

Data Path : Z:\HPCHEM1\BNA_M\Data\BM072916\
 Data File : BM006733.D
 Acq On : 29 Jul 2016 10:56
 Operator : UM/SJ
 Sample : H4068-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2553

Quant Time: Jul 29 12:43:06 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

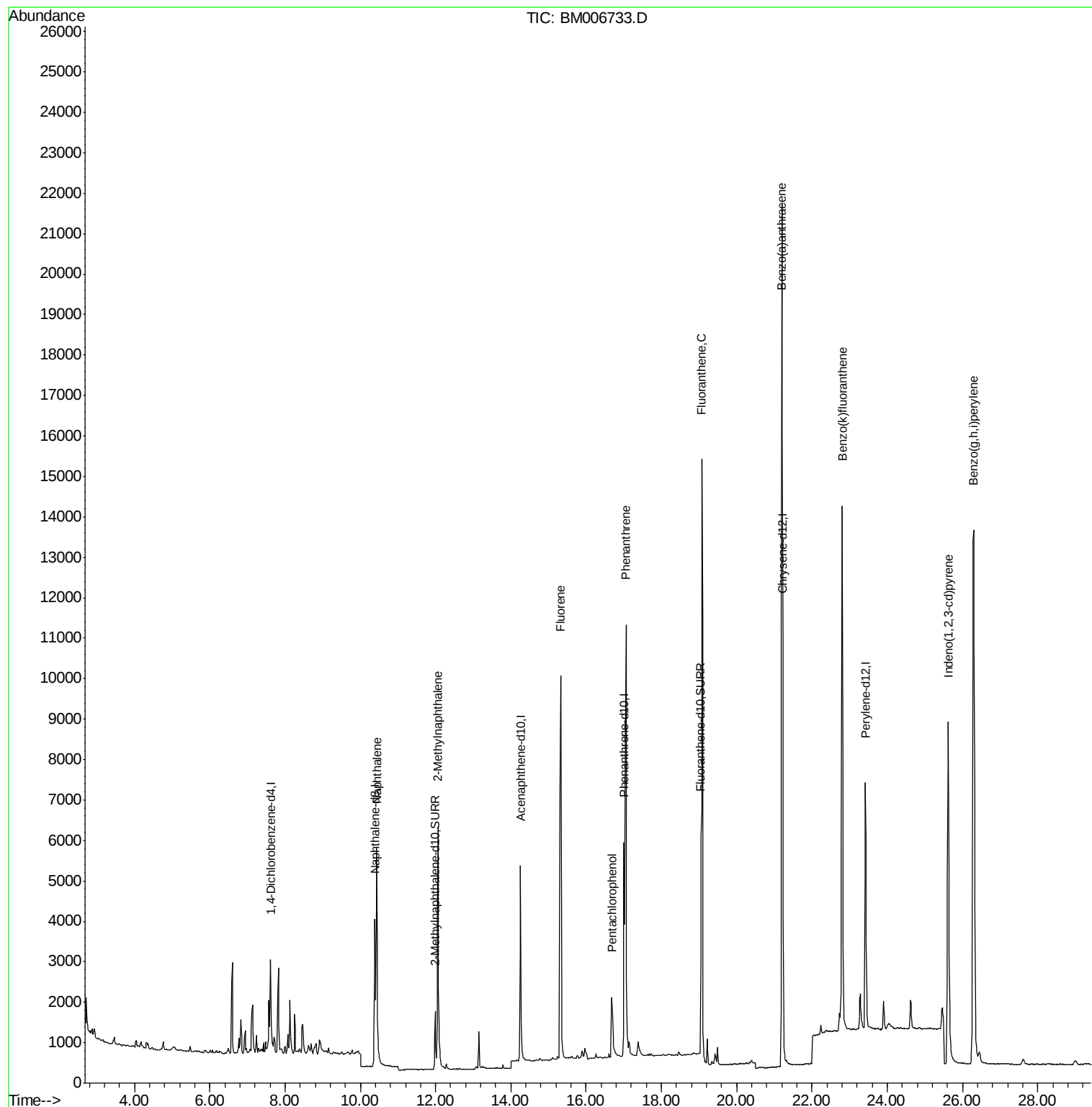
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1731	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	6115	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3295	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	8014	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	8907	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	8465	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2447	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	7891	0.37	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.44	128	8832	0.57	ng/ul	97
5) 2-Methylnaphthalene	12.06	142	5553	0.53	ng/ul	99
9) Fluorene	15.32	166	8679	0.65	ng/ul	99
11) Pentachlorophenol	16.68	266	1833	1.82	ng/ul	96
12) Phenanthrene	17.06	178	15877	0.71	ng/ul	98
15) Fluoranthene	19.08	202	17943	0.58	ng/ul	97
18) Benzo(a)anthracene	21.20	228	20206	0.83	ng/ul	95
22) Benzo(k)fluoranthene	22.81	252	20486	0.74	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.62	276	17914	0.53	ng/ul	98
26) Benzo(g,h,i)perylene	26.30	276	30403	1.12	ng/ul#	92

