

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070716\
 Data File : BM006289.D
 Acq On : 06 Jul 2016 19:02
 Operator : UM/SJ
 Sample : H3811-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV3

Quant Time: Jul 07 02:20:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 02:18:44 2016
 Response via : Initial Calibration

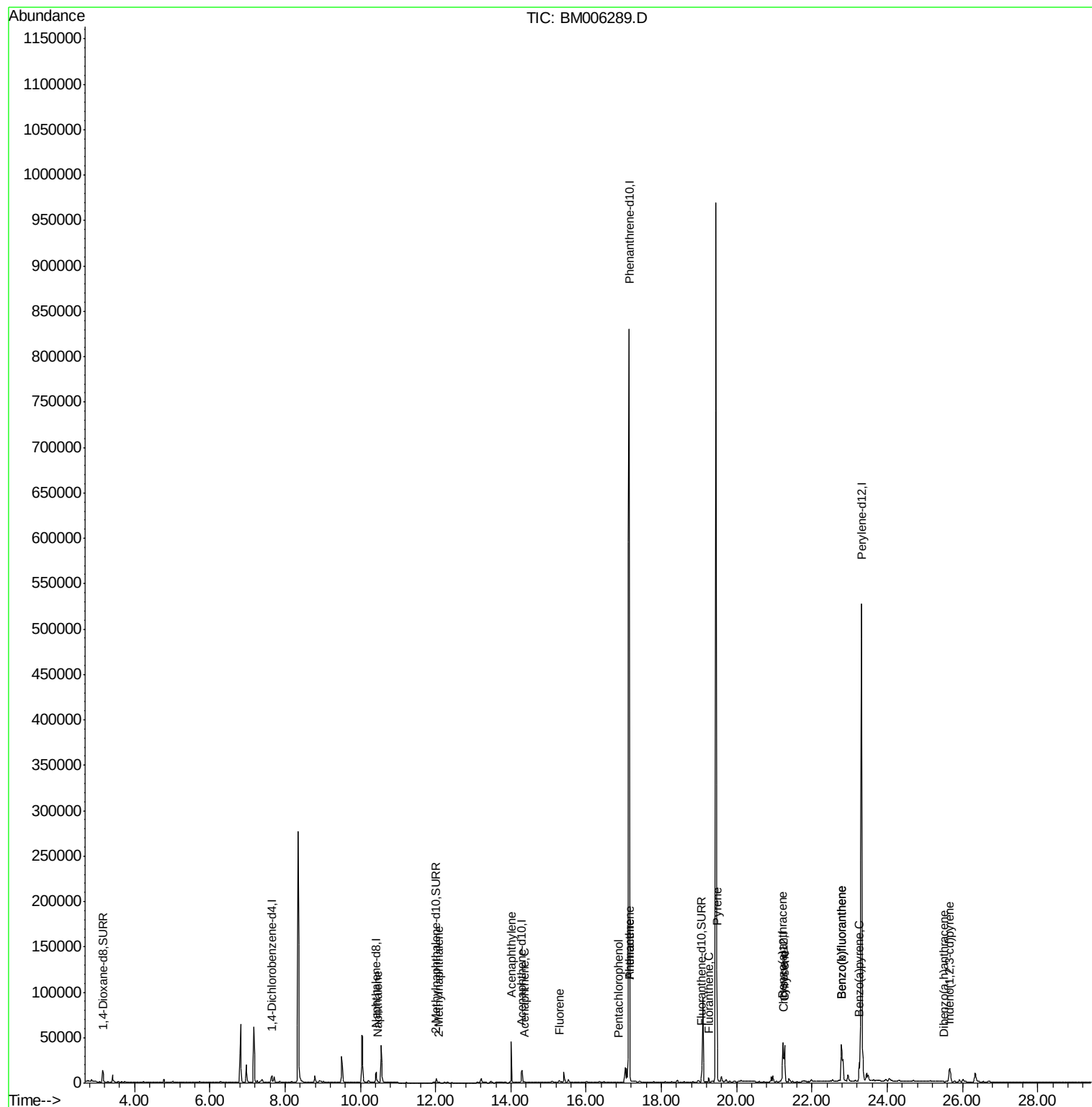
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4264	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	17021	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	9942	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.14	188	1244791	0.40	ng/ul	0.10
18) Chrysene-d12	21.24	240	14362	0.40	ng/ul	0.00
22) Perylene-d12	23.32	264	739621	0.40	ng/ul	-0.14
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	9823	5.45	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	7568	0.38	ng/ul	-0.01
16) Fluoranthene-d10	19.07	212	15976	0.01	ng/ul	-0.01
Target Compounds				Qvalue		
5) Naphthalene	10.48	128	1285	0.03	ng/ul#	77
7) 2-Methylnaphthalene	12.09	142	779	0.03	ng/ul	99
9) Acenaphthylene	14.01	152	6477	0.19	ng/ul#	94
10) Acenaphthene	14.35	153	603	0.02	ng/ul#	84
11) Fluorene	15.29	166	2758	0.07	ng/ul#	30
13) Pentachlorophenol	16.87	266	2	0.00	ng/ul#	1
14) Phenanthrene	17.16	178	6678	0.00	ng/ul#	86
15) Anthracene	17.16	178	6447	0.00	ng/ul#	86
17) Fluoranthene	19.25	202	3672	0.00	ng/ul	71
19) Pyrene	19.47	202	100530	1.67	ng/ul	96
20) Benzo(a)anthracene	21.22	228	38475	0.83	ng/ul#	92
21) Chrysene	21.27	228	44109	0.97	ng/ul	94
23) Benzo(b)fluoranthene	22.78	252	60143	0.02	ng/ul	99
24) Benzo(k)fluoranthene	22.78	252	85881	0.03	ng/ul	97
25) Benzo(a)pyrene	23.25	252	30362	0.01	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.66	276	22888	0.01	ng/ul	96
27) Dibenzo(a,h)anthracene	25.52	278	567	0.00	ng/ul#	1

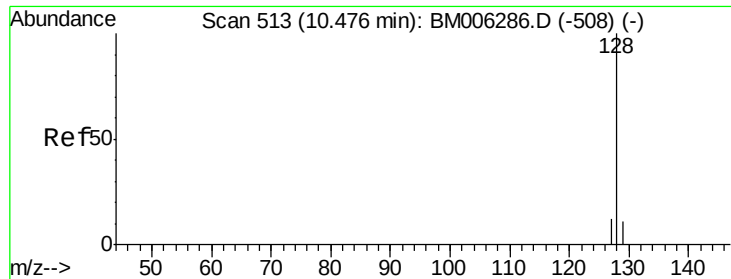
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.03 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.00 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

