

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070816\
 Data File : BM006312.D
 Acq On : 07 Jul 2016 10:26
 Operator : UM/SJ
 Sample : H3811-27
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TX7

Quant Time: Jul 08 01:32:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 01:14:08 2016
 Response via : Initial Calibration

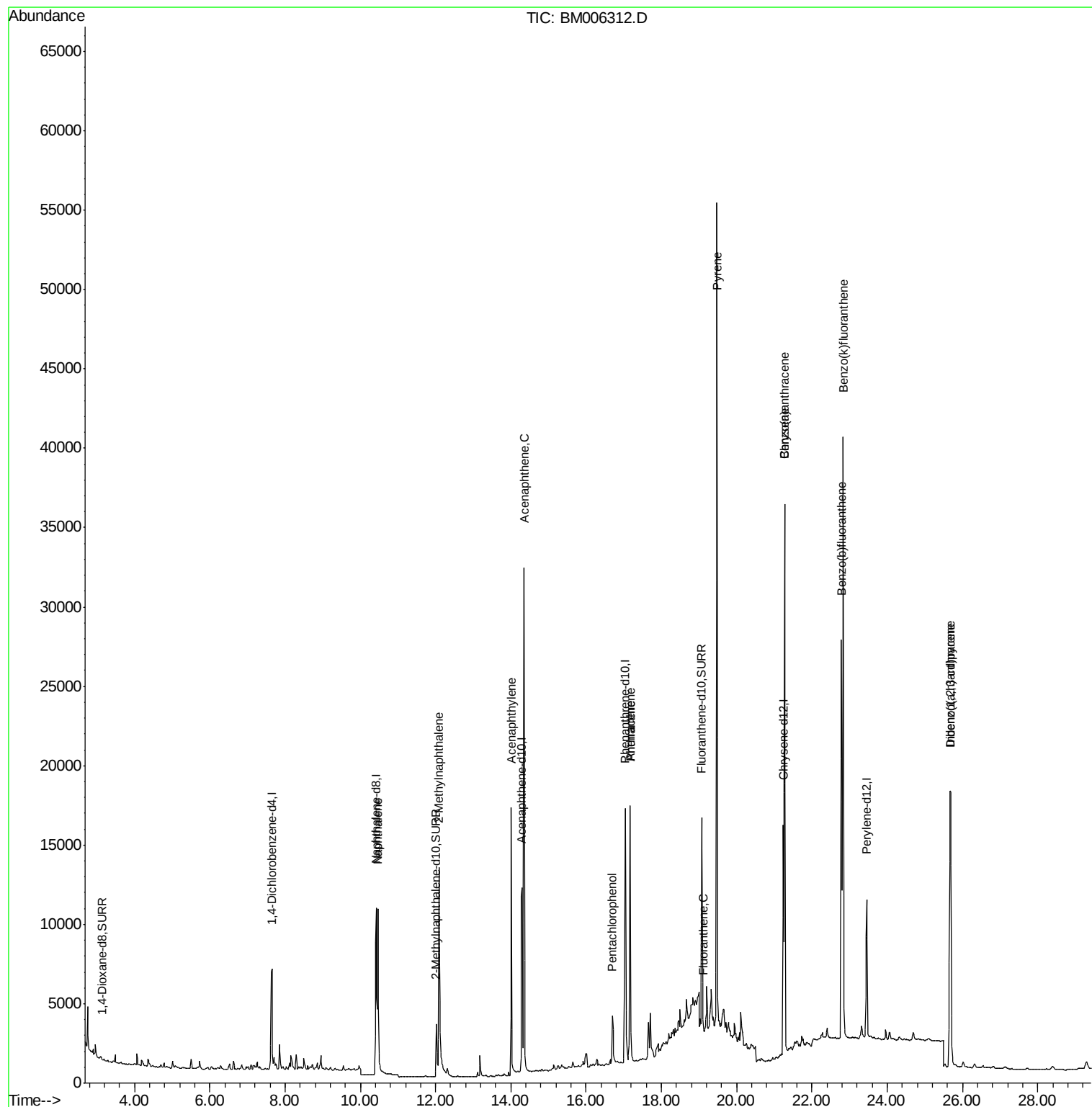
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4169	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	16392	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	9449	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	20695	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	13533	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	11711	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	83	0.05	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	12.02	152	6391	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	19759	0.45	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.48	128	17931	0.47	ng/ul	99
7) 2-Methylnaphthalene	12.09	142	13213	0.52	ng/ul	99
9) Acenaphthylene	14.01	152	16550	0.52	ng/ul	93
10) Acenaphthene	14.35	153	19908	0.63	ng/ul	90
13) Pentachlorophenol	16.70	266	3063	0.96	ng/ul	96
14) Phenanthrene	17.18	178	26007	0.45	ng/ul	99
15) Anthracene	17.18	178	26303	0.50	ng/ul	97
17) Fluoranthene	19.11	202	1546	0.02	ng/ul#	1
19) Pyrene	19.47	202	49652	0.88	ng/ul	95
20) Benzo(a)anthracene	21.27	228	30269	0.69	ng/ul#	92
21) Chrysene	21.27	228	30269	0.70	ng/ul	95
23) Benzo(b)fluoranthene	22.78	252	33923	0.81	ng/ul	98
24) Benzo(k)fluoranthene	22.83	252	47594	1.22	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.67	276	7210	0.17	ng/ul#	51
27) Dibenzo(a,h)anthracene	25.68	278	28748	0.85	ng/ul	97

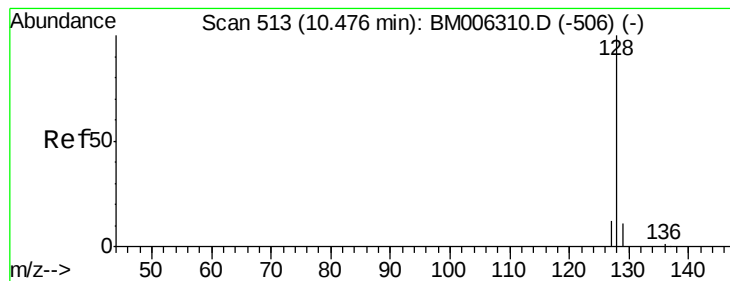
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 08 01:14:08 2016
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#5