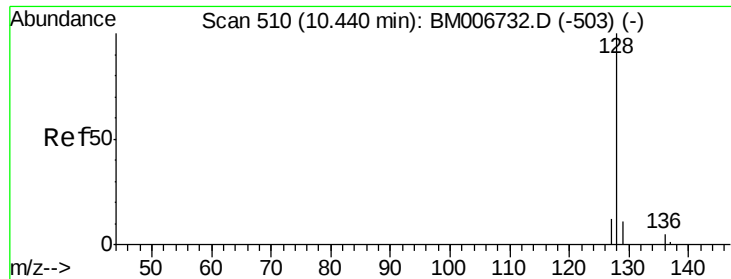
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.57 ng/ul

RT: 10.44 min Scan# 510

Delta R.T. -0.00 min

Lab File: BM006733.D

Acq: 29 Jul 2016 10:56

Instrument :

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ClientSampleId :

X2553

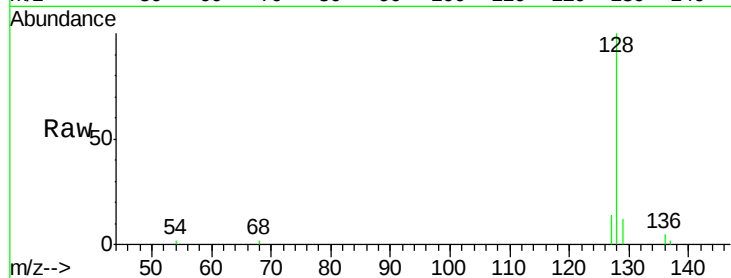
Tgt Ion:128 Resp: 8832

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

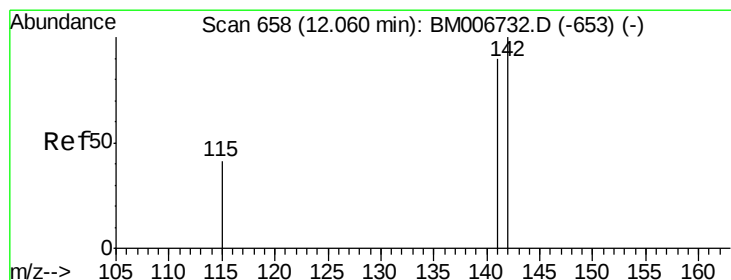
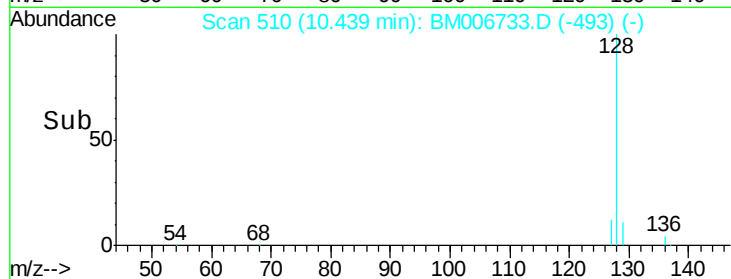
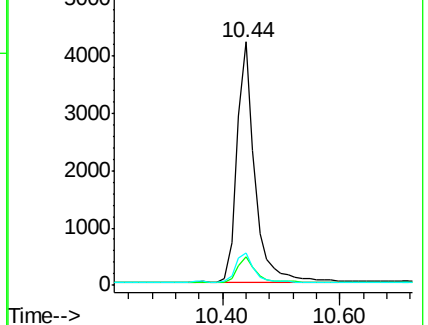
127 13.5 9.6 14.4