Instrument :

BNA_M

ClientSampleId :

A4TV3

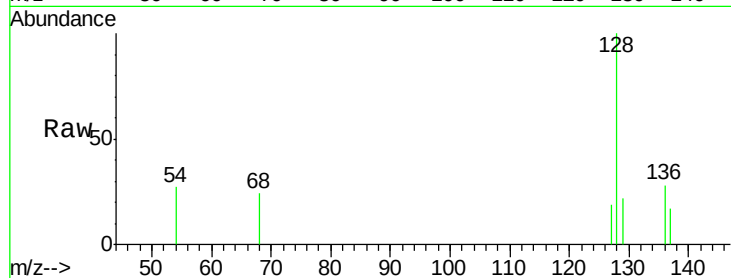
Tgt Ion:128 Resp: 1285

Ion Ratio Lower Upper

128 100

129 21.6 9.0 13.6#

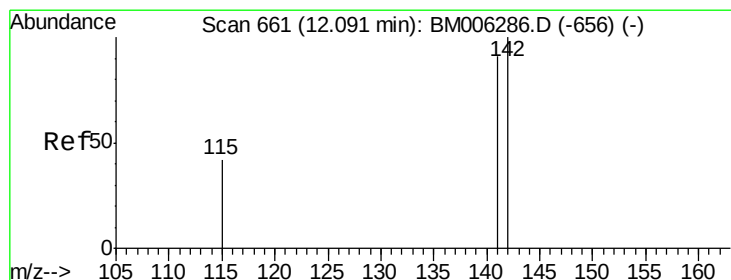
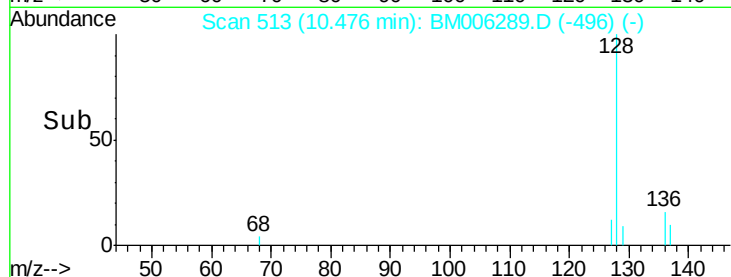
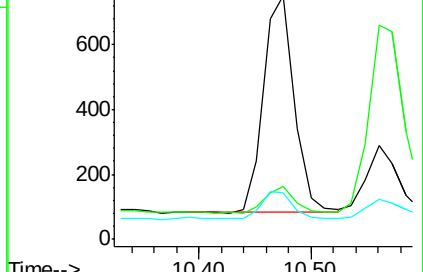
127 19.2 9.6 14.4#



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



#7

2-Methylnaphthalene

Concen: 0.03 ng/ul

RT: 12.09 min Scan# 661

Delta R.T. -0.00 min

Lab File: BM006289.D

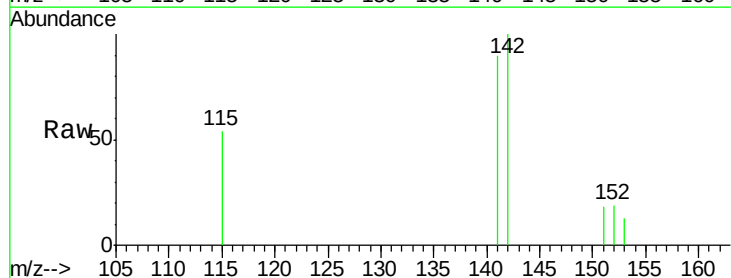
Acq: 06 Jul 2016 19:02

Tgt Ion:142 Resp: 779

Ion Ratio Lower Upper

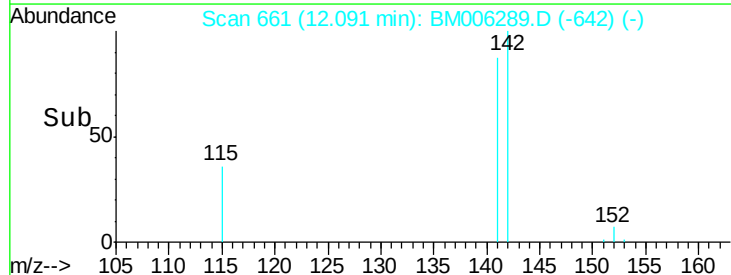
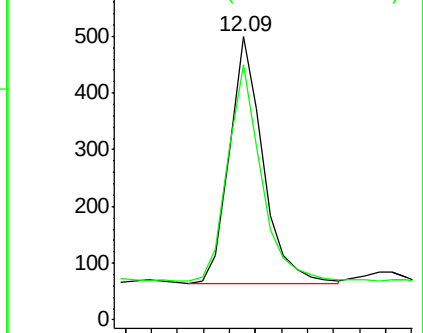
142 100

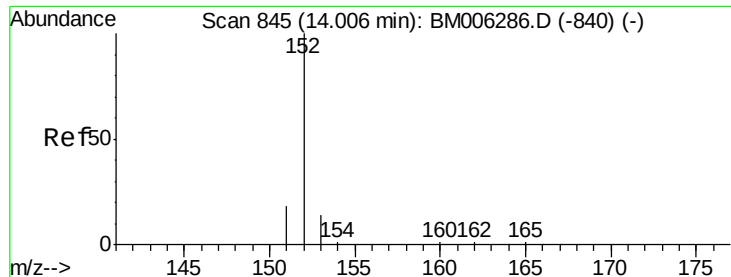
141 86.8 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.19 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.00 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

Instrument :

BNA_M

ClientSampleId :