Naphthalene

Concen: 0.47 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. 0.00 min

Lab File: BM006312.D

Acq: 07 Jul 2016 10:26

Instrument :

BNA_M

ClientSampleId :

A4TX7

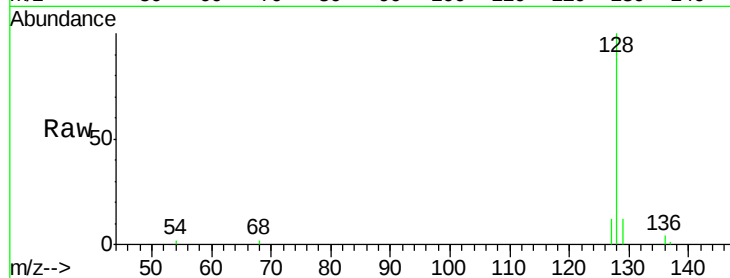
Tgt Ion:128 Resp: 17931

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

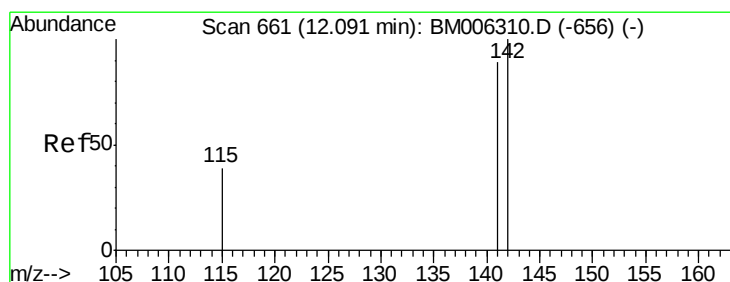
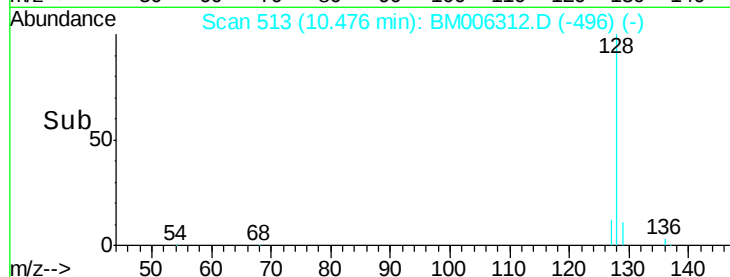
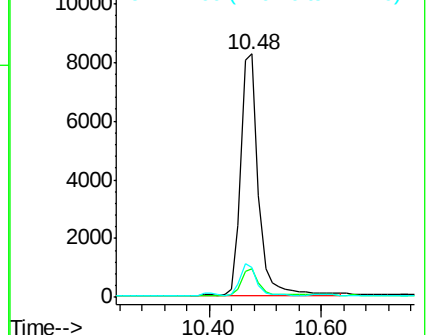
127 12.4 9.6 14.4



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: 0.52 ng/ul

RT: 12.09 min Scan# 661

Delta R.T. 0.00 min

Lab File: BM006312.D

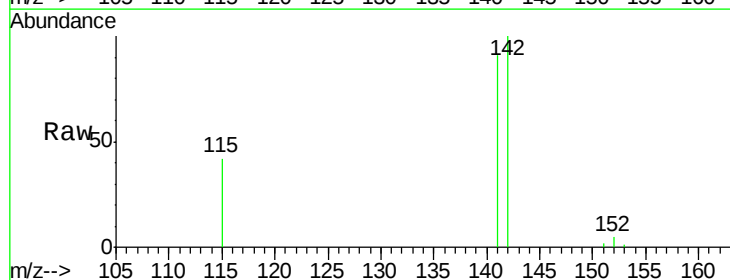
Acq: 07 Jul 2016 10:26

Tgt Ion:142 Resp: 13213

Ion Ratio Lower Upper

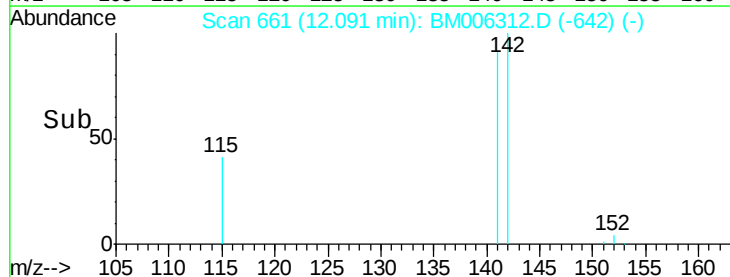
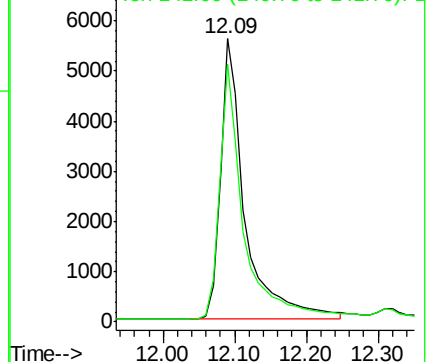
142 100

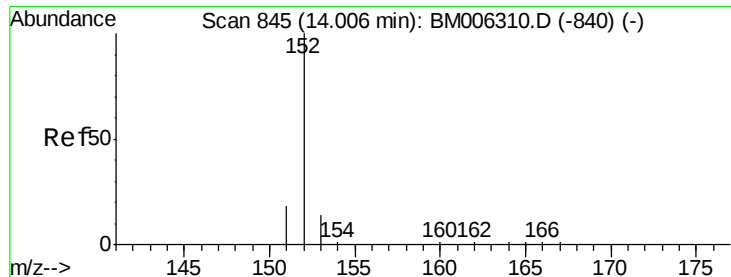
141 88.8 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.52 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM006312.D