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: 0.53 ng/ul

RT: 12.06 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM006733.D

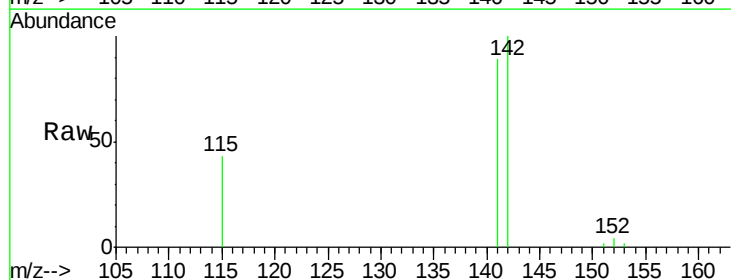
Acq: 29 Jul 2016 10:56

Tgt Ion:142 Resp: 5553

Ion Ratio Lower Upper

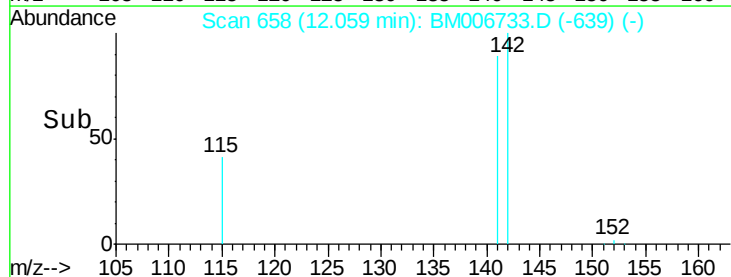
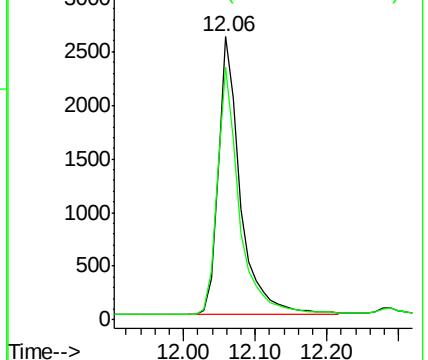
142 100

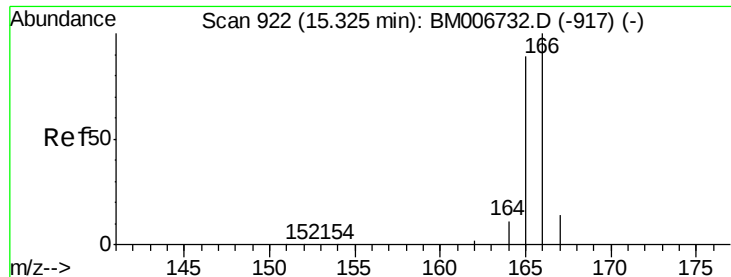
141 88.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

