

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072816\
 Data File : BM006727.D
 Acq On : 28 Jul 2016 18:28
 Operator : UM/SJ
 Sample : H4068-03DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2548DL

Quant Time: Jul 28 19:01:42 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

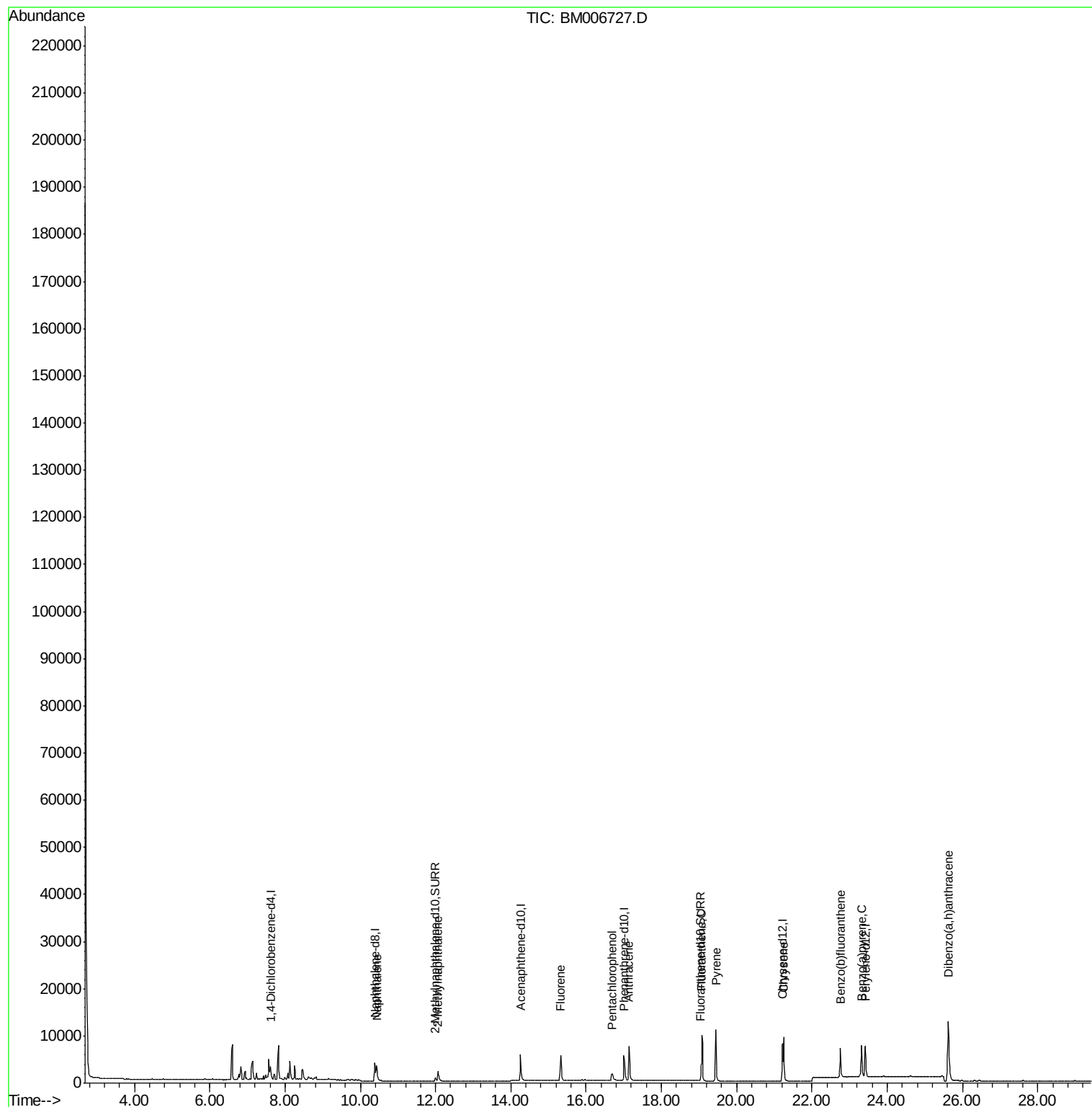
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2111	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7334	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3960	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	9751	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	9998	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	9912	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1676	0.18	ng/ul	0.01
14) Fluoranthene-d10	19.05	212	5179	0.20	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	5957	0.32	ng/ul	95
5) 2-Methylnaphthalene	12.07	142	2627	0.21	ng/ul	99
9) Fluorene	15.32	166	4854	0.30	ng/ul	90
11) Pentachlorophenol	16.70	266	2057	1.68	ng/ul	95
13) Anthracene	17.14	178	10564	0.41	ng/ul	96
15) Fluoranthene	19.08	202	12602	0.33	ng/ul	95
17) Pyrene	19.45	202	13344	0.44	ng/ul	94
19) Chrysene	21.26	228	9761	0.36	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	8938	0.26	ng/ul	96
23) Benzo(a)pyrene	23.32	252	11083	0.35	ng/ul	98
25) Dibenzo(a,h)anthracene	25.62	278	22807	0.77	ng/ul	96

