

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072816\
 Data File : BM006726.D
 Acq On : 28 Jul 2016 17:51
 Operator : UM/SJ
 Sample : H4068-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2548

Quant Time: Jul 28 18:35:44 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM072816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 15:44:03 2016
 Response via : Initial Calibration

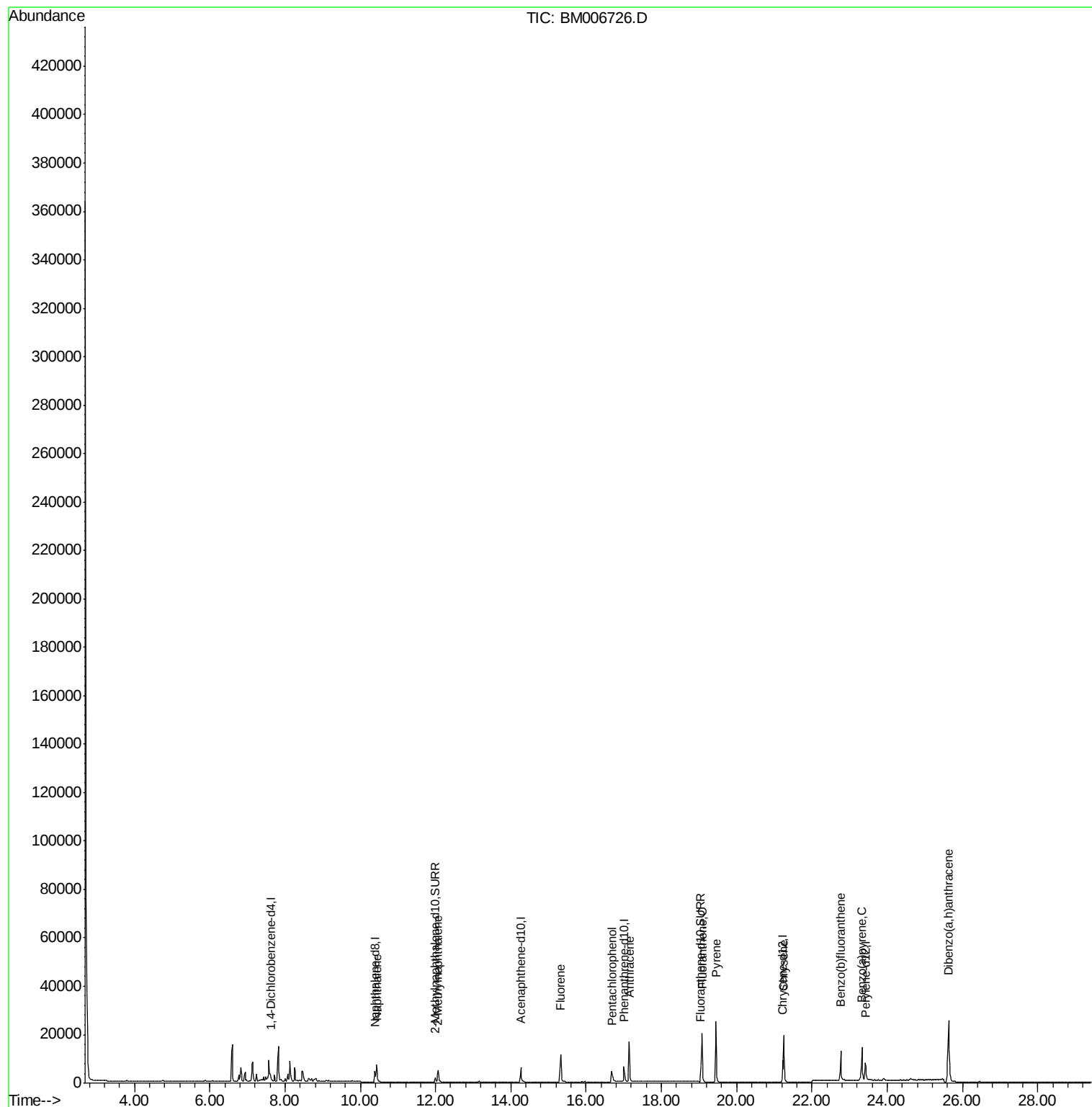
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2176	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7747	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4168	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	10270	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	10293	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	10042	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	3496	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	9842	0.36	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	12160	0.62	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	5481	0.41	ng/ul	100
9) Fluorene	15.32	166	9962	0.59	ng/ul	95
11) Pentachlorophenol	16.68	266	4998	3.87	ng/ul	96
13) Anthracene	17.14	178	21971	0.81	ng/ul	98
15) Fluoranthene	19.08	202	24733	0.62	ng/ul	94
17) Pyrene	19.45	202	26978	0.87	ng/ul	96
19) Chrysene	21.25	228	18783	0.66	ng/ul	93
21) Benzo(b)fluoranthene	22.76	252	17198	0.50	ng/ul	94
23) Benzo(a)pyrene	23.33	252	21957	0.69	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.63	278	44662	1.49	ng/ul#	95