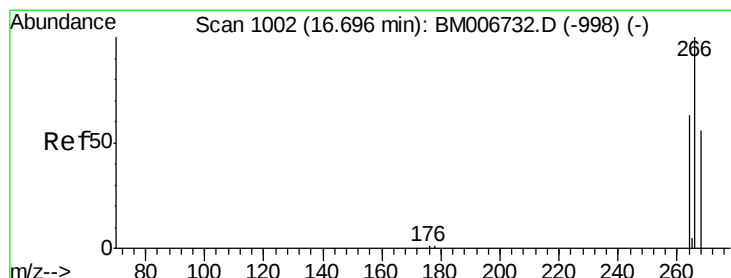
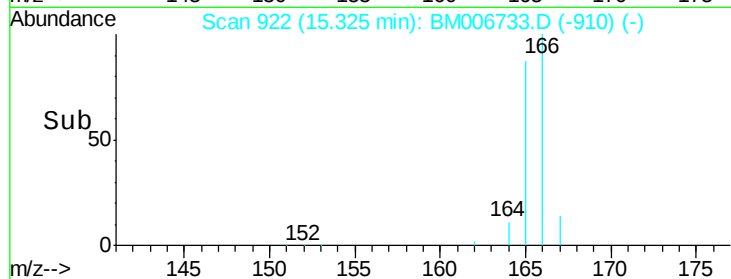
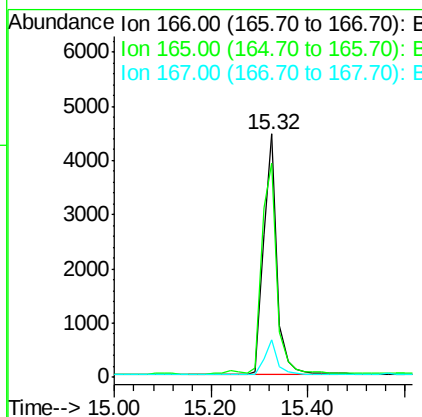
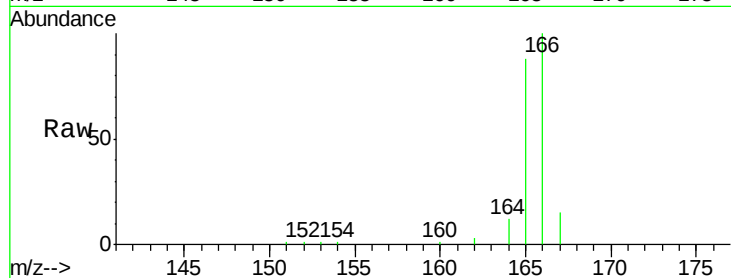




#9
Fluorene
 Concen: 0.65 ng/ul
 RT: 15.32 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BM006733.D
 Acq: 29 Jul 2016 10:56

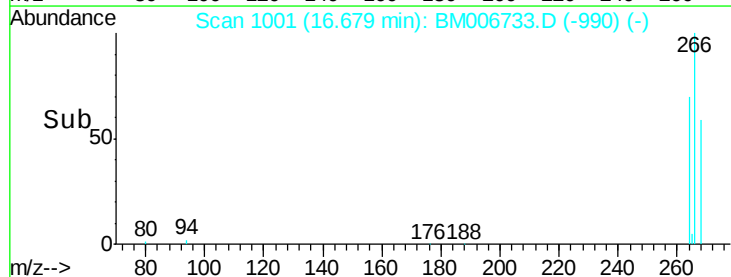
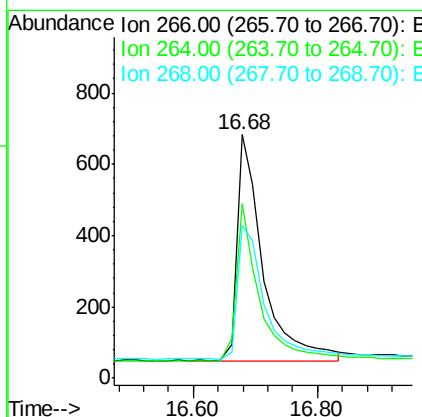
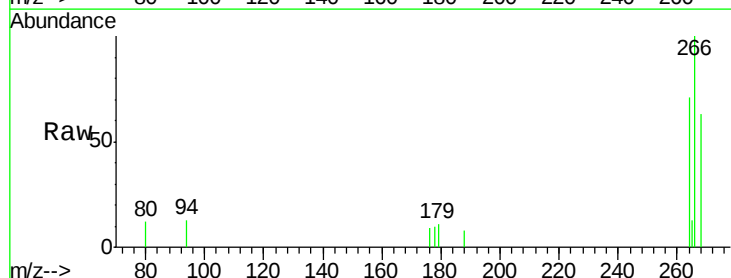
Instrument :
 BNA_M
 ClientSampleId :
 X2553

