

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070716\
 Data File : BM006296.D
 Acq On : 06 Jul 2016 23:16
 Operator : UM/SJ
 Sample : H3811-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV8

Quant Time: Jul 07 02:21:43 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

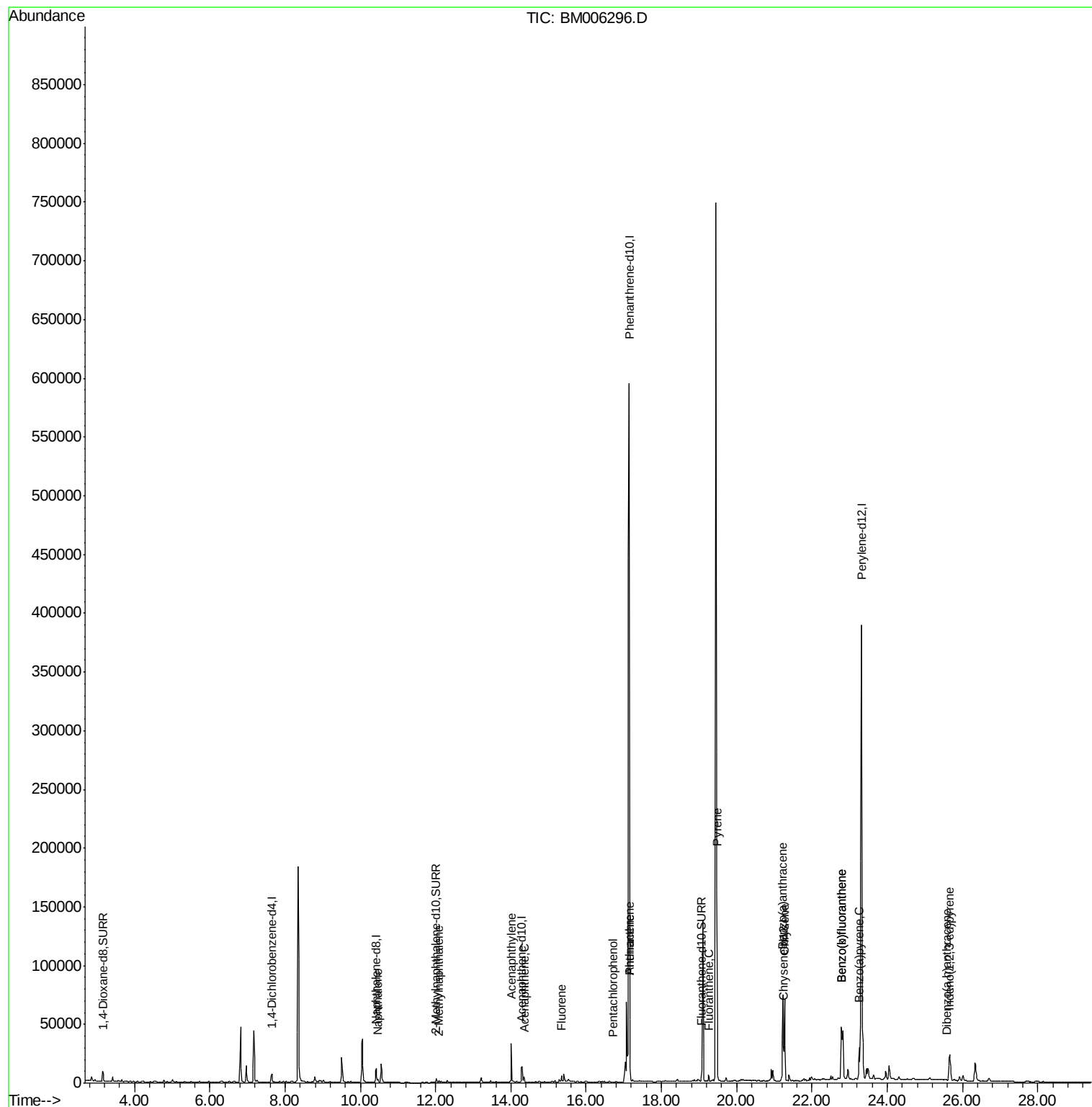
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4458	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	17803	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	10183	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.14	188	908933	0.40	ng/ul	0.10
18) Chrysene-d12	21.24	240	15479	0.40	ng/ul	0.00
22) Perylene-d12	23.32	264	531125	0.40	ng/ul	-0.14
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	6564	3.48	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	5329	0.26	ng/ul	-0.01
16) Fluoranthene-d10	19.07	212	11866	0.01	ng/ul	-0.01
Target Compounds				Qvalue		
5) Naphthalene	10.48	128	3384	0.08	ng/ul#	91
7) 2-Methylnaphthalene	12.09	142	1645	0.06	ng/ul	99
9) Acenaphthylene	14.01	152	6639	0.19	ng/ul#	94
10) Acenaphthene	14.35	153	2964	0.09	ng/ul	89
11) Fluorene	15.34	166	4024	0.11	ng/ul#	83
13) Pentachlorophenol	16.71	266	92	0.00	ng/ul	92
14) Phenanthrene	17.16	178	16896	0.01	ng/ul#	92
15) Anthracene	17.16	178	16541	0.01	ng/ul#	93
17) Fluoranthene	19.25	202	5308	0.00	ng/ul	75
19) Pyrene	19.47	202	137192	2.12	ng/ul	96
20) Benzo(a)anthracene	21.22	228	65188	1.30	ng/ul#	93
21) Chrysene	21.27	228	66957	1.36	ng/ul	96
23) Benzo(b)fluoranthene	22.78	252	67602	0.04	ng/ul	93
24) Benzo(k)fluoranthene	22.78	252	96426	0.05	ng/ul#	90
25) Benzo(a)pyrene	23.25	252	39613	0.02	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.66	276	32451	0.02	ng/ul	95
27) Dibenzo(a,h)anthracene	25.58	278	3408	0.00	ng/ul#	26