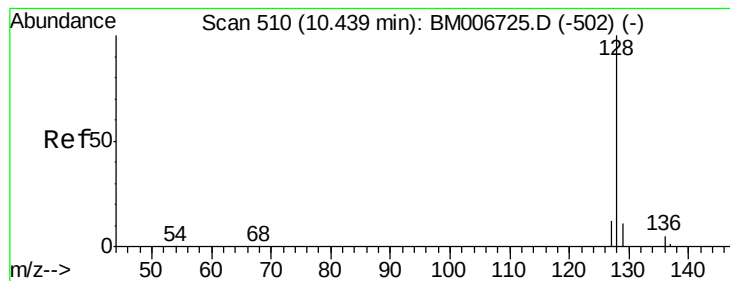
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.32 ng/ul

RT: 10.44 min Scan# 510

Delta R.T. -0.00 min

Lab File: BM006727.D

Acq: 28 Jul 2016 18:28

Instrument :

BNA_M

ClientSampleId :

X2548DL

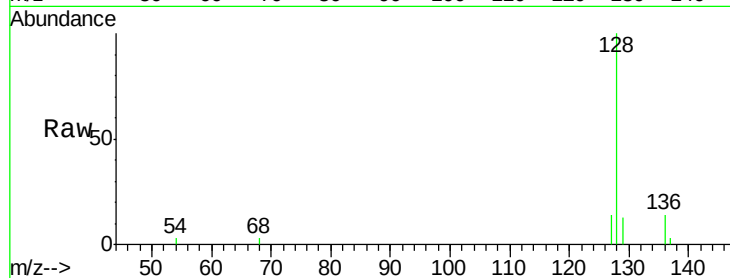
Tgt Ion:128 Resp: 5957

Ion Ratio Lower Upper

128 100

129 12.8 9.0 13.6

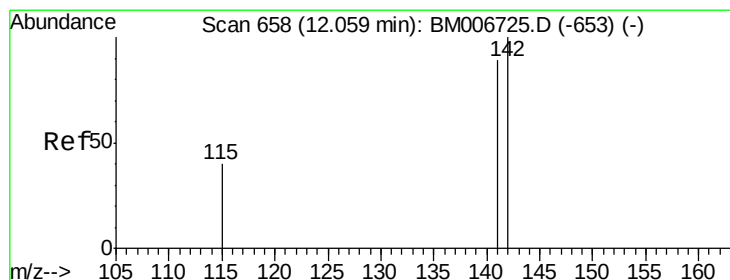
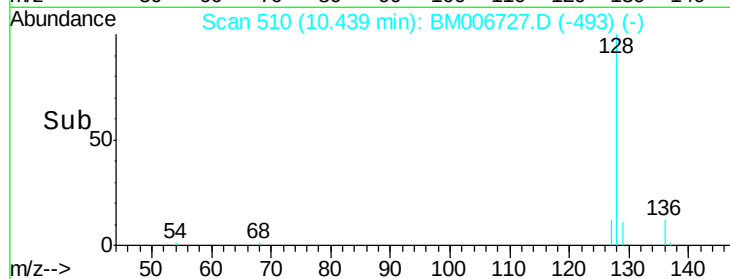
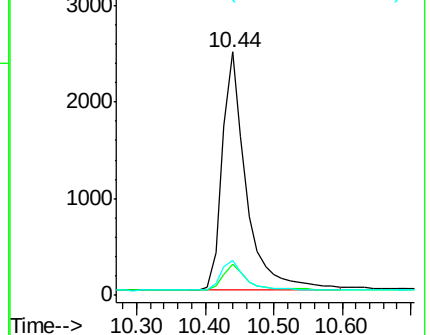
127 14.1 9.6 14.4