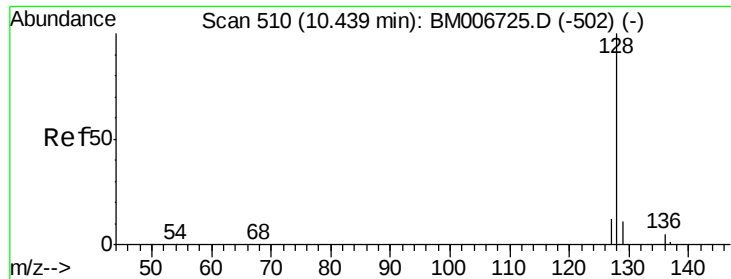
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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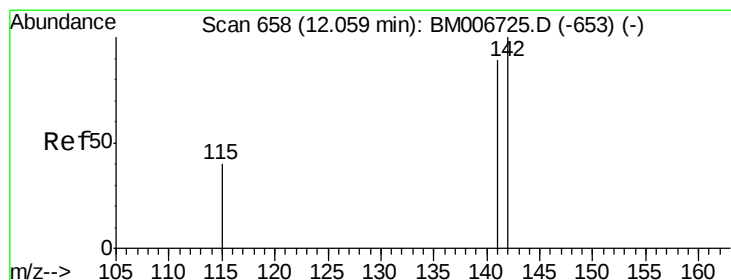
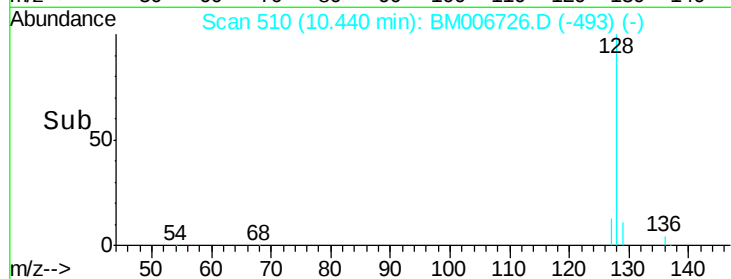
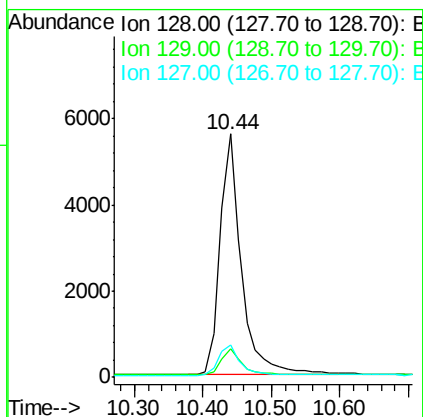
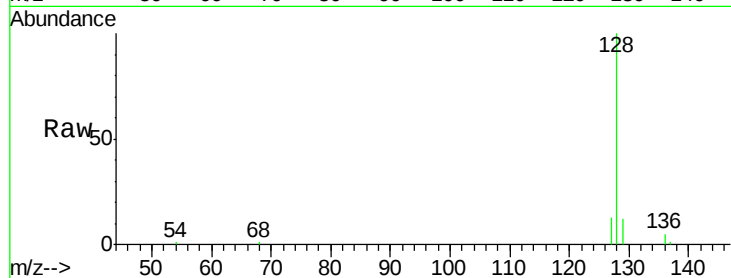




#3
Naphthalene
Concen: 0.62 ng/ul
RT: 10.44 min Scan# 510
Delta R.T. 0.00 min
Lab File: BM006726.D
Acq: 28 Jul 2016 17:51