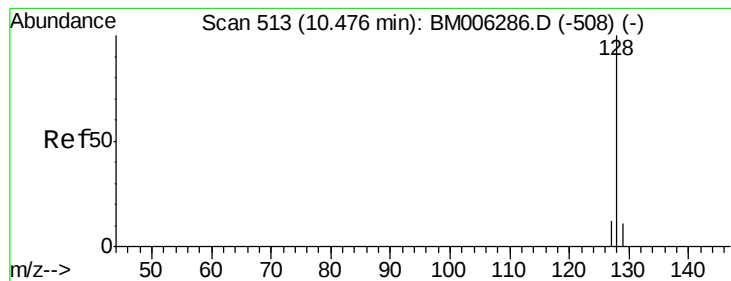
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.08 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

Instrument :

BNA_M

ClientSampleId :

A4TV8

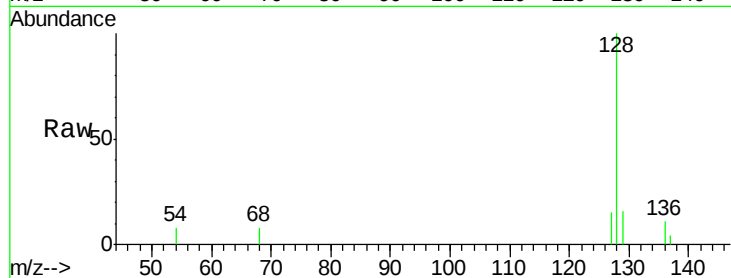
Tgt Ion:128 Resp: 3384

Ion Ratio Lower Upper

128 100

129 15.5 9.0 13.6#

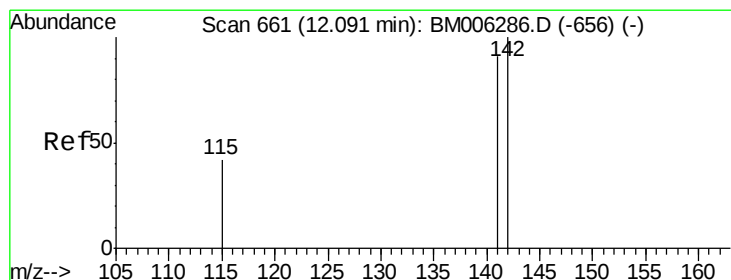
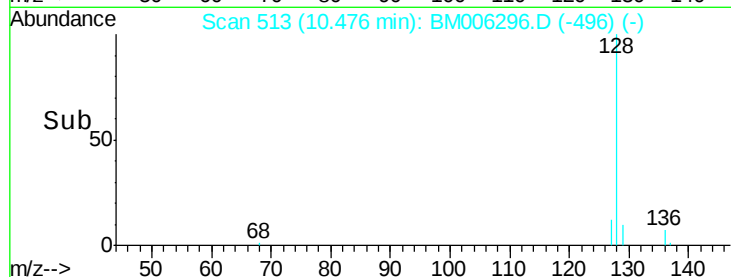
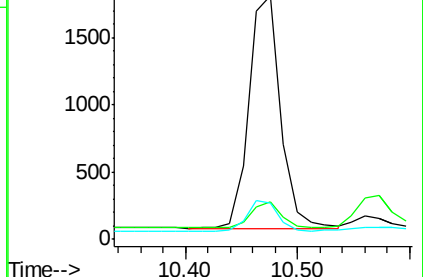
127 14.7 9.6 14.4#



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: 0.06 ng/ul