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: 0.21 ng/ul

RT: 12.07 min Scan# 659

Delta R.T. 0.01 min

Lab File: BM006727.D

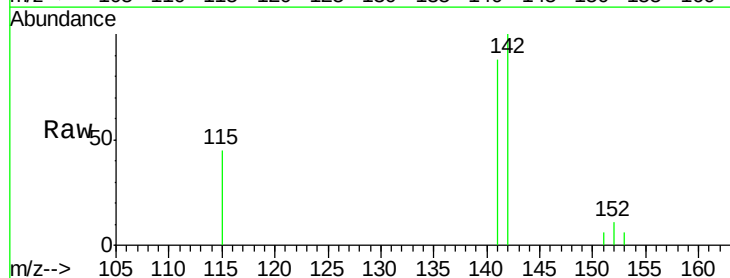
Acq: 28 Jul 2016 18:28

Tgt Ion:142 Resp: 2627

Ion Ratio Lower Upper

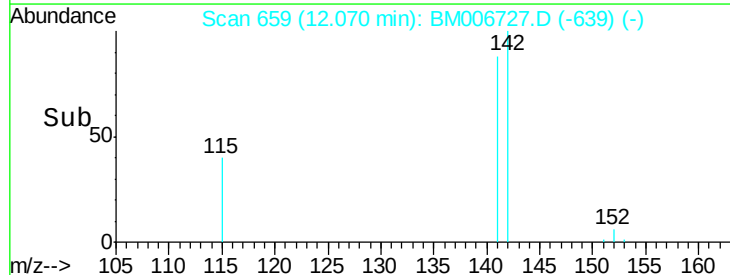
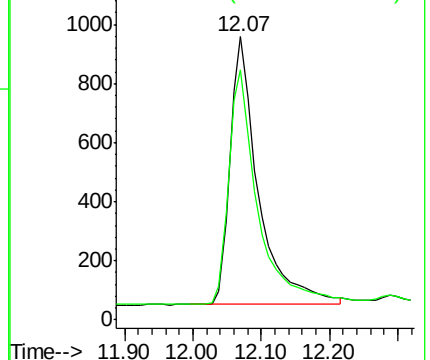
142 100

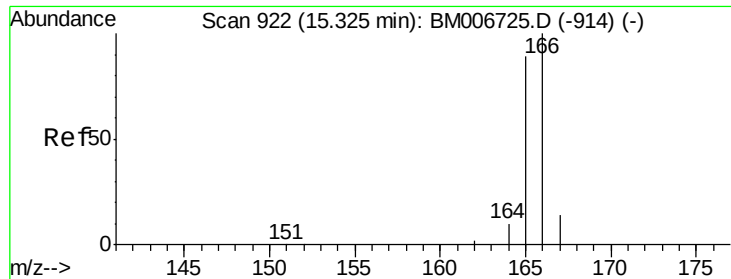
141 88.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.30 ng/ul

RT: 15.32 min Scan# 922

Delta R.T. -0.00 min

Lab File: BM006727.D

Acq: 28 Jul 2016 18:28

Instrument :

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X2548DL

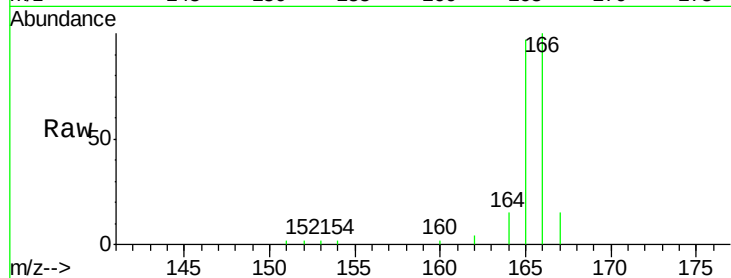
Tgt Ion:166 Resp: 4854

Ion Ratio Lower Upper

166 100

165 97.4 69.6 104.4

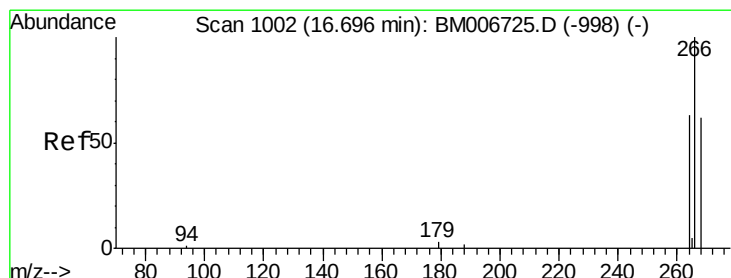
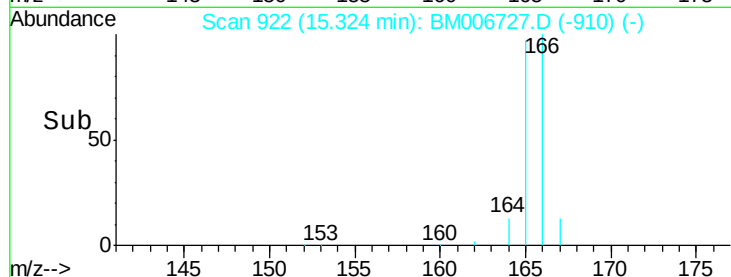
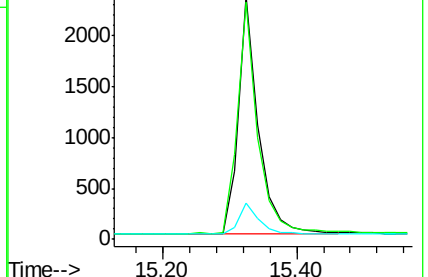
167 14.9 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 1.68 ng/ul