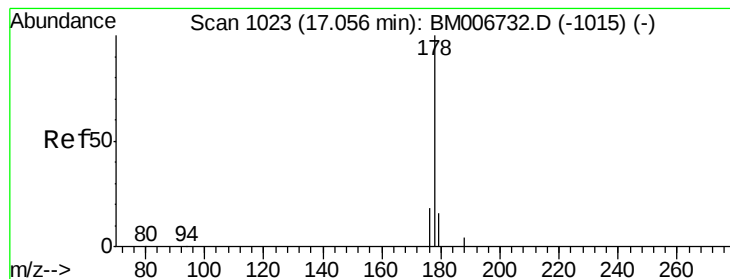
Tgt Ion:166 Resp: 8679
 Ion Ratio Lower Upper
 166 100
 165 87.8 69.6 104.4
 167 15.2 11.9 17.9



#11
Pentachlorophenol
 Concen: 1.82 ng/ul
 RT: 16.68 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BM006733.D
 Acq: 29 Jul 2016 10:56

Tgt Ion:266 Resp: 1833
 Ion Ratio Lower Upper
 266 100
 264 63.4 51.8 77.8
 268 63.3 46.8 70.2





#12

Phenanthrene

Concen: 0.71 ng/ul

RT: 17.06 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BM006733.D

Acq: 29 Jul 2016 10:56

Instrument :

BNA_M

ClientSampleId :

X2553

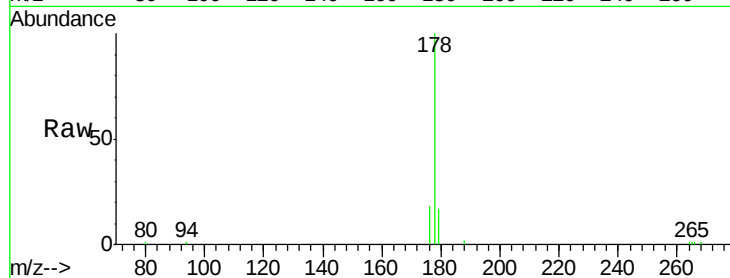
Tgt Ion:178 Resp: 15877

Ion Ratio Lower Upper

178 100

176 17.9 13.0 19.4

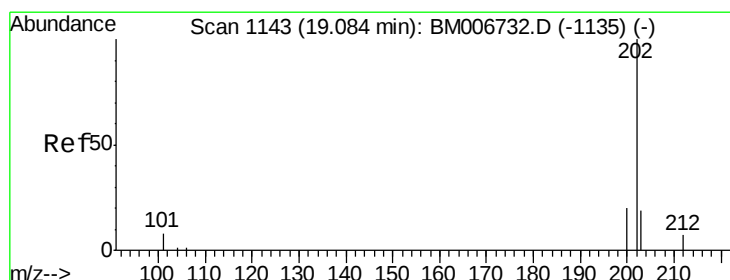
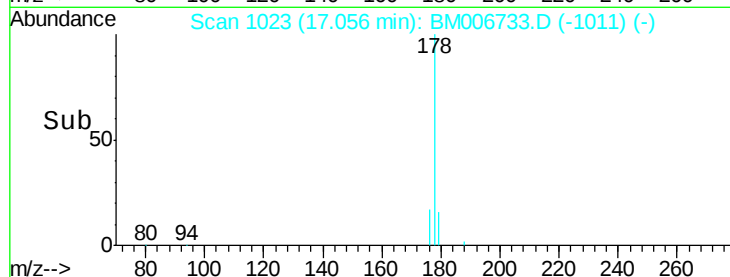
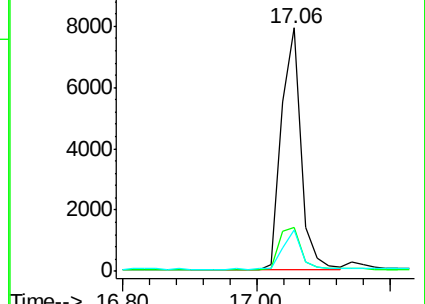
179 17.2 14.2 21.2