Acq: 07 Jul 2016 10:26

Instrument :

BNA_M

ClientSampleId :

A4TX7

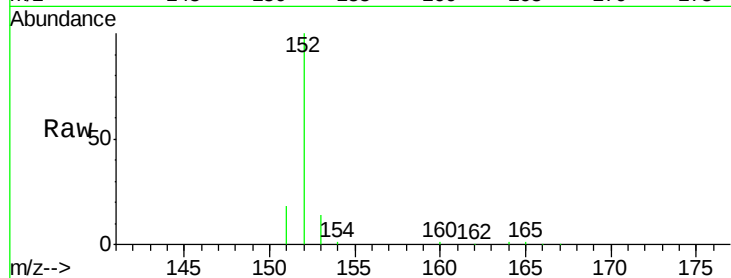
Tgt Ion:152 Resp: 16550

Ion Ratio Lower Upper

152 100

151 18.2 17.6 26.4

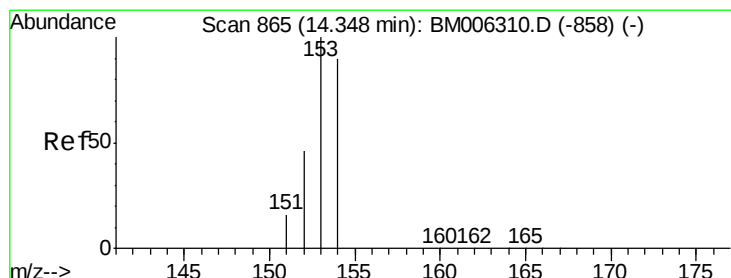
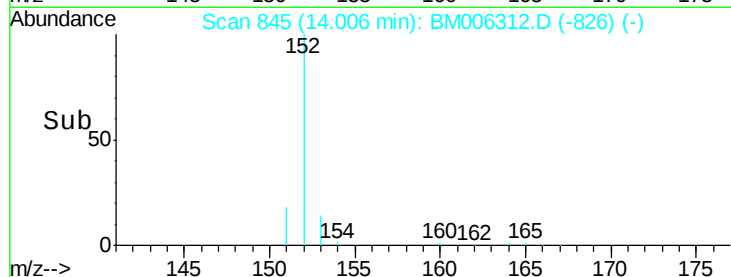
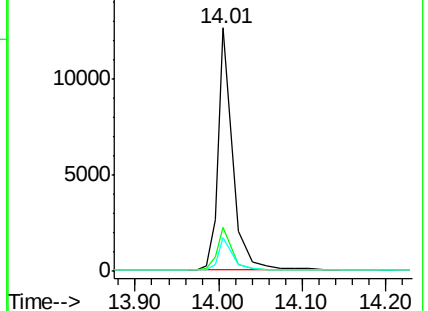
153 14.1 9.7 14.5



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: 0.63 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. 0.00 min

Lab File: BM006312.D

Acq: 07 Jul 2016 10:26

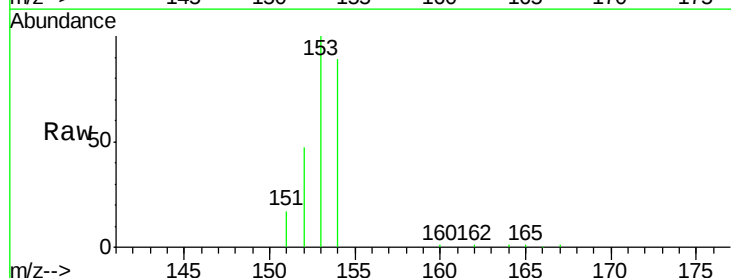
Tgt Ion:153 Resp: 19908

Ion Ratio Lower Upper

153 100

152 47.0 33.9 50.9

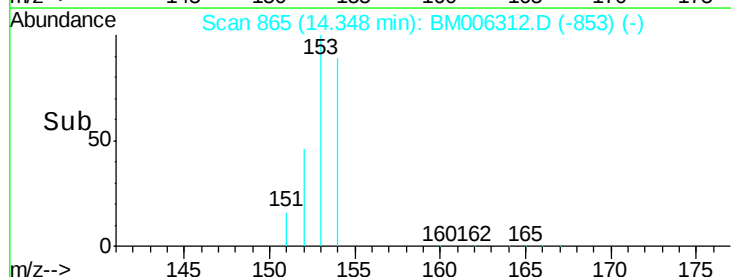
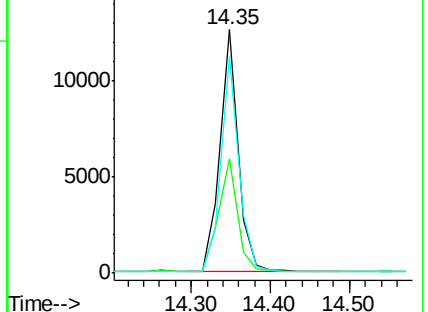
154 89.1 80.6 121.0