RT: 16.70 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BM006727.D

Acq: 28 Jul 2016 18:28

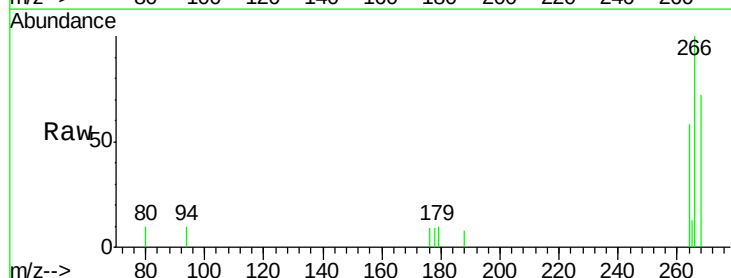
Tgt Ion:266 Resp: 2057

Ion Ratio Lower Upper

266 100

264 63.4 51.8 77.8

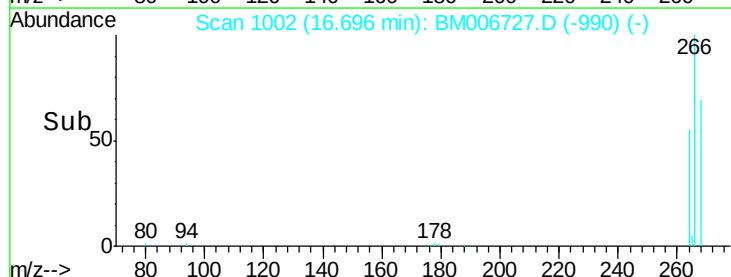
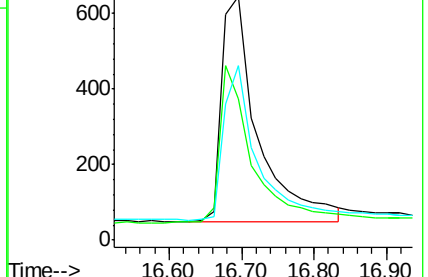
268 64.6 46.8 70.2

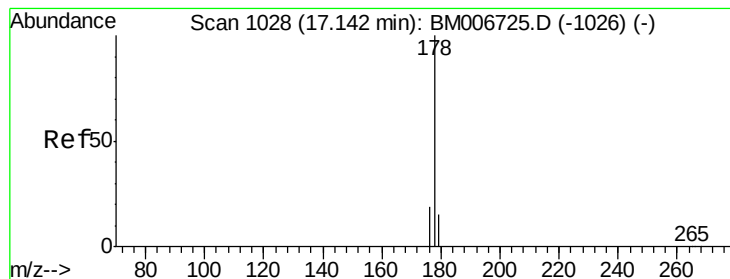


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#13

Anthracene

Concen: 0.41 ng/ul

RT: 17.14 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BM006727.D

Acq: 28 Jul 2016 18:28

Instrument :

BNA_M

ClientSampleId :