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: 0.58 ng/ul

RT: 19.08 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BM006733.D

Acq: 29 Jul 2016 10:56

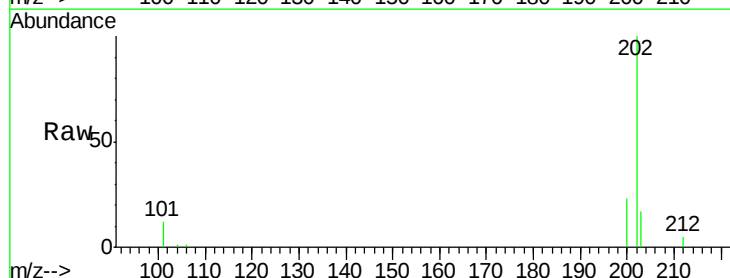
Tgt Ion:202 Resp: 17943

Ion Ratio Lower Upper

202 100

101 11.8 0.0 29.6

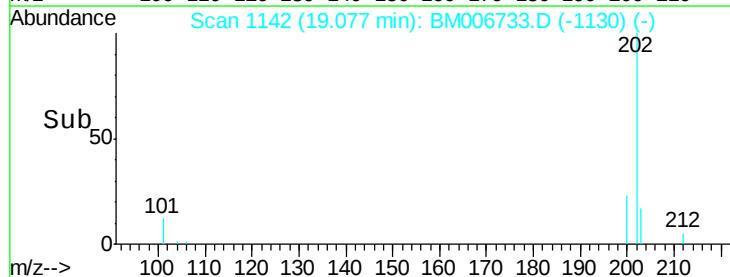
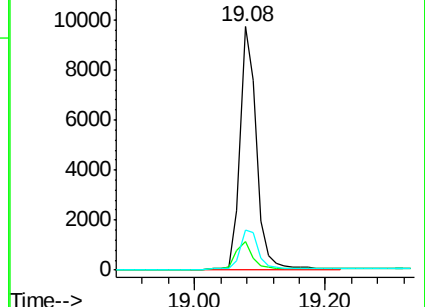
203 16.7 0.0 36.3

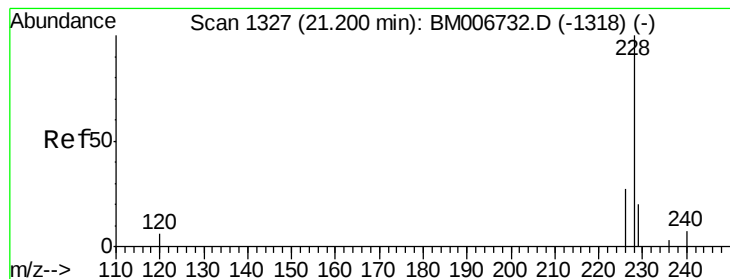


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.83 ng/ul

RT: 21.20 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BM006733.D

Acq: 29 Jul 2016 10:56

Instrument :

BNA_M

ClientSampleId :

