq: 23 Dec 2016 18:32

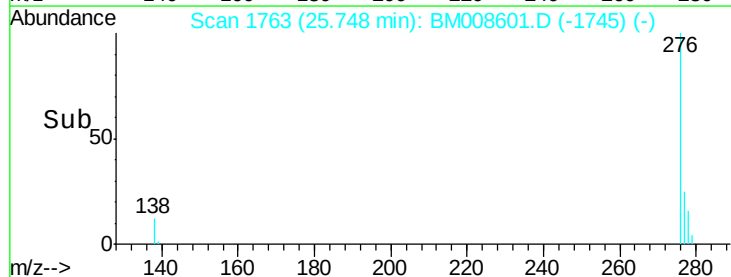
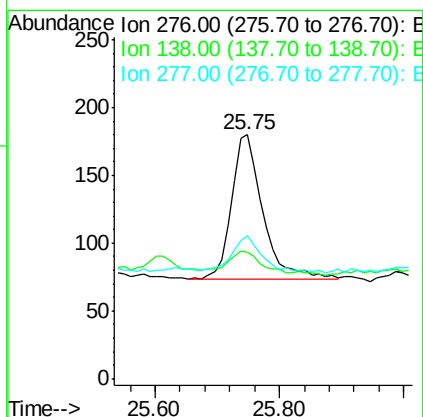
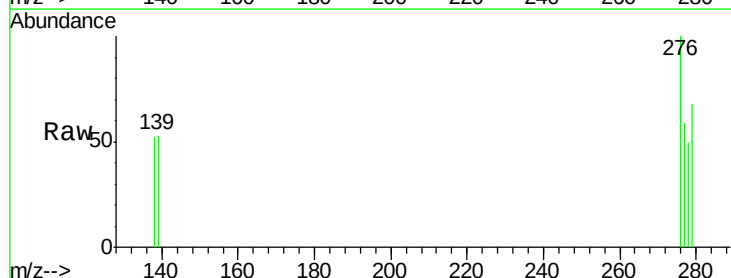
Tgt Ion: 276 Resp: 380

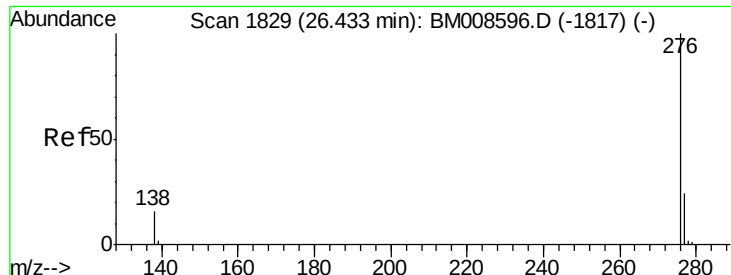
Ion Ratio Lower Upper

276 100

138 13.9 19.1 28.7#

277 26.1 19.6 29.4





#26

Benzo(g,h,i)perylene

Concen: 0.05 ng/ul

RT: 26.43 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM008601.D

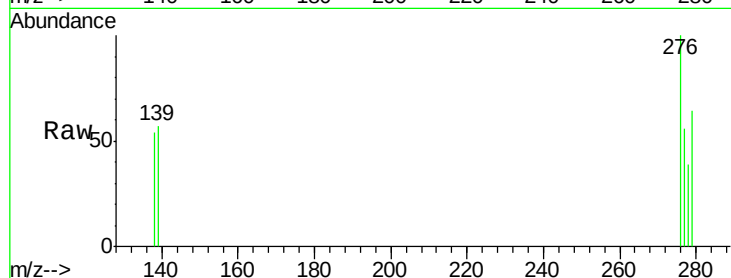
Acq: 23 Dec 2016 18:32

Instrument :

BNA_M

ClientSampleId :

DA8X2



Tgt Ion: 276 Resp: 411

Ion Ratio Lower Upper

276 100

277 55.8 21.8 32.8#

138 53.6 20.5 30.7#