X2548DL

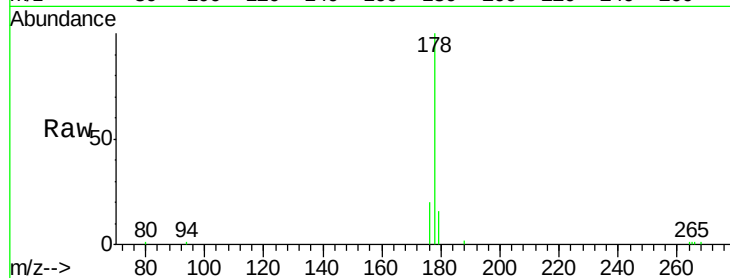
Tgt Ion:178 Resp: 10564

Ion Ratio Lower Upper

178 100

176 20.0 14.0 21.0

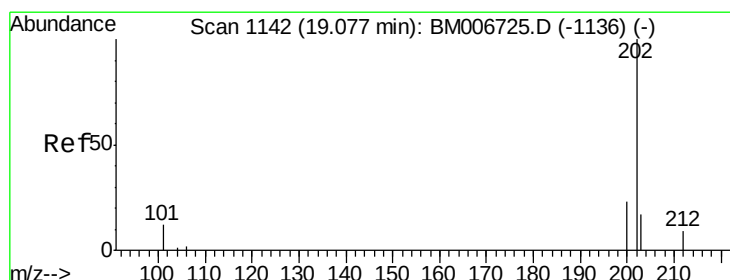
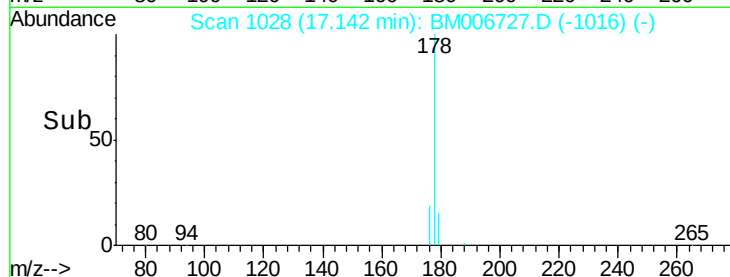
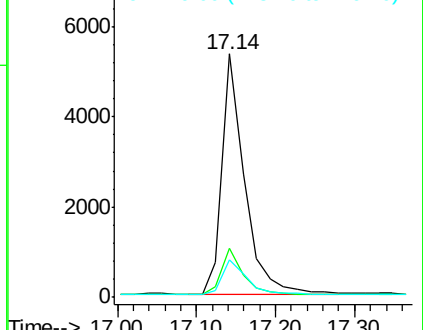
179 15.5 12.9 19.3



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: 0.33 ng/ul

RT: 19.08 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BM006727.D

Acq: 28 Jul 2016 18:28

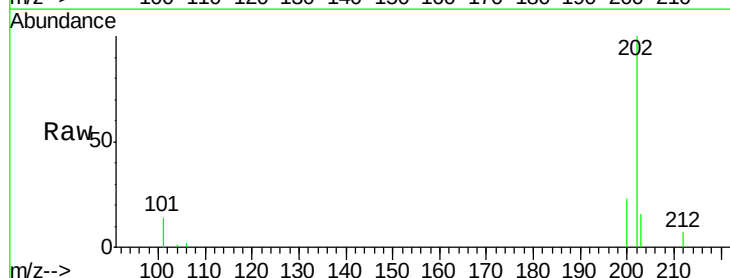
Tgt Ion:202 Resp: 12602

Ion Ratio Lower Upper

202 100

101 14.2 0.0 29.6

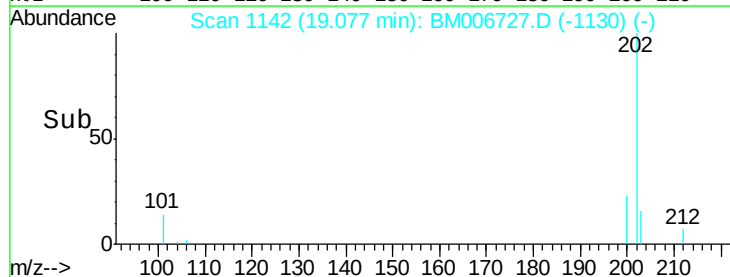
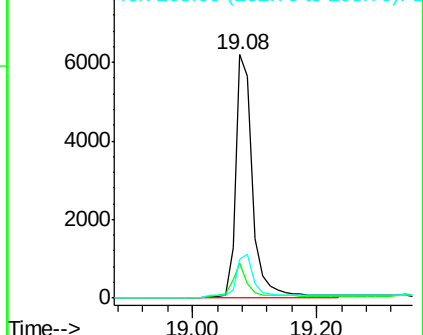
203 16.2 0.0 36.3