X2553

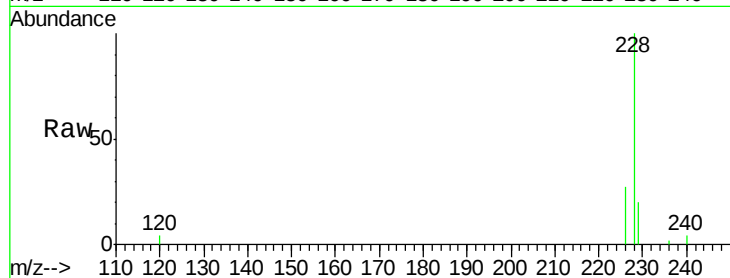
Tgt Ion:228 Resp: 20206

Ion Ratio Lower Upper

228 100

226 26.8 18.8 28.2

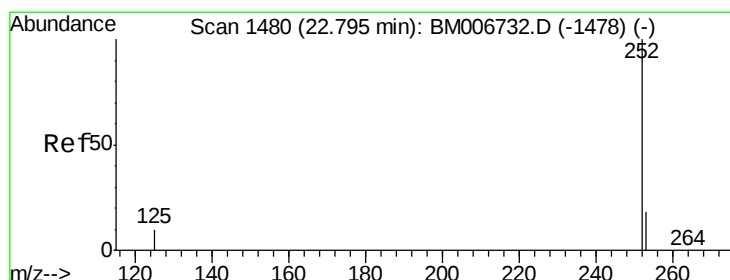
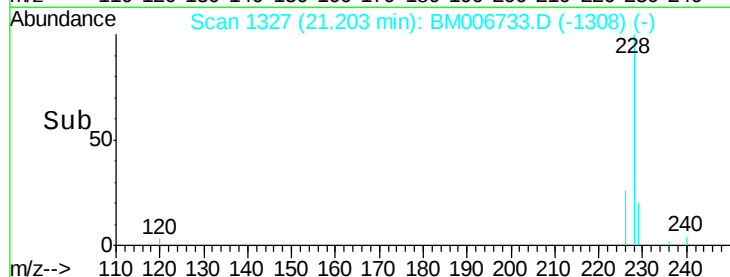
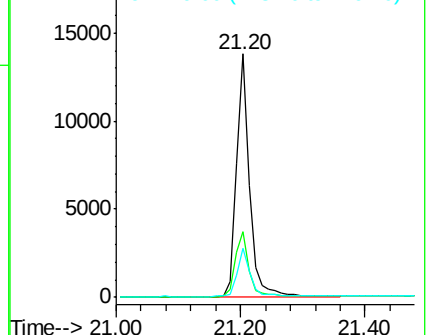
229 19.9 17.1 25.7



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



#22

Benzo(k)fluoranthene

Concen: 0.74 ng/ul

RT: 22.81 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BM006733.D

Acq: 29 Jul 2016 10:56

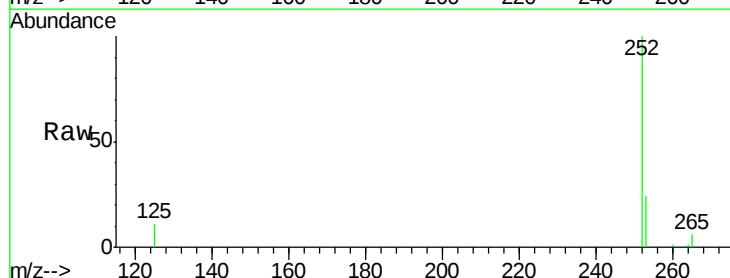
Tgt Ion:252 Resp: 20486

Ion Ratio Lower Upper

252 100

253 24.3 19.8 29.8

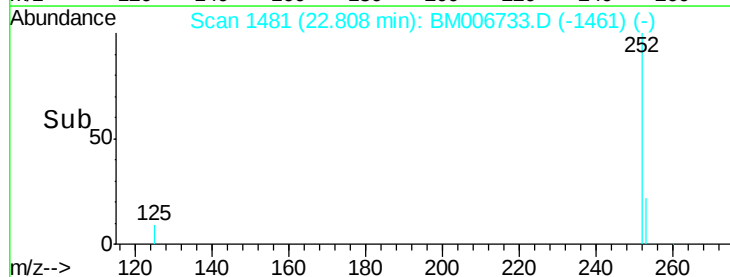
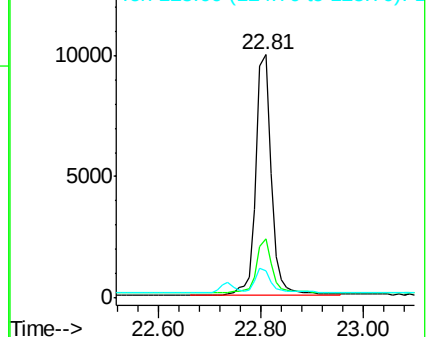
125 11.2 10.4 15.6

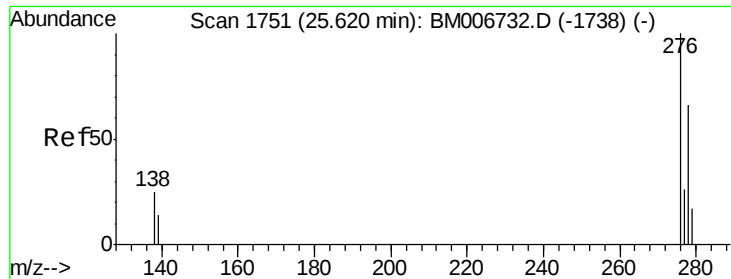


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.53 ng/ul

RT: 25.62 min Scan# 1751

Delta R.T. 0.00 min

Lab File: BM006733.D

Acq: 29 Jul 2016 10:56

Instrument :