A4TV3

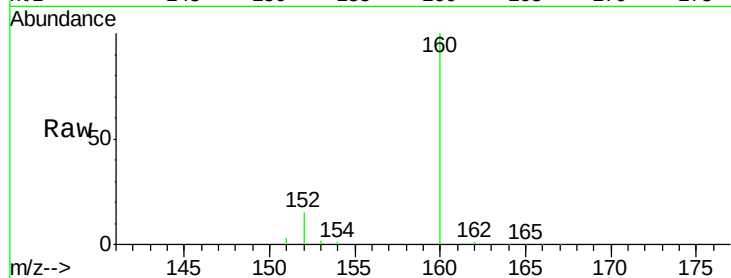
Tgt Ion:152 Resp: 6477

Ion Ratio Lower Upper

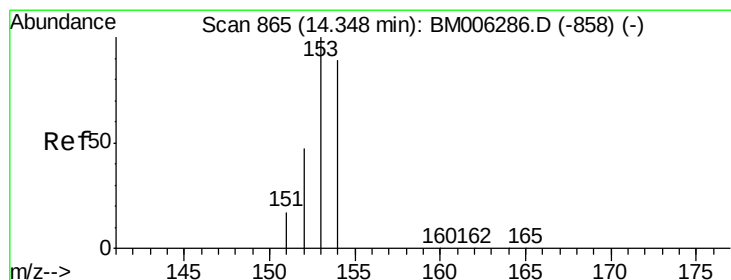
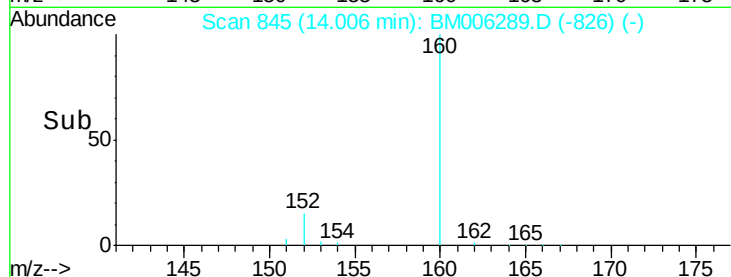
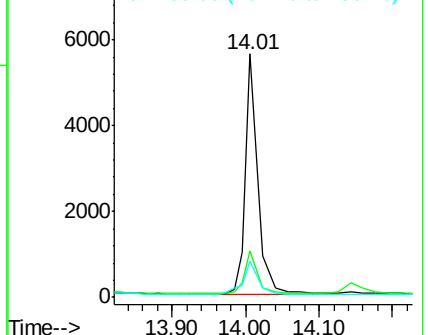
152 100

151 19.2 17.6 26.4

153 15.0 9.7 14.5#



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



#10

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.00 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

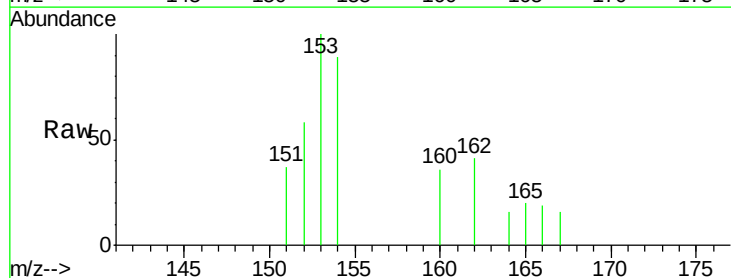
Tgt Ion:153 Resp: 603

Ion Ratio Lower Upper

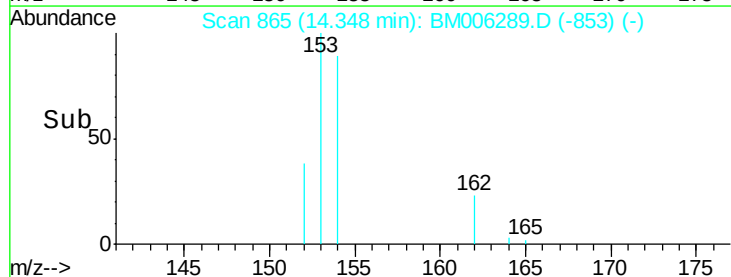
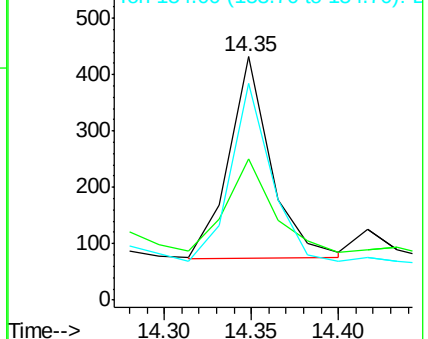
153 100

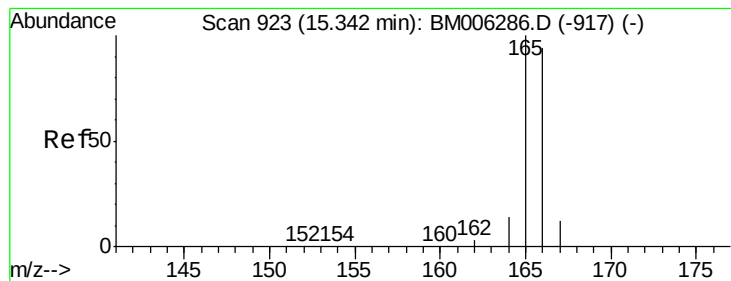
152 58.1 33.9 50.9#

154 88.9 80.6 121.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.07 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.05 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

Instrument :

BNA_M

ClientSampleId :

A4TV3

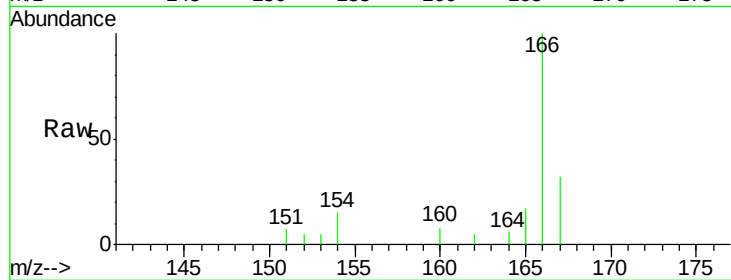
Tgt Ion:166 Resp: 2758

Ion Ratio Lower Upper

166 100

165 17.3 69.6 104.4#

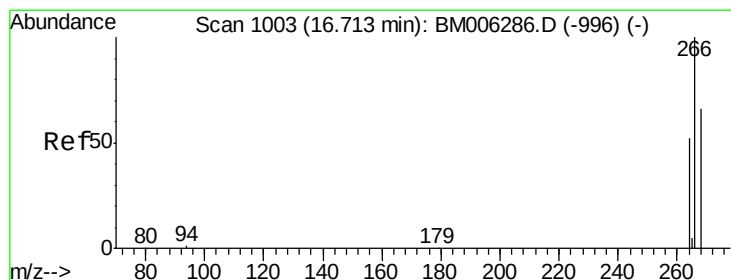
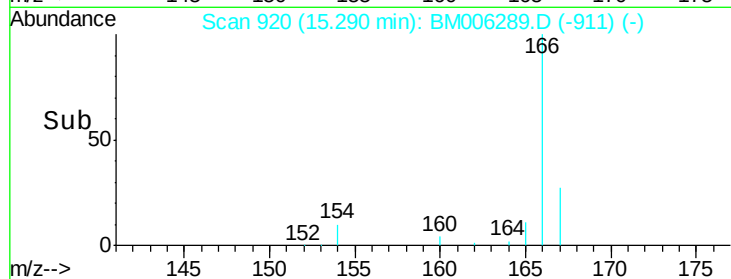
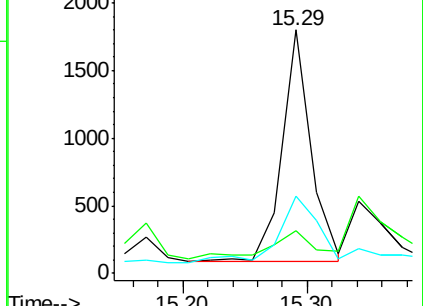
167 31.8 11.9 17.9#