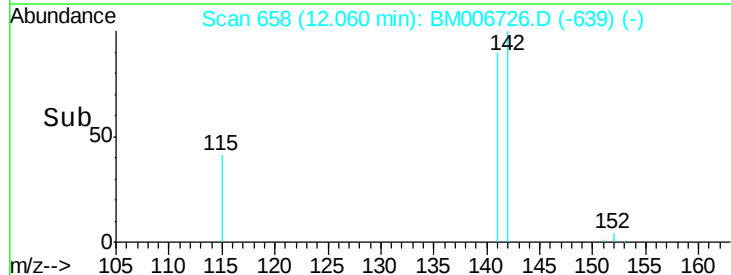
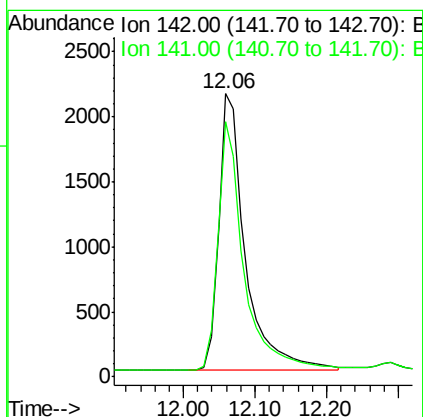
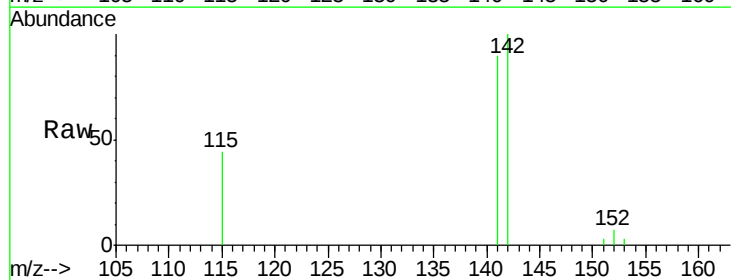
Instrument :
BNA_M
ClientSampleId :
X2548

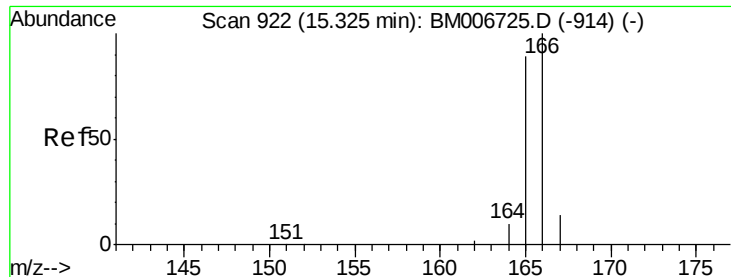
Tgt Ion:128 Resp: 12160
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.3 9.6 14.4



#5
2-Methylnaphthalene
Concen: 0.41 ng/ul
RT: 12.06 min Scan# 658
Delta R.T. 0.00 min
Lab File: BM006726.D
Acq: 28 Jul 2016 17:51

Tgt Ion:142 Resp: 5481
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5

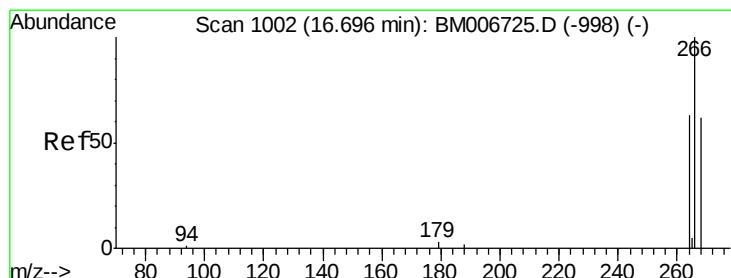
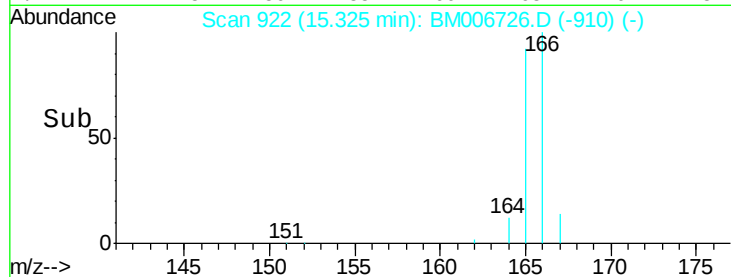
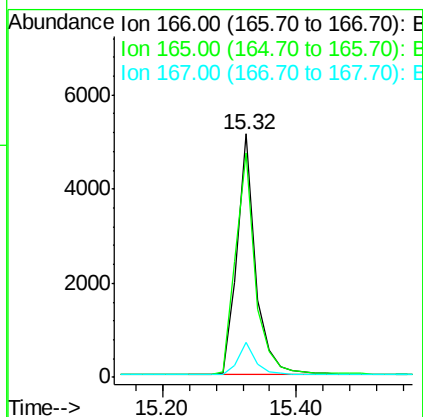
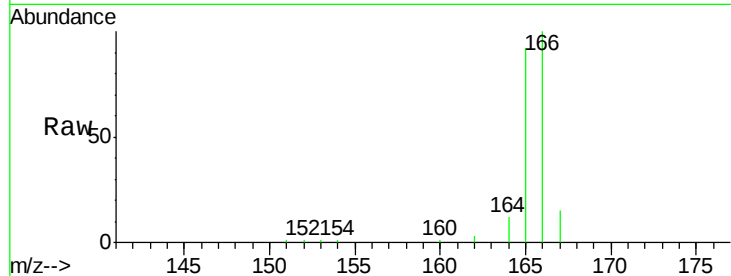