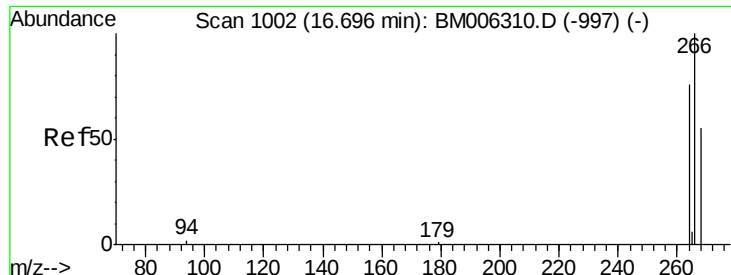


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

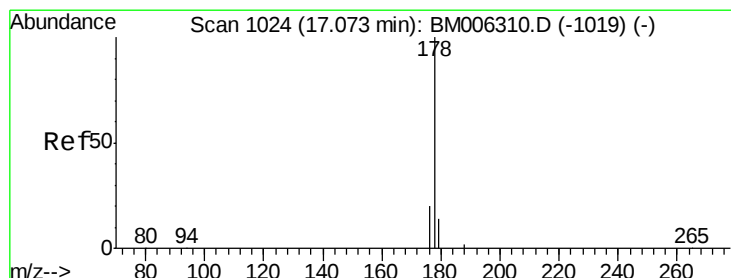
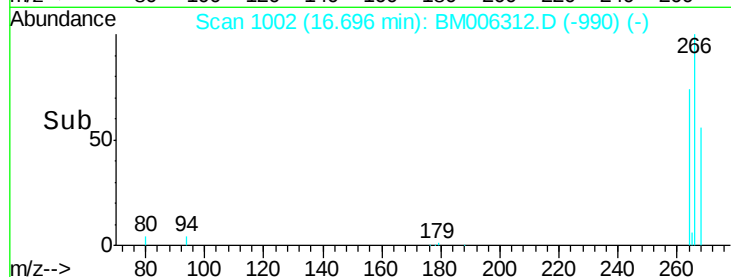
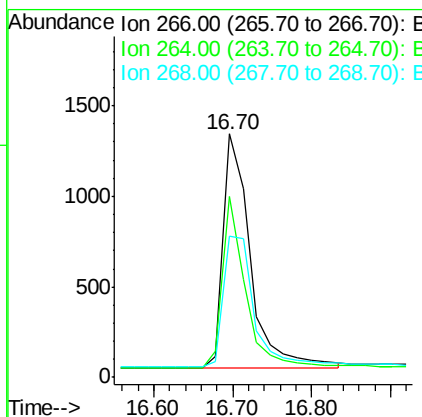
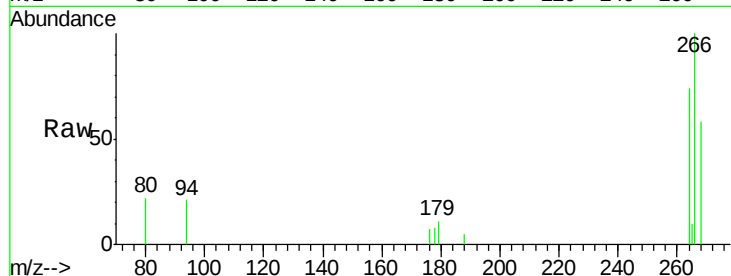




#13
 Pentachlorophenol
 Concen: 0.96 ng/ul
 RT: 16.70 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: BM006312.D
 Acq: 07 Jul 2016 10:26

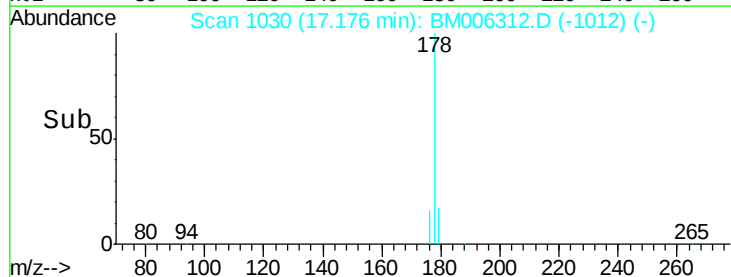
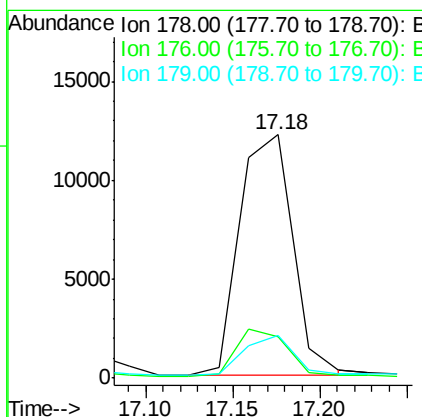
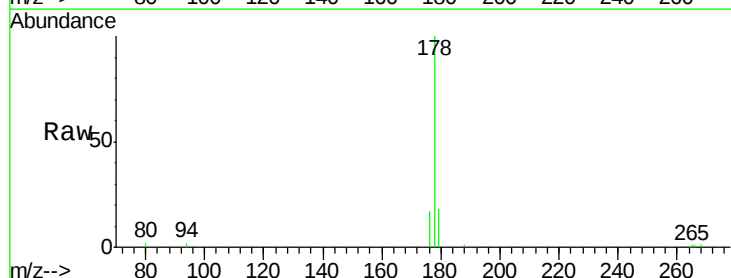
Instrument :
 BNA_M
 ClientSampleId :
 A4TX7

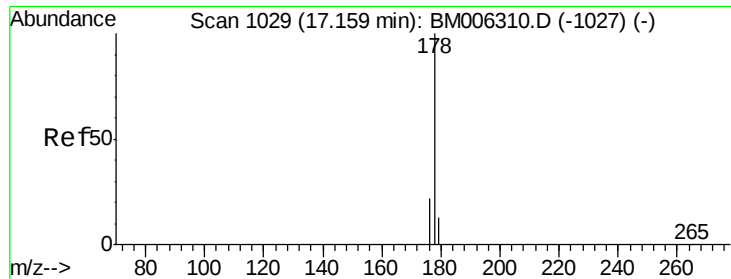
Tgt Ion: 266 Resp: 3063
 Ion Ratio Lower Upper
 266 100
 264 62.9 51.8 77.8
 268 63.5 46.8 70.2



#14
 Phenanthrene
 Concen: 0.45 ng/ul
 RT: 17.18 min Scan# 1030
 Delta R.T. 0.10 min
 Lab File: BM006312.D
 Acq: 07 Jul 2016 10:26

Tgt Ion: 178 Resp: 26007
 Ion Ratio Lower Upper
 178 100
 176 16.8 13.0 19.4
 179 17.7 14.2 21.2





#15

Anthracene

Concen: 0.50 ng/ul

RT: 17.18 min Scan# 1030

Delta R.T. 0.02 min

Lab File: BM006312.D

Acq: 07 Jul 2016 10:26

Instrument :

BNA_M

ClientSampleId :