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



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.87 min Scan# 1012

Delta R.T. 0.15 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

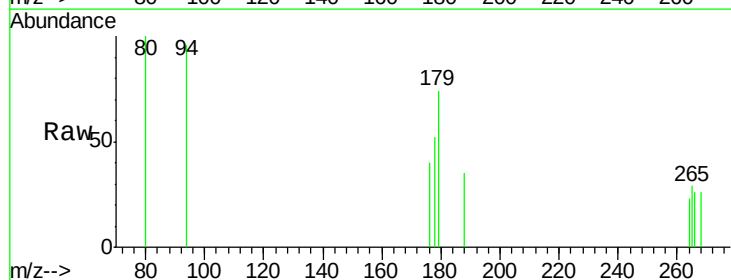
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 0.0 51.8 77.8#

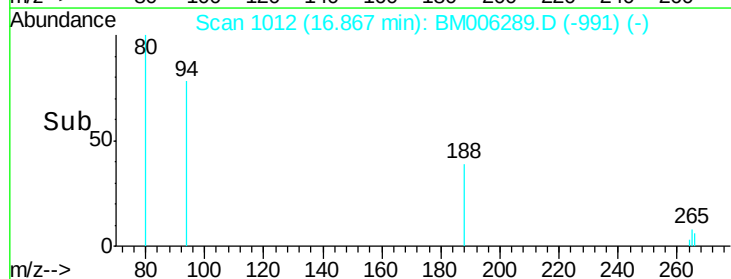
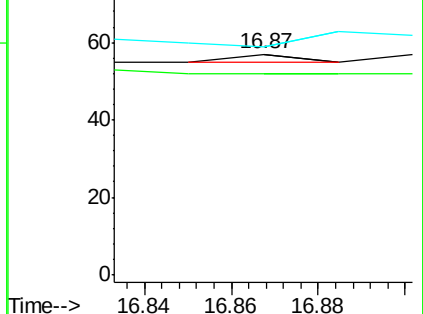
268 600.0 46.8 70.2#

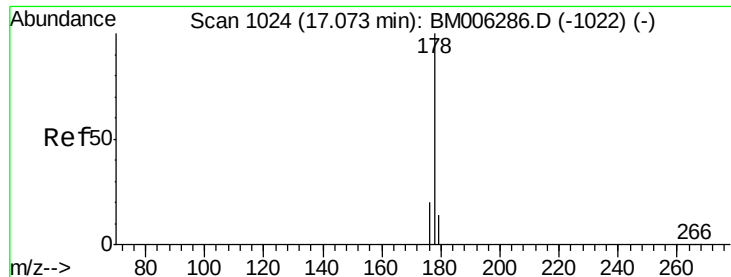


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. 0.09 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

Instrument :

BNA_M

ClientSampleId :

A4TV3

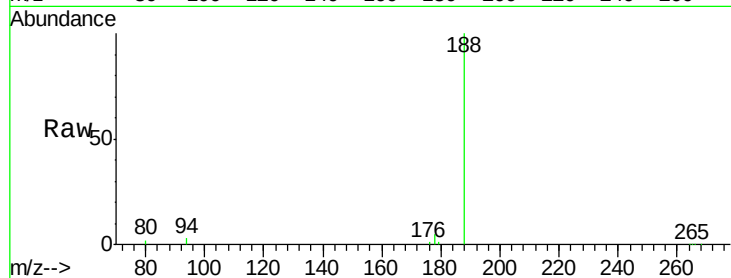
Tgt Ion:178 Resp: 6678

Ion Ratio Lower Upper

178 100

176 24.0 13.0 19.4#

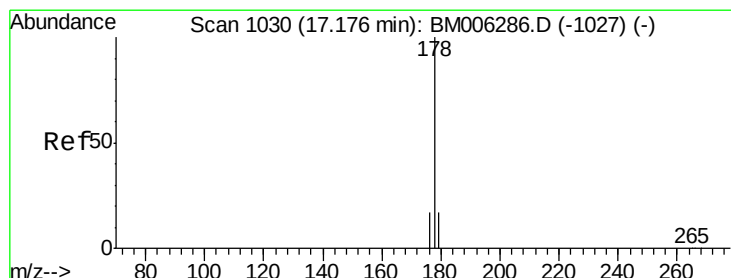
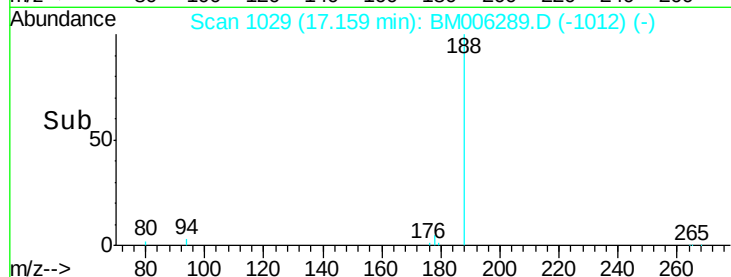
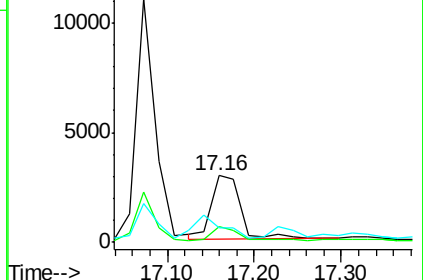
179 21.8 14.2 21.2#