#9
Fluorene
 Concen: 0.59 ng/ul
 RT: 15.32 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BM006726.D
 Acq: 28 Jul 2016 17:51

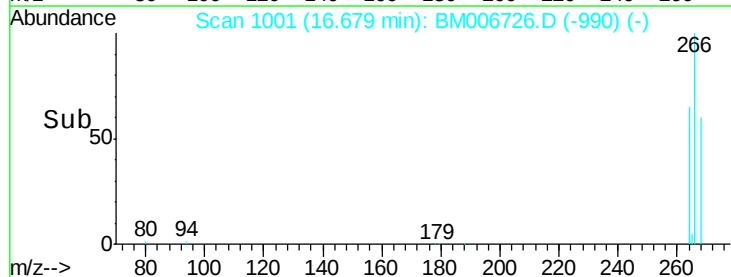
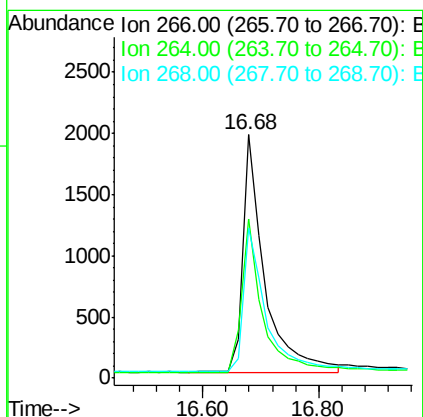
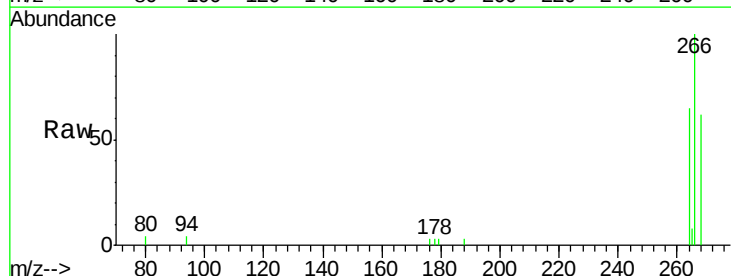
Instrument :
 BNA_M
 ClientSampleId :
 X2548

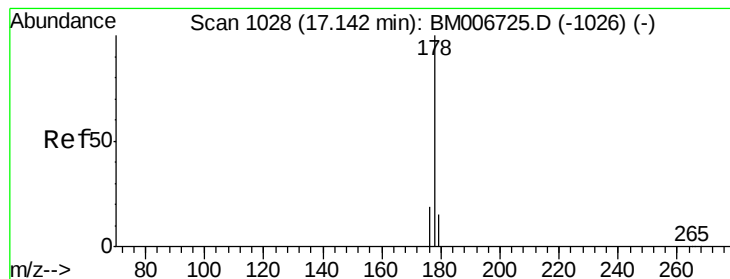
Tgt Ion:166 Resp: 9962
 Ion Ratio Lower Upper
 166 100
 165 92.3 69.6 104.4
 167 14.5 11.9 17.9



#11
Pentachlorophenol
 Concen: 3.87 ng/ul
 RT: 16.68 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BM006726.D
 Acq: 28 Jul 2016 17:51

Tgt Ion:266 Resp: 4998
 Ion Ratio Lower Upper
 266 100
 264 63.1 51.8 77.8
 268 63.4 46.8 70.2





#13

Anthracene

Concen: 0.81 ng/ul

RT: 17.14 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BM006726.D

Acq: 28 Jul 2016 17:51

Instrument :

BNA_M

ClientSampleId :