A4TX7

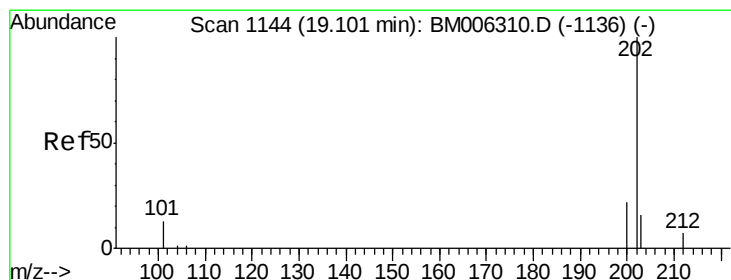
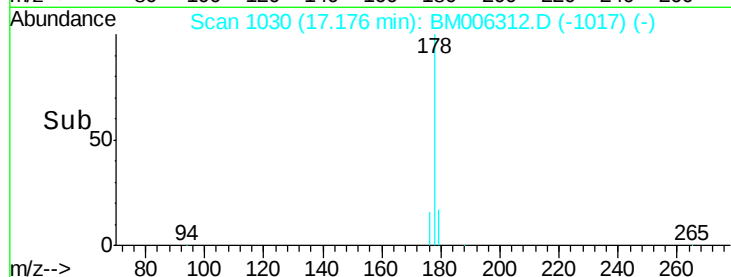
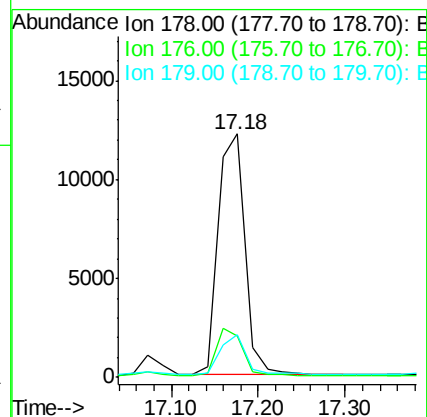
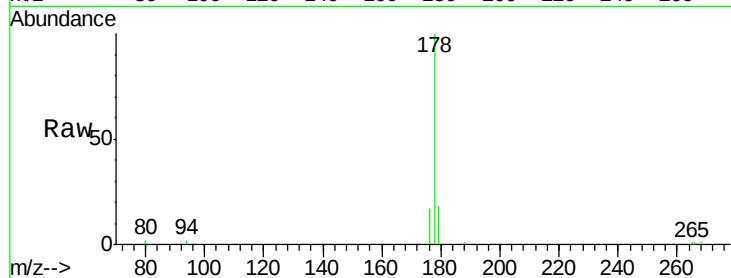
Tgt Ion:178 Resp: 26303

Ion Ratio Lower Upper

178 100

176 16.8 14.0 21.0

179 17.7 12.9 19.3



#17

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.11 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BM006312.D

Acq: 07 Jul 2016 10:26

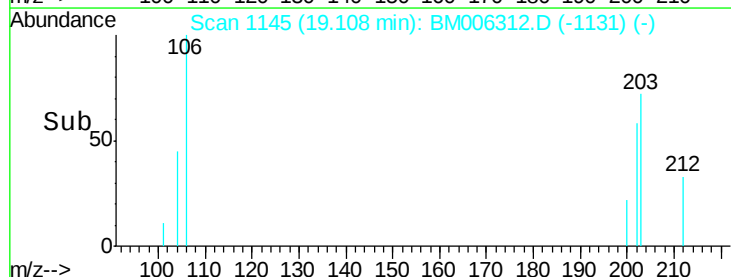
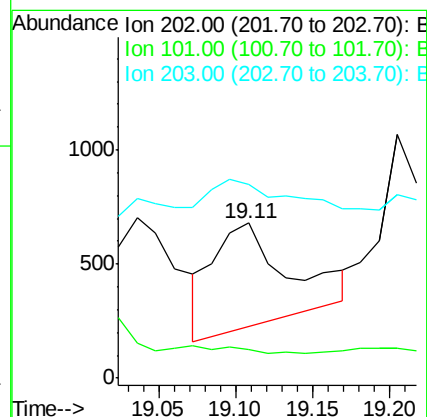
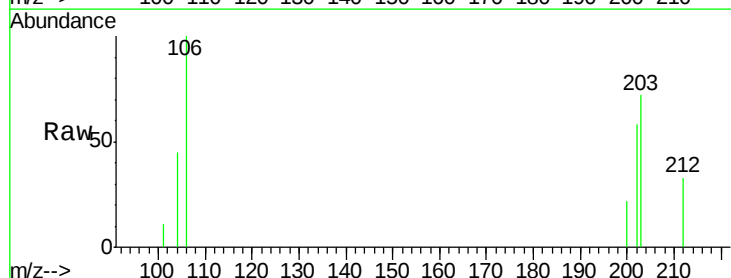
Tgt Ion:202 Resp: 1546

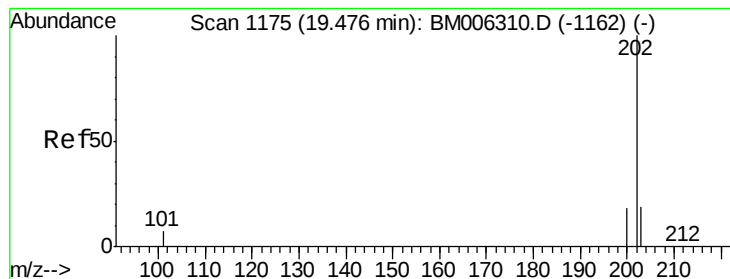
Ion Ratio Lower Upper

202 100

101 18.2 0.0 29.6

203 124.9 0.0 36.3#





#19

Pyrene

Concen: 0.88 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BM006312.D

Acq: 07 Jul 2016 10:26

Instrument :

BNA_M

ClientSampleId :