BNA_M

ClientSampleId :

X2553

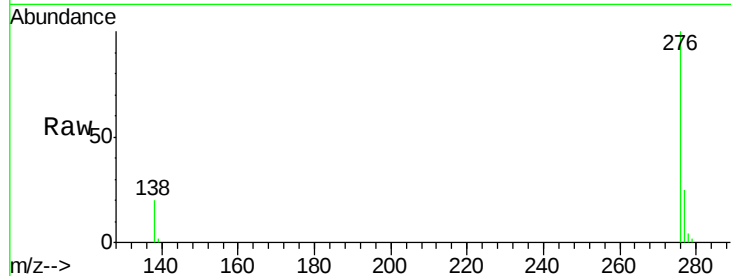
Tgt Ion:276 Resp: 17914

Ion Ratio Lower Upper

276 100

138 21.5 16.3 24.5

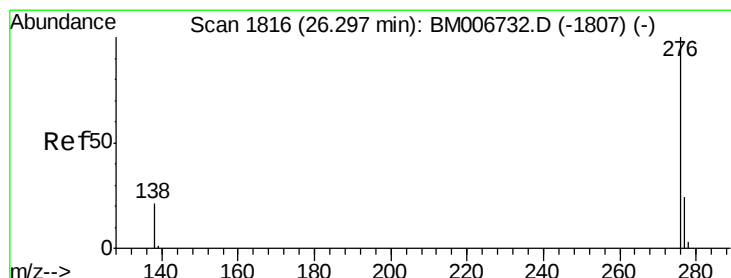
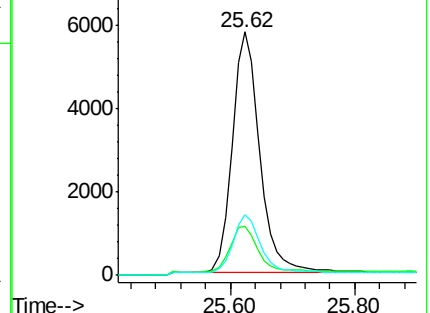
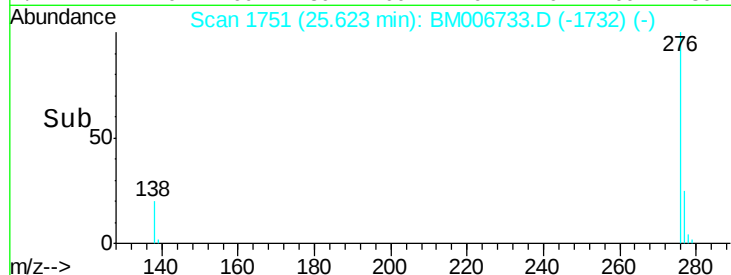
277 25.2 19.8 29.8



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



#26

Benzo(g,h,i)perylene

Concen: 1.12 ng/ul

RT: 26.30 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BM006733.D

Acq: 29 Jul 2016 10:56

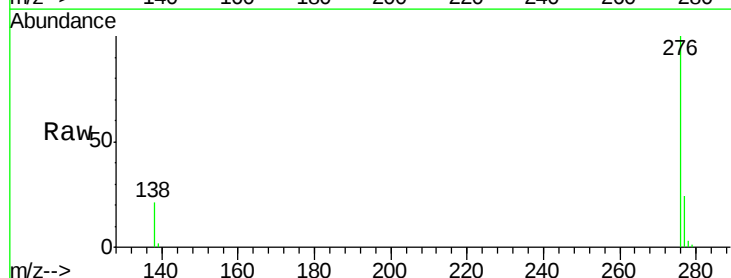
Tgt Ion:276 Resp: 30403

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 20.6 22.5 33.7#



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