X2548

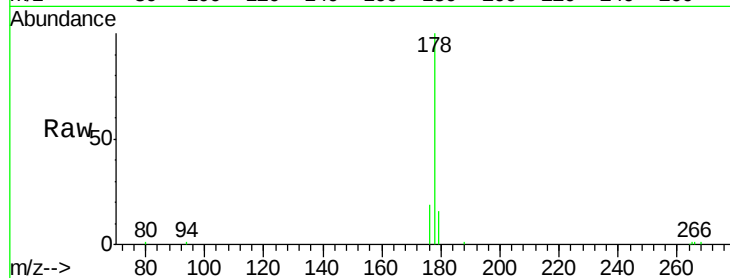
Tgt Ion:178 Resp: 21971

Ion Ratio Lower Upper

178 100

176 19.0 14.0 21.0

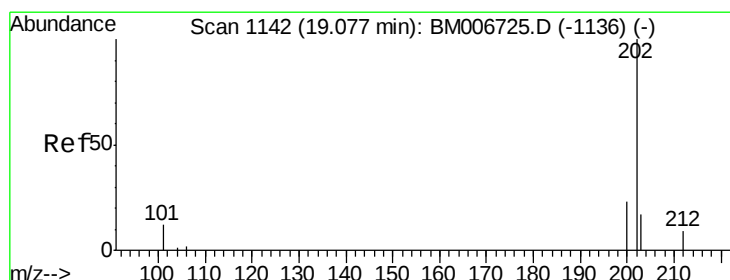
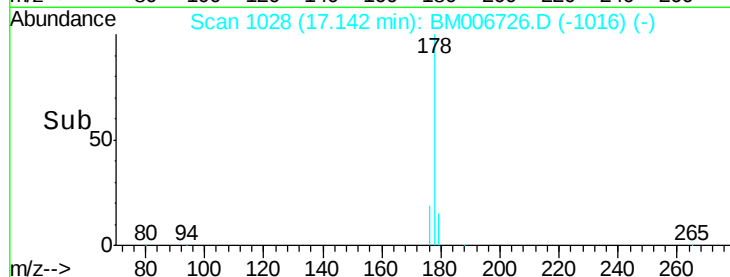
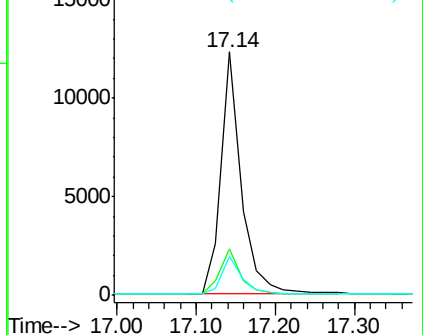
179 15.7 12.9 19.3



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: 0.62 ng/ul

RT: 19.08 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BM006726.D

Acq: 28 Jul 2016 17:51

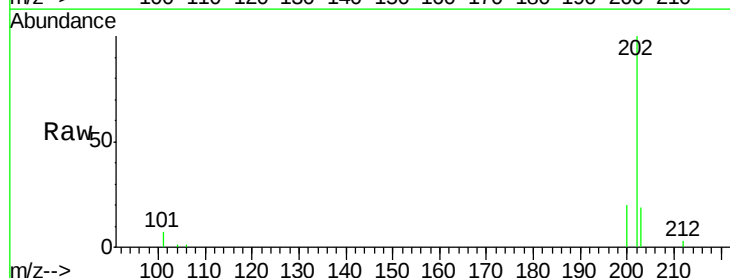
Tgt Ion:202 Resp: 24733

Ion Ratio Lower Upper

202 100

101 7.0 0.0 29.6

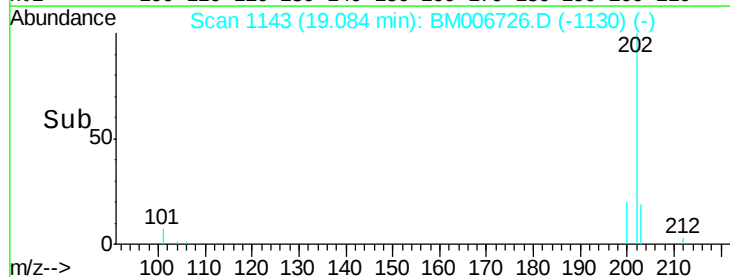
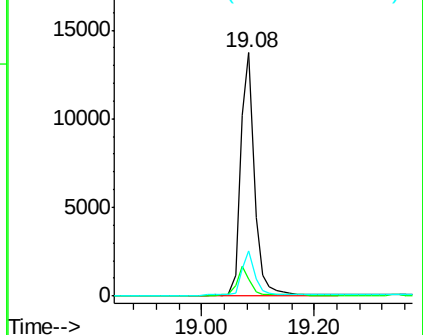
203 18.5 0.0 36.3