A4TX7

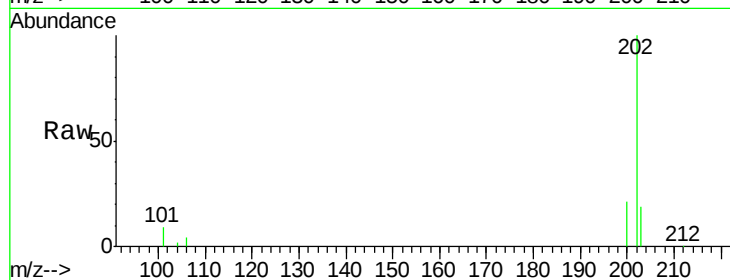
Tgt Ion:202 Resp: 49652

Ion Ratio Lower Upper

202 100

200 20.7 17.8 26.8

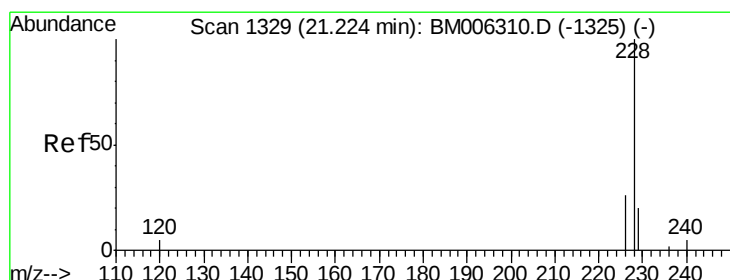
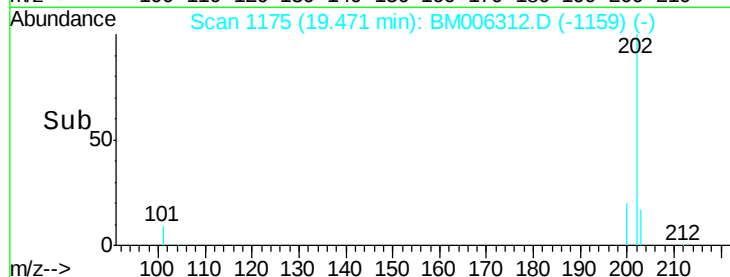
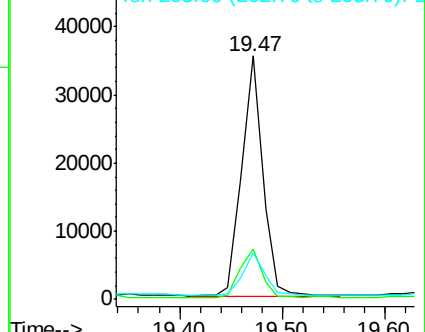
203 18.9 12.8 19.2



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: 0.69 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. 0.05 min

Lab File: BM006312.D

Acq: 07 Jul 2016 10:26

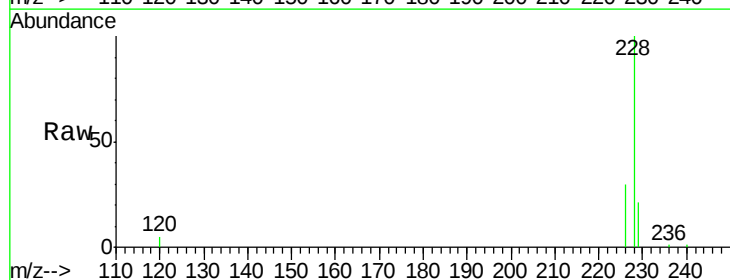
Tgt Ion:228 Resp: 30269

Ion Ratio Lower Upper

228 100

226 30.3 18.8 28.2#

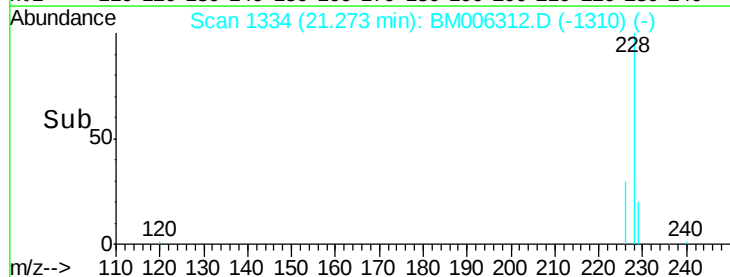
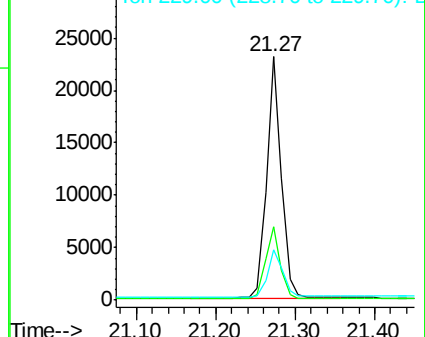
229 20.6 17.1 25.7

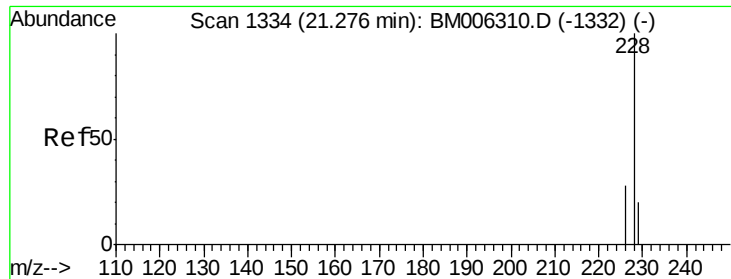


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.70 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BM006312.D

Acq: 07 Jul 2016 10:26

Instrument :