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

Anthracene

Concen: 0.00 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

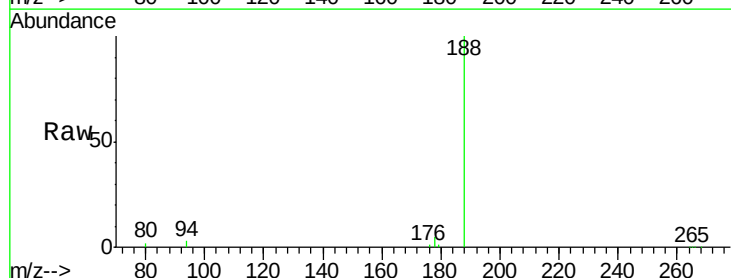
Tgt Ion:178 Resp: 6447

Ion Ratio Lower Upper

178 100

176 24.0 14.0 21.0#

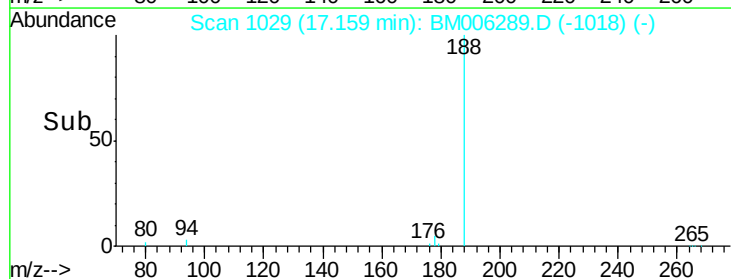
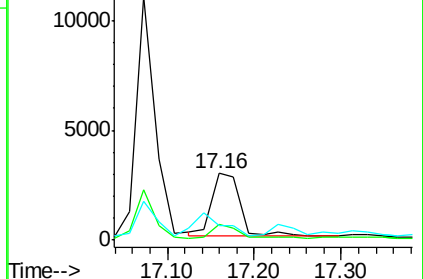
179 21.8 12.9 19.3#

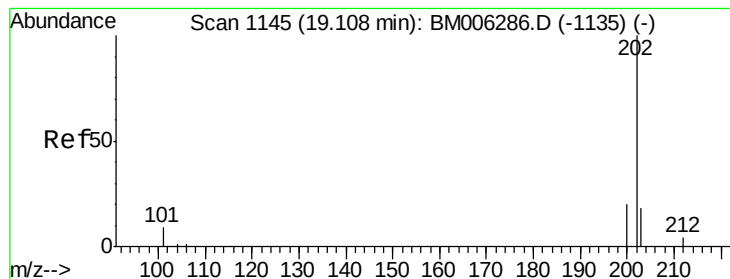


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.25 min Scan# 1157

Delta R.T. 0.15 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

Instrument :

BNA_M

ClientSampleId :

A4TV3

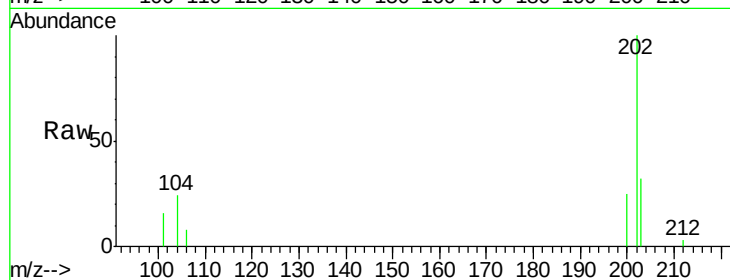
Tgt Ion:202 Resp: 3672

Ion Ratio Lower Upper

202 100

101 15.9 0.0 29.6

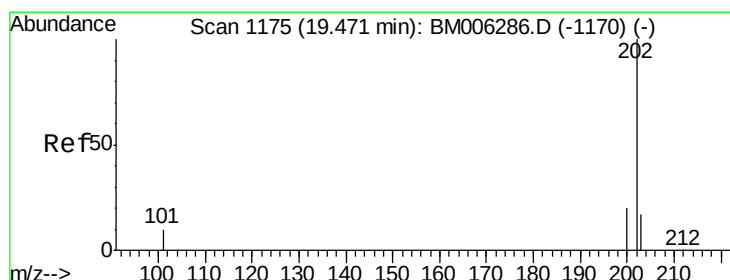
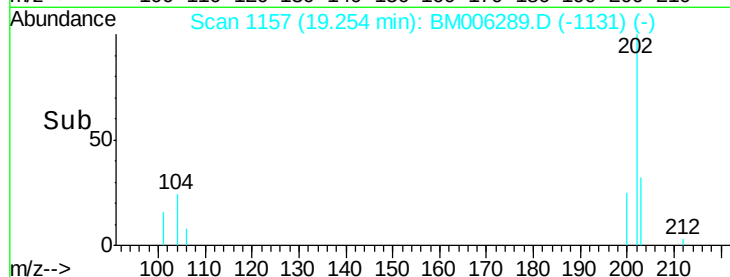
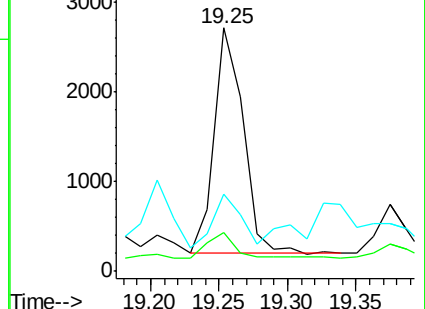
203 31.9 0.0 36.3



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



#19

Pyrene

Concen: 1.67 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

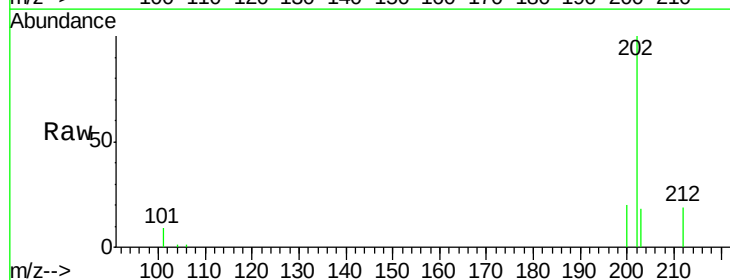
Tgt Ion:202 Resp: 100530

Ion Ratio Lower Upper

202 100

200 20.1 17.8 26.8

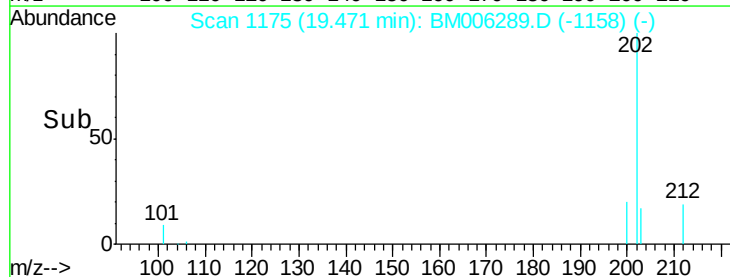
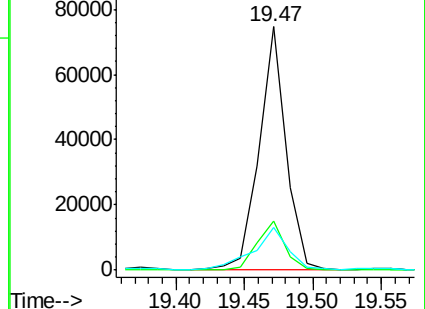
203 17.5 12.8 19.2