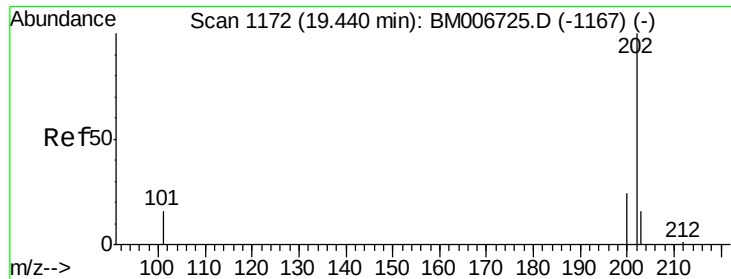


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

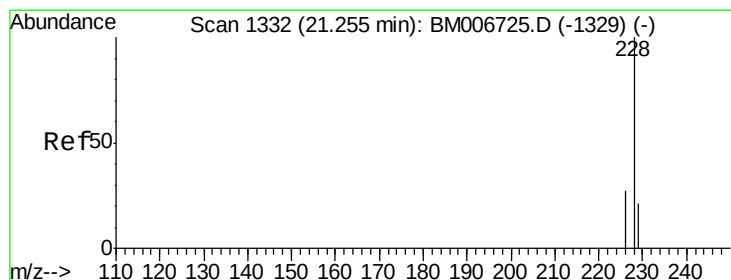
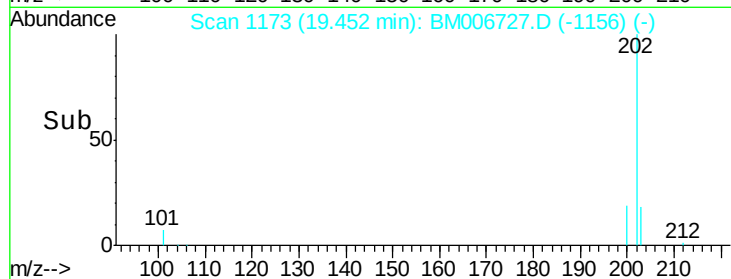
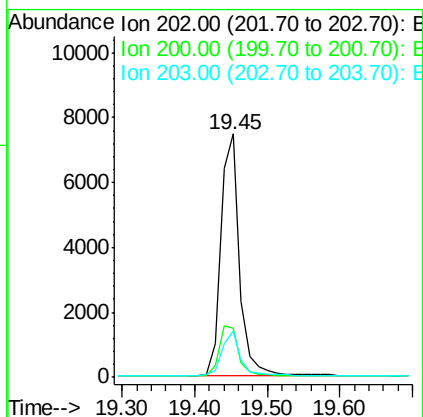
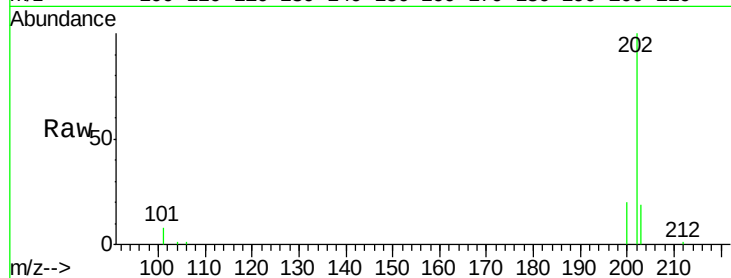




#17
Pyrene
 Concen: 0.44 ng/ul
 RT: 19.45 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BM006727.D
 Acq: 28 Jul 2016 18:28

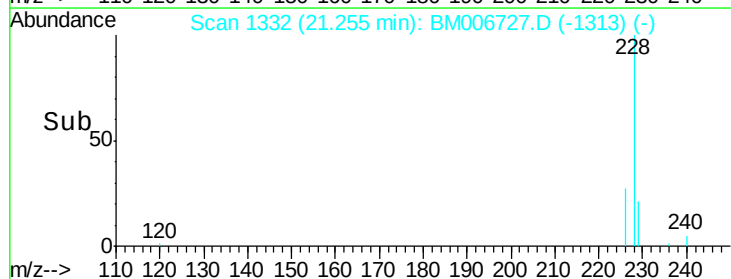
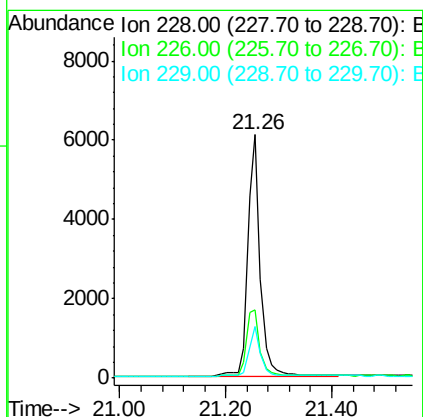
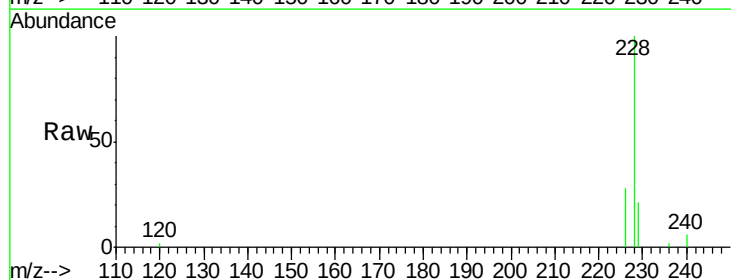
Instrument :
 BNA_M
 ClientSampleId :
 X2548DL