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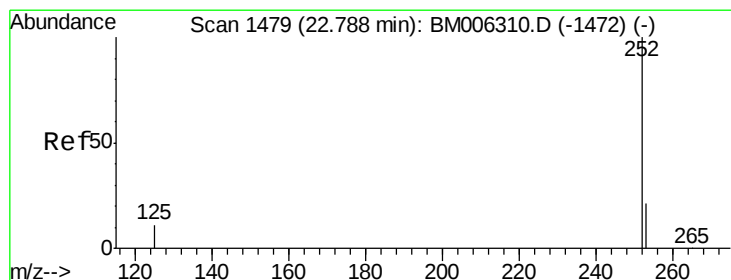
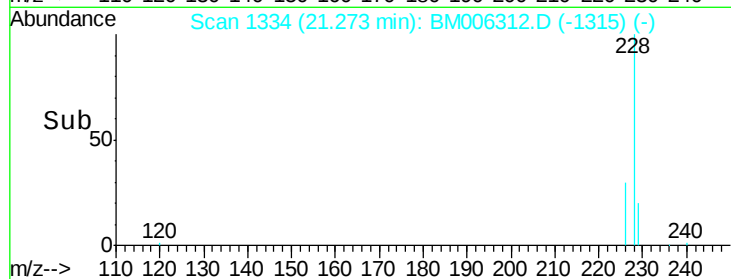
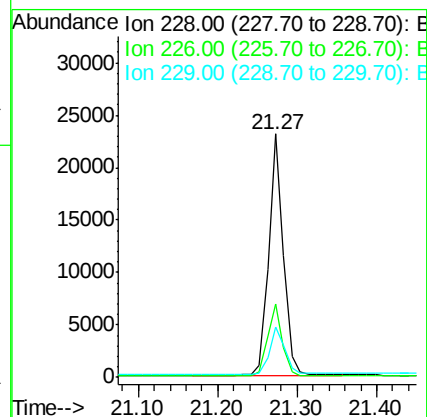
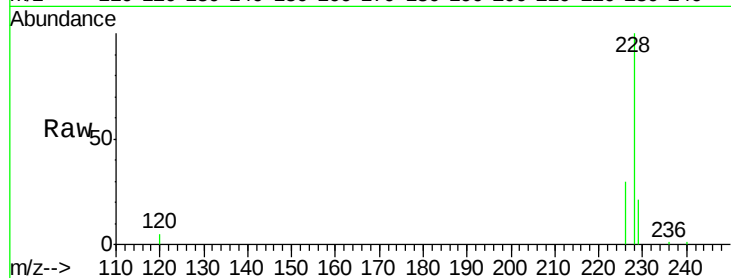
Tgt Ion:228 Resp: 30269

Ion Ratio Lower Upper

228 100

226 30.3 21.2 31.8

229 20.6 17.0 25.6



#23

Benzo(b)fluoranthene

Concen: 0.81 ng/ul

RT: 22.78 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BM006312.D

Acq: 07 Jul 2016 10:26

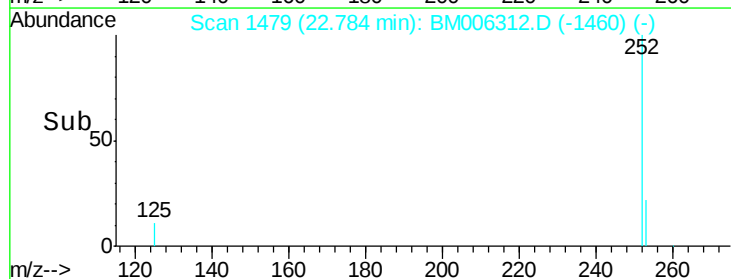
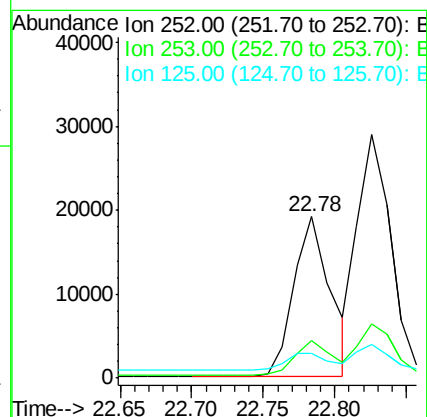
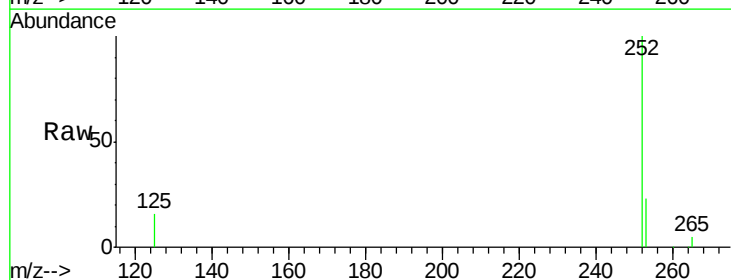
Tgt Ion:252 Resp: 33923

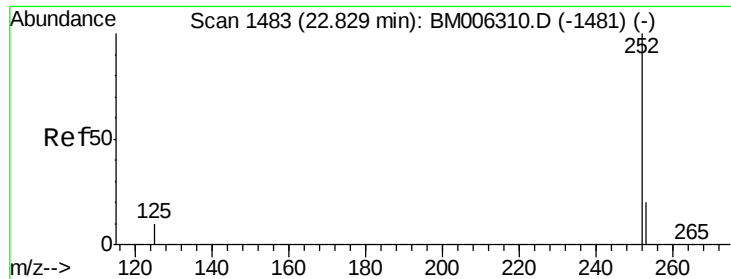
Ion Ratio Lower Upper

252 100

253 23.3 0.0 45.4

125 15.6 0.0 28.8





#24

Benzo(k)fluoranthene

Concen: 1.22 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BM006312.D

Acq: 07 Jul 2016 10:26

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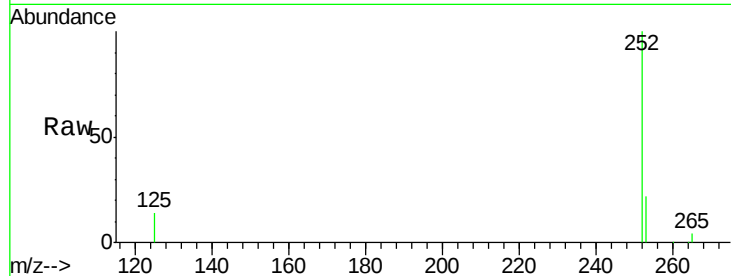
Tgt Ion:252 Resp: 47594