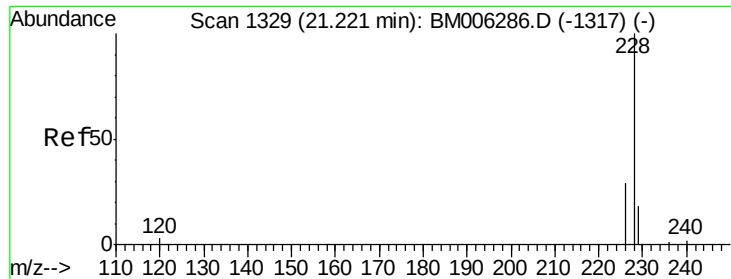


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.83 ng/ul

RT: 21.22 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

Instrument :

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A4TV3

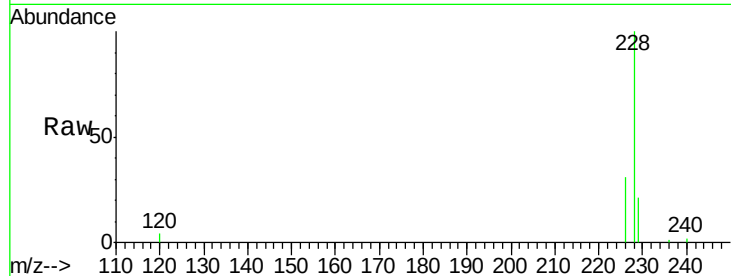
Tgt Ion:228 Resp: 38475

Ion Ratio Lower Upper

228 100

226 30.6 18.8 28.2#

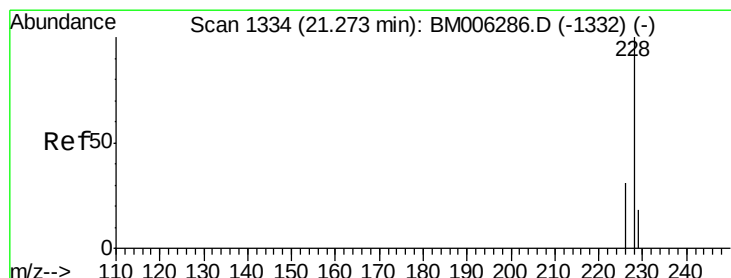
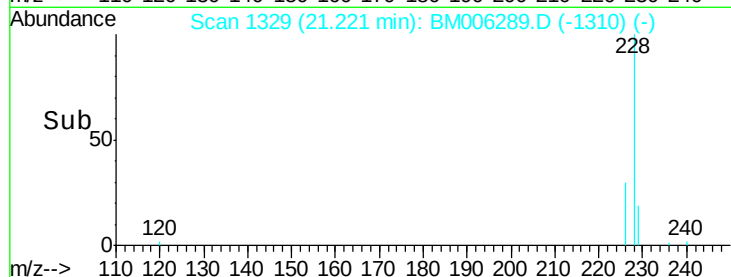
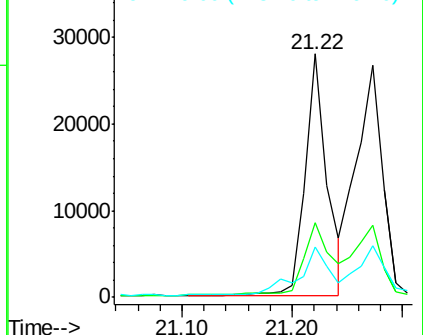
229 20.6 17.1 25.7



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



#21

Chrysene

Concen: 0.97 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

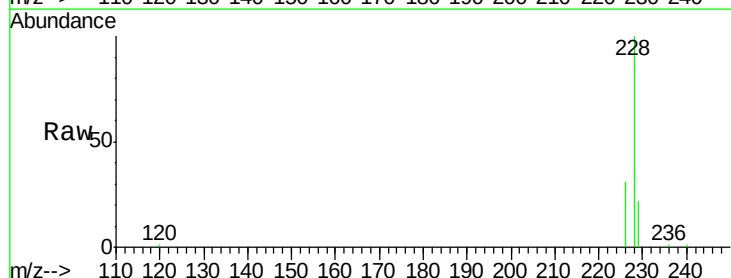
Tgt Ion:228 Resp: 44109

Ion Ratio Lower Upper

228 100

226 31.0 21.2 31.8

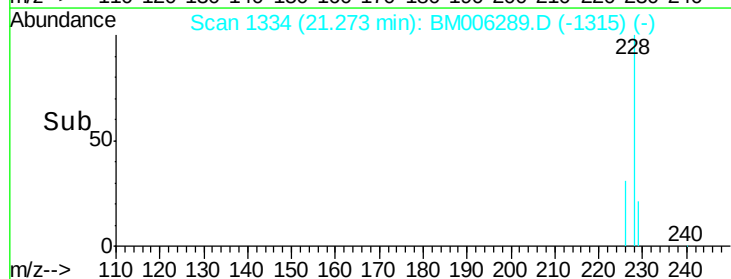
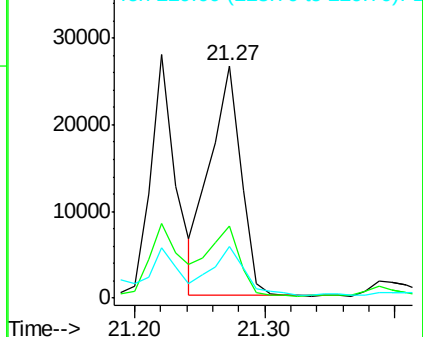
229 22.1 17.0 25.6