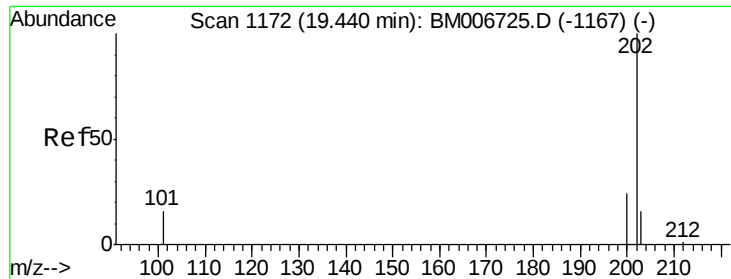


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

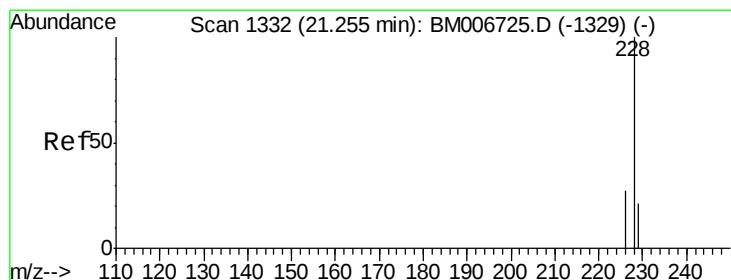
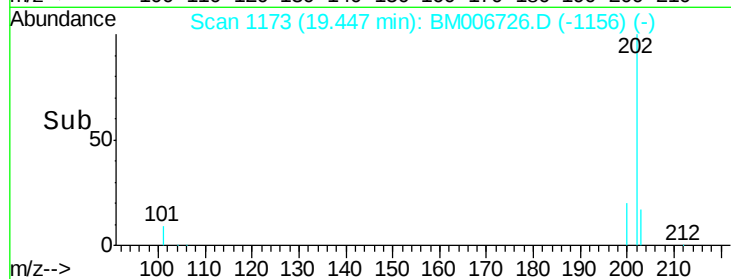
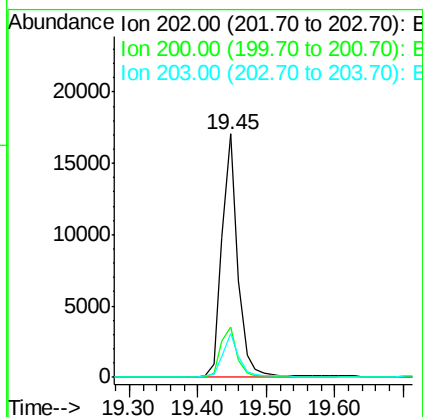
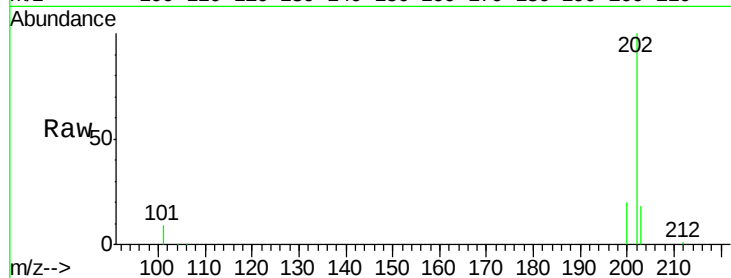




#17
Pyrene
 Concen: 0.87 ng/ul
 RT: 19.45 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BM006726.D
 Acq: 28 Jul 2016 17:51