Ion Ratio Lower Upper

252 100

253 22.4 19.8 29.8

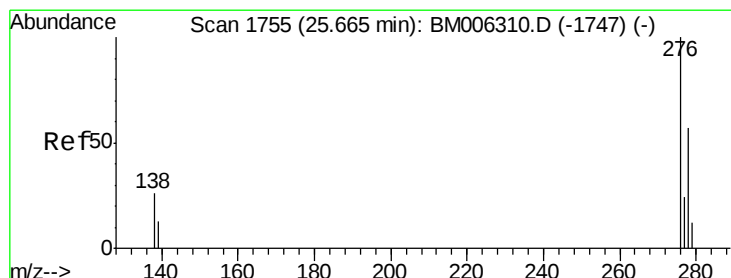
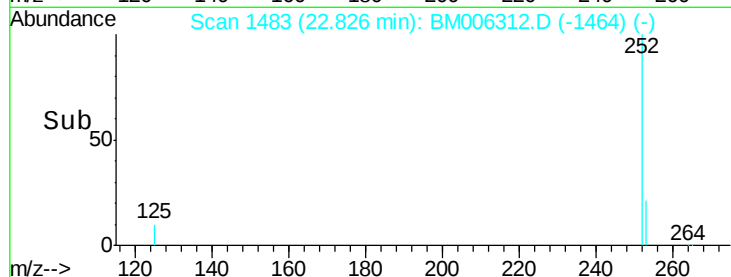
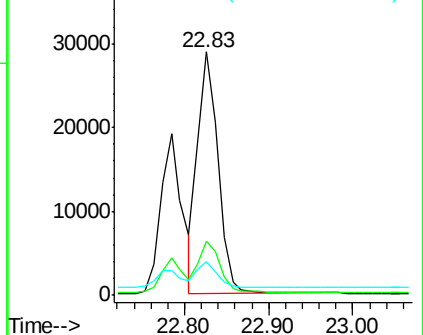
125 13.6 10.4 15.6



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.17 ng/ul

RT: 25.67 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BM006312.D

Acq: 07 Jul 2016 10:26

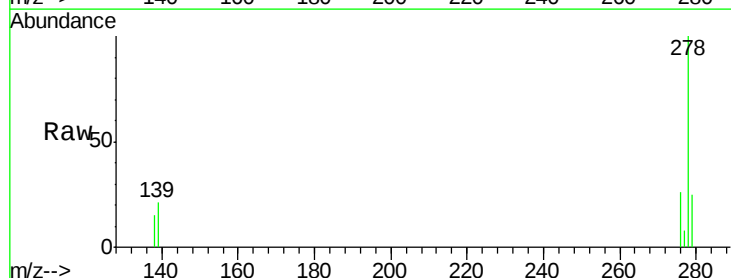
Tgt Ion:276 Resp: 7210

Ion Ratio Lower Upper

276 100

138 61.2 16.3 24.5#

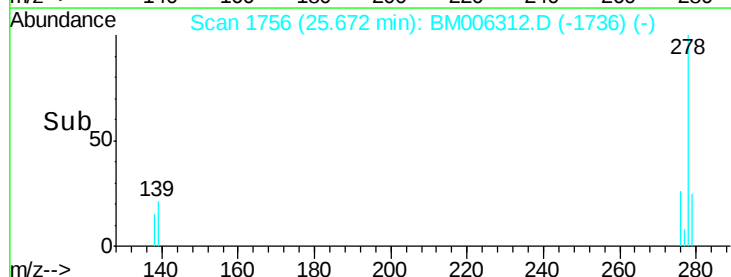
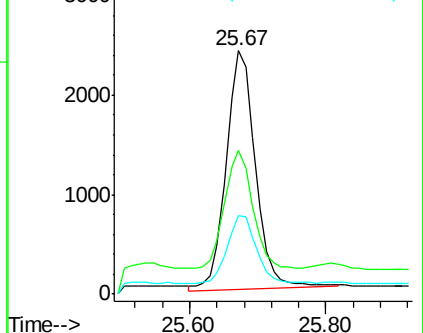
277 33.1 19.8 29.8#

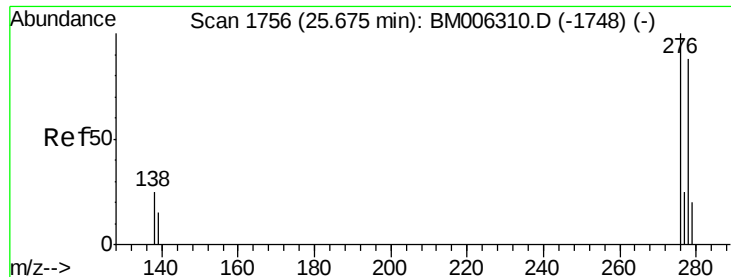


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.85 ng/ul

RT: 25.68 min Scan# 1757

Delta R.T. 0.01 min

Lab File: BM006312.D

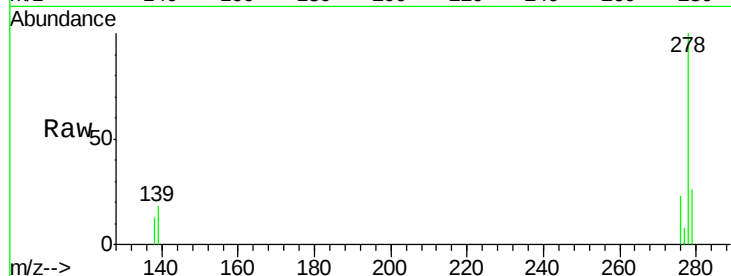
Acq: 07 Jul 2016 10:26

Instrument :

BNA_M

ClientSampleId :

A4TX7



Tgt Ion: 278 Resp: 28748

Ion Ratio Lower Upper

278 100

139 18.5 16.4 24.6

279 25.7 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