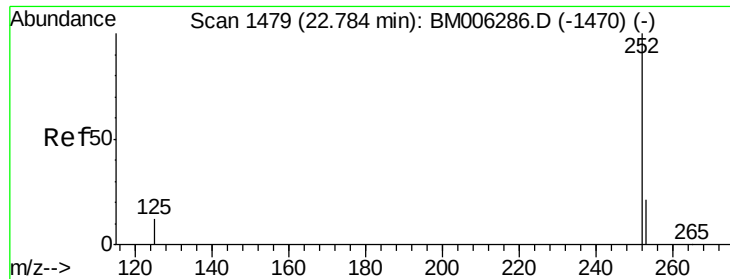


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.78 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

Instrument :

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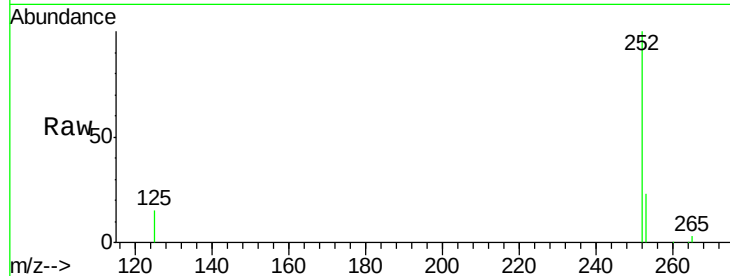
Tgt Ion:252 Resp: 60143

Ion Ratio Lower Upper

252 100

253 23.2 0.0 45.4

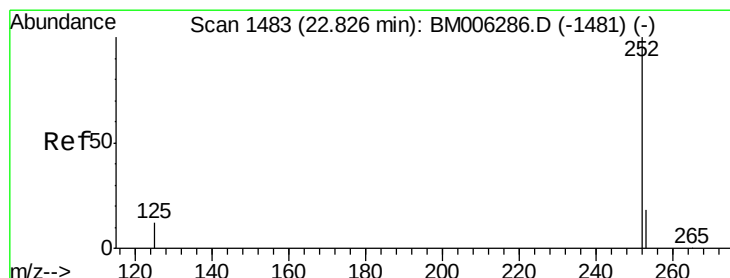
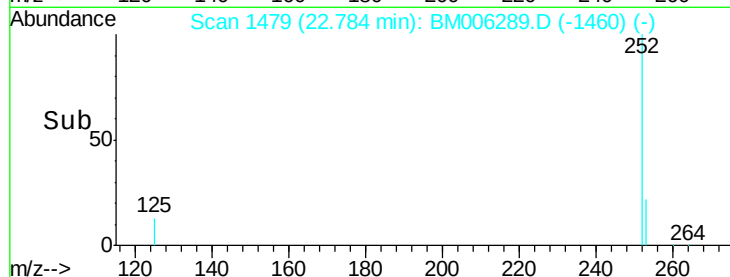
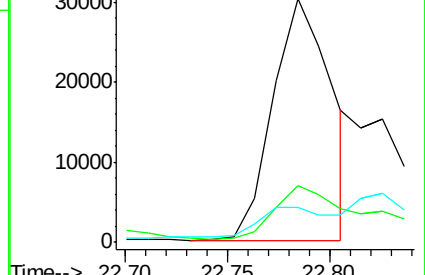
125 14.6 0.0 28.8



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



#24

Benzo(k)fluoranthene

Concen: 0.03 ng/ul

RT: 22.78 min Scan# 1479

Delta R.T. -0.04 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

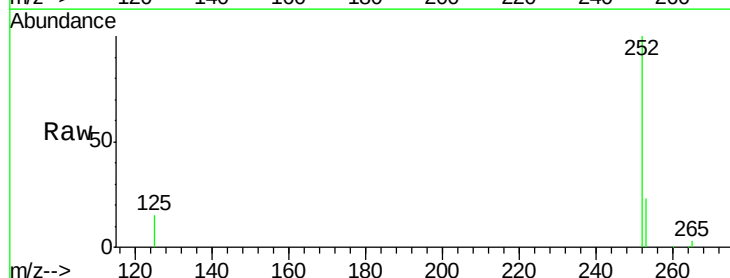
Tgt Ion:252 Resp: 85881

Ion Ratio Lower Upper

252 100

253 23.2 19.8 29.8

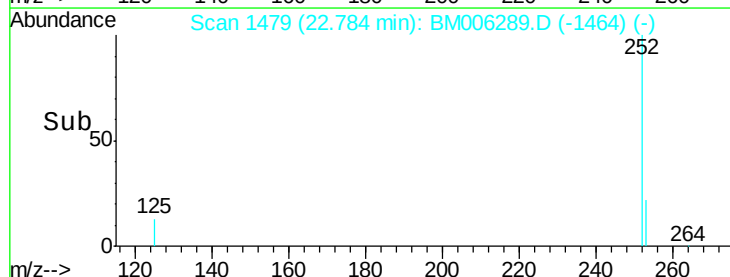
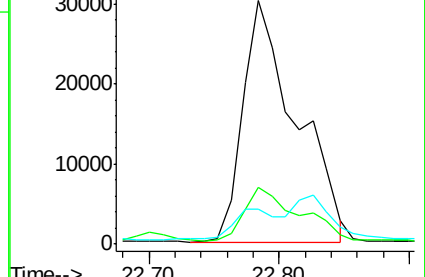
125 14.6 10.4 15.6

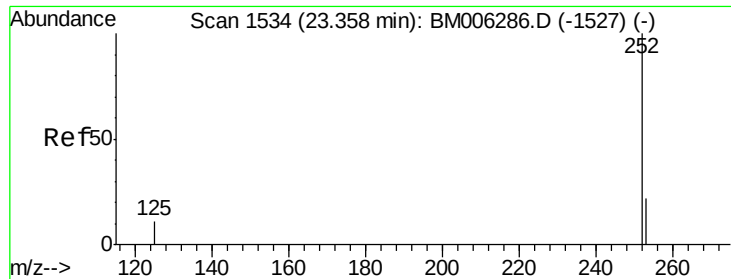


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.25 min Scan# 1524

Delta R.T. -0.10 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

Instrument :

BNA_M

ClientSampleId :