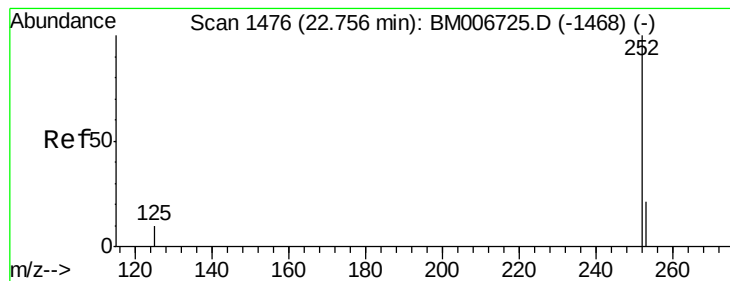
Tgt Ion:202 Resp: 13344
 Ion Ratio Lower Upper
 202 100
 200 19.9 17.8 26.8
 203 19.0 12.8 19.2



#19
Chrysene
 Concen: 0.36 ng/ul
 RT: 21.26 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BM006727.D
 Acq: 28 Jul 2016 18:28

Tgt Ion:228 Resp: 9761
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.2 31.8
 229 21.3 17.0 25.6





#21

Benzo(b)fluoranthene

Concen: 0.26 ng/ul

RT: 22.76 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BM006727.D

Acq: 28 Jul 2016 18:28

Instrument :

BNA_M

ClientSampleId :

X2548DL

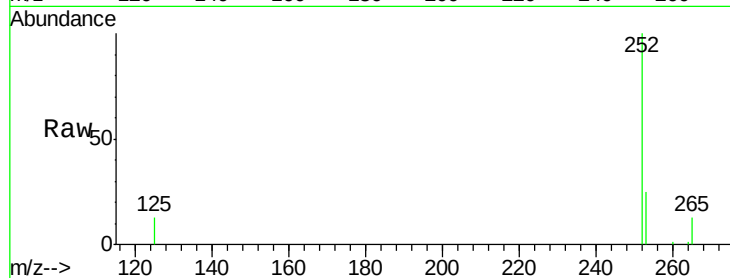
Tgt Ion:252 Resp: 8938

Ion Ratio Lower Upper

252 100

253 25.0 0.0 45.4

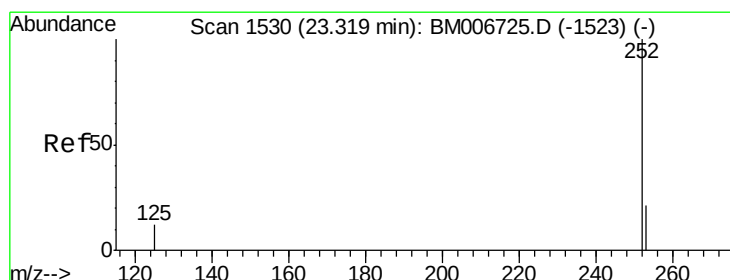
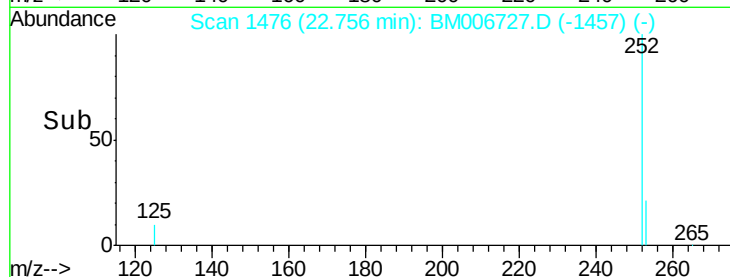
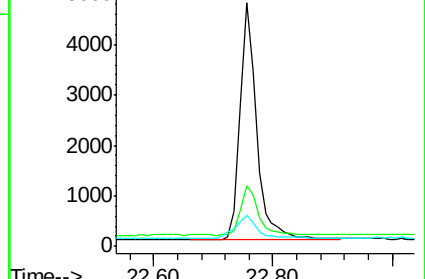
125 12.9 0.0 28.8