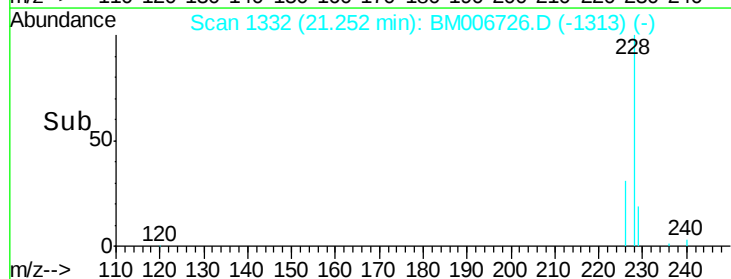
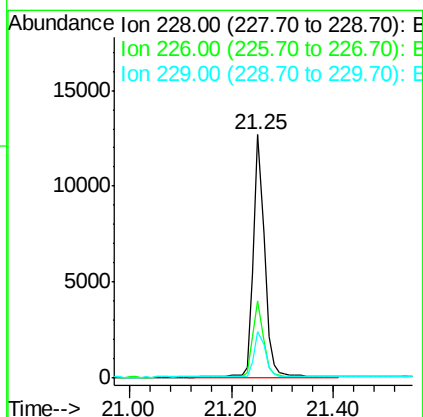
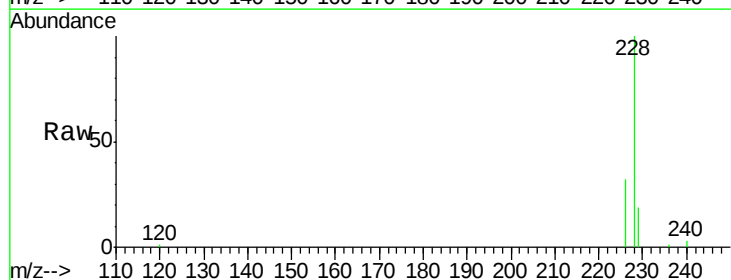
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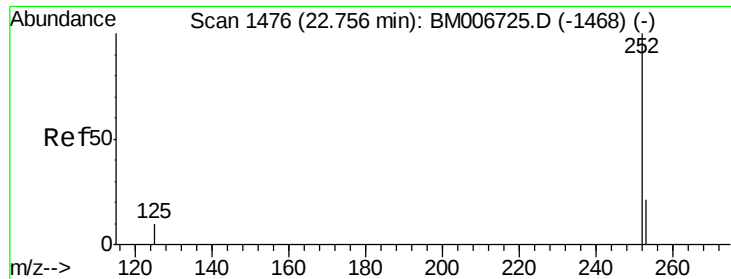
Tgt Ion: 202 Resp: 26978
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.8 26.8
 203 17.8 12.8 19.2



#19
Chrysene
 Concen: 0.66 ng/ul
 RT: 21.25 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BM006726.D
 Acq: 28 Jul 2016 17:51

Tgt Ion: 228 Resp: 18783
 Ion Ratio Lower Upper
 228 100
 226 31.6 21.2 31.8
 229 19.3 17.0 25.6





#21

Benzo(b)fluoranthene

Concen: 0.50 ng/ul

RT: 22.76 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BM006726.D

Acq: 28 Jul 2016 17:51

Instrument :

BNA_M

ClientSampleId :

X2548

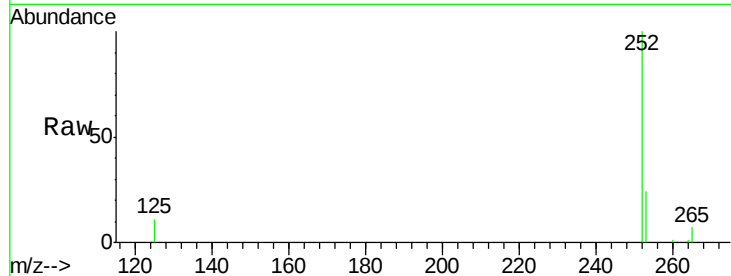
Tgt Ion:252 Resp: 17198

Ion Ratio Lower Upper

252 100

253 24.5 0.0 45.4

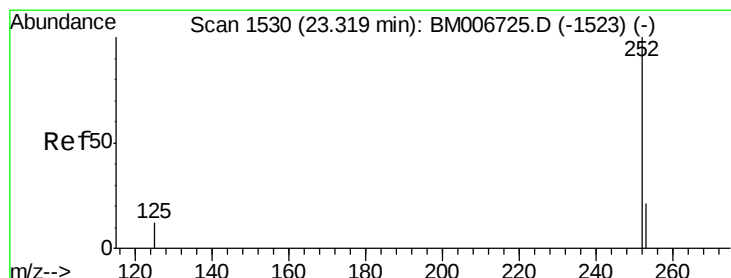
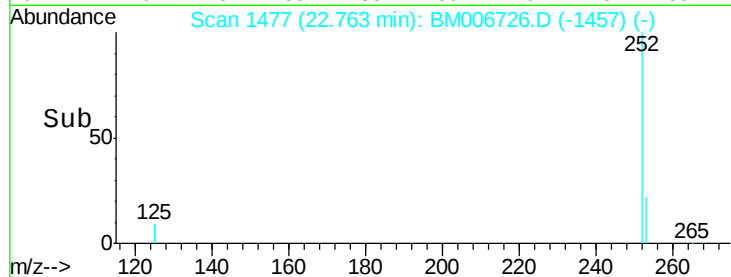
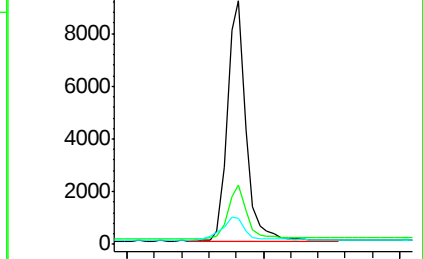
125 10.9 0.0 28.8