A4TV3

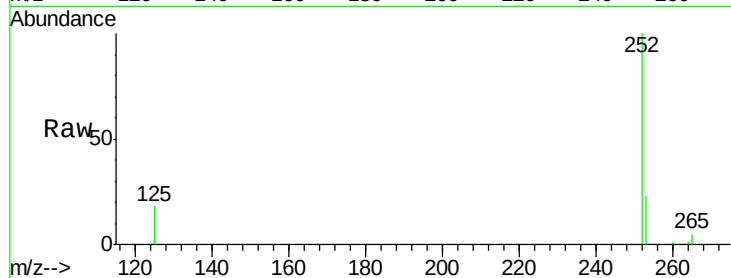
Tgt Ion:252 Resp: 30362

Ion Ratio Lower Upper

252 100

253 23.0 19.4 29.2

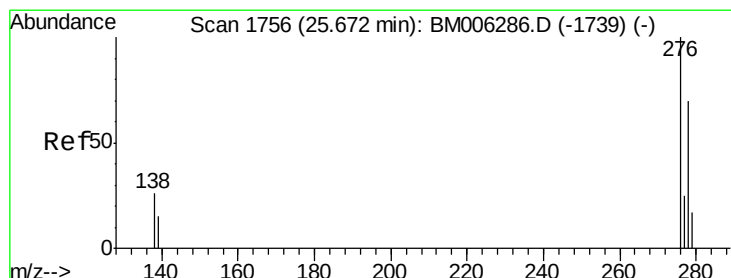
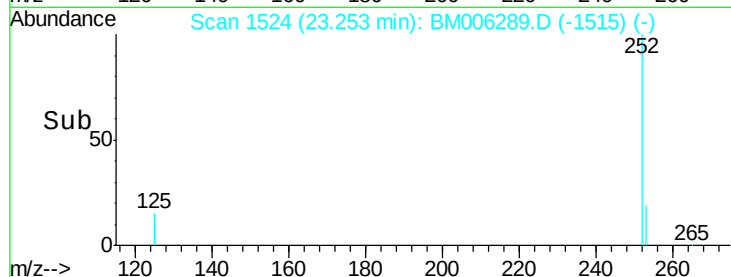
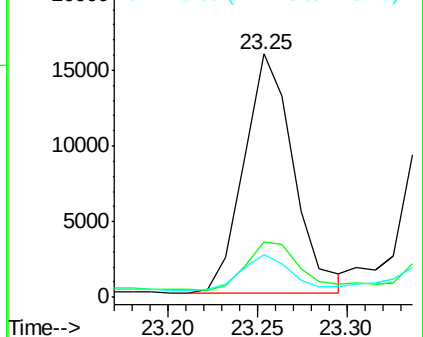
125 17.7 12.7 19.1



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

RT: 25.66 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

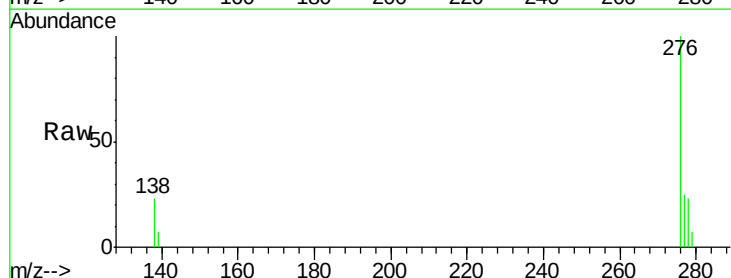
Tgt Ion:276 Resp: 22888

Ion Ratio Lower Upper

276 100

138 21.7 16.3 24.5

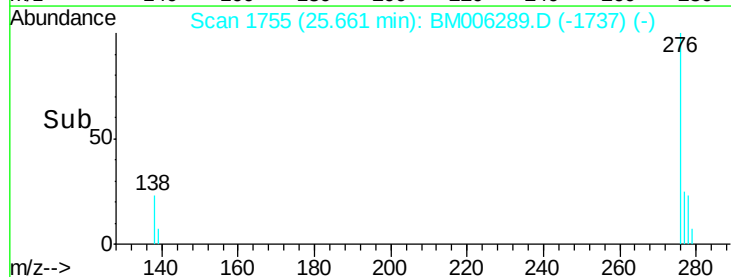
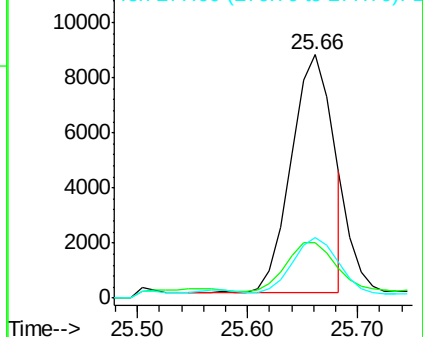
277 22.3 19.8 29.8

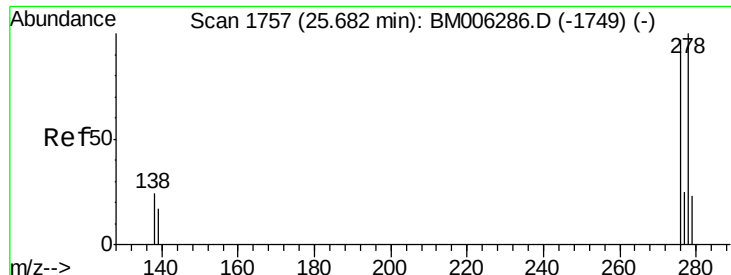


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.52 min Scan# 1741

Delta R.T. -0.17 min

Lab File: BM006289.D

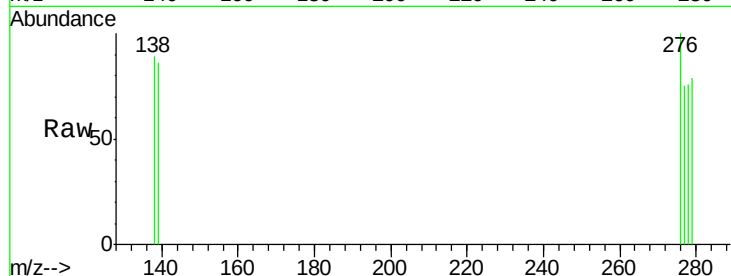
Acq: 06 Jul 2016 19:02

Instrument :

BNA_M

ClientSampleId :

A4TV3



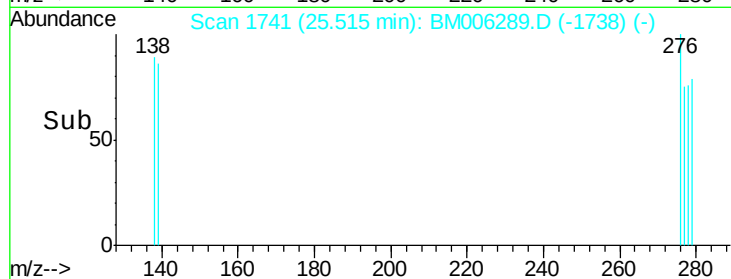
Tgt Ion: 278 Resp: 567

Ion Ratio Lower Upper

278 100

139 113.6 16.4 24.6#

279 105.1 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