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: 0.35 ng/ul

RT: 23.32 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BM006727.D

Acq: 28 Jul 2016 18:28

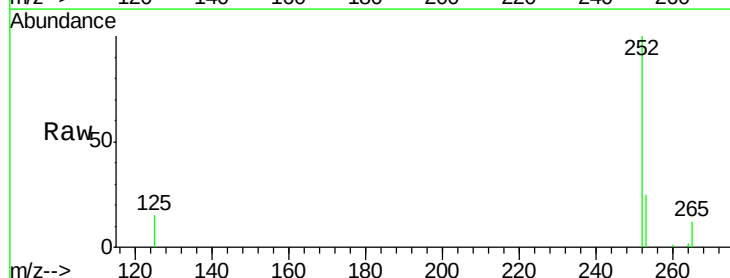
Tgt Ion:252 Resp: 11083

Ion Ratio Lower Upper

252 100

253 25.0 19.4 29.2

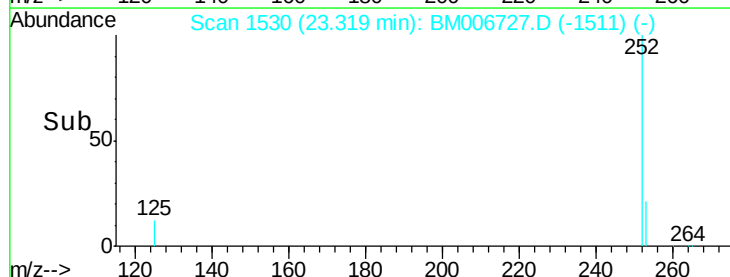
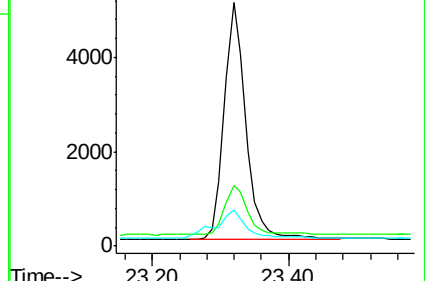
125 14.7 12.7 19.1

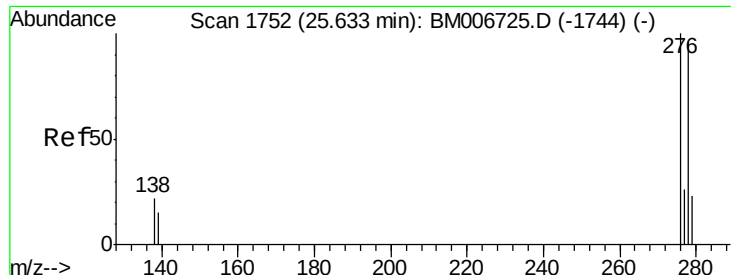


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.77 ng/ul

RT: 25.62 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BM006727.D

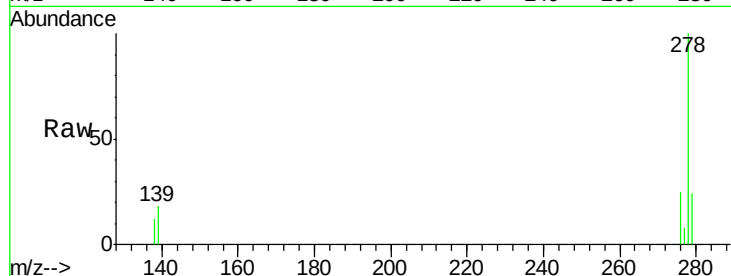
Acq: 28 Jul 2016 18:28

Instrument :

BNA_M

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X2548DL



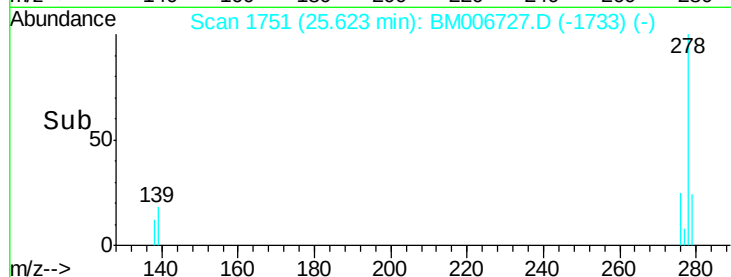
Tgt Ion: 278 Resp: 22807

Ion Ratio Lower Upper

278 100

139 17.9 16.4 24.6

279 24.2 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