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: 0.69 ng/ul

RT: 23.33 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BM006726.D

Acq: 28 Jul 2016 17:51

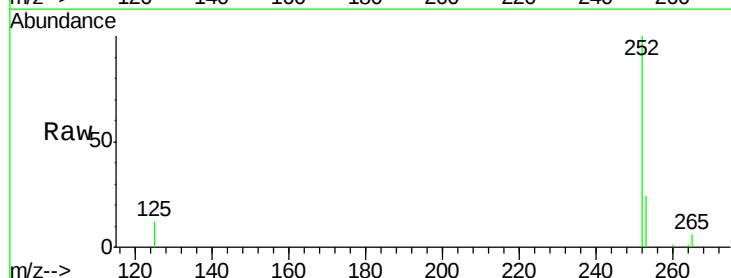
Tgt Ion:252 Resp: 21957

Ion Ratio Lower Upper

252 100

253 24.1 19.4 29.2

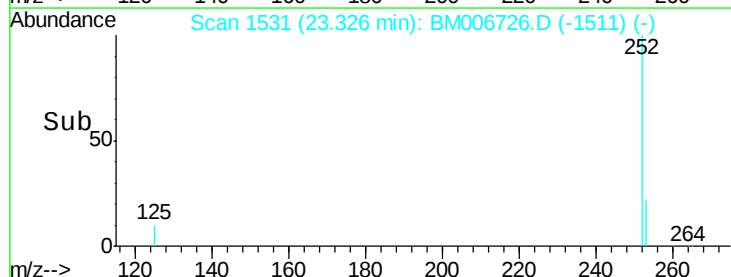
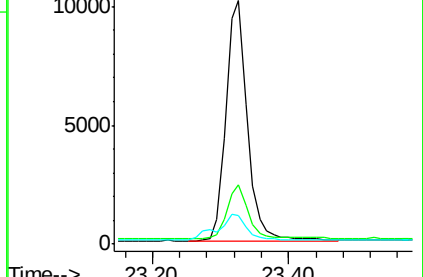
125 11.9 12.7 19.1#

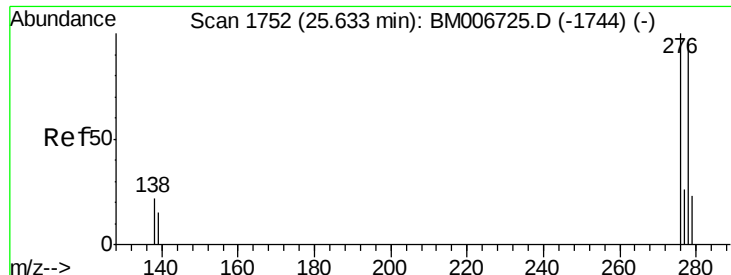


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Dibenzo(a,h)anthracene

Concen: 1.49 ng/ul

RT: 25.63 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BM006726.D

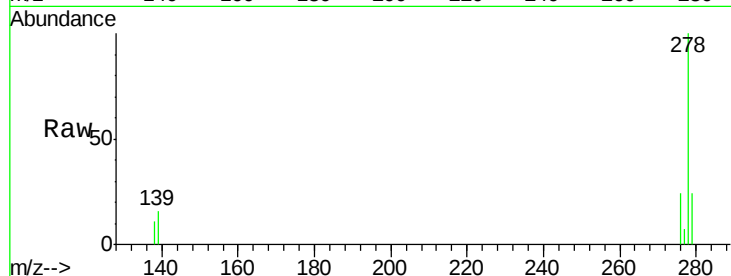
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Tgt Ion: 278 Resp: 44662

Ion Ratio Lower Upper

278 100

139 16.3 16.4 24.6#

279 24.4 20.2 30.2

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