RT: 12.09 min Scan# 661

Delta R.T. -0.00 min

Lab File: BM006296.D

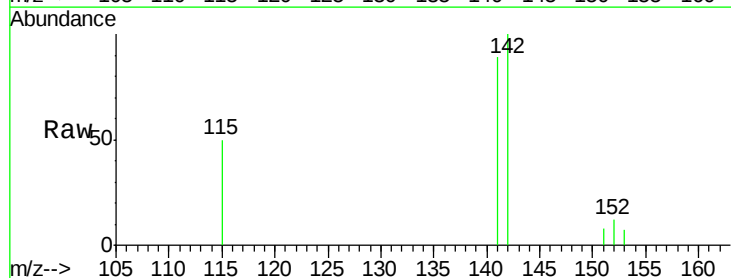
Acq: 06 Jul 2016 23:16

Tgt Ion:142 Resp: 1645

Ion Ratio Lower Upper

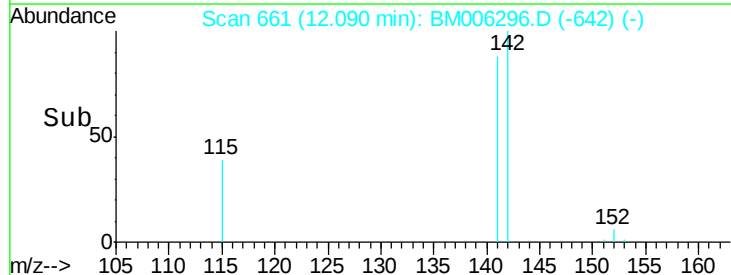
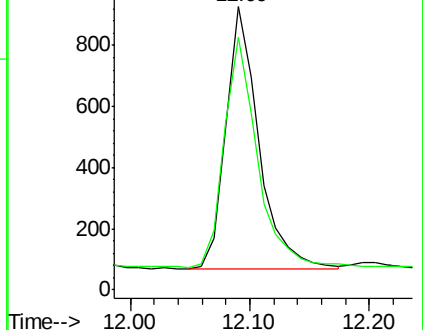
142 100

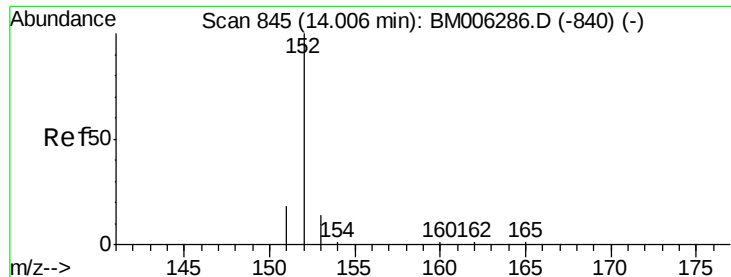
141 87.4 70.3 105.5



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: BM006296.D

Acq: 06 Jul 2016 23:16

Instrument :

BNA_M

ClientSampleId :

A4TV8

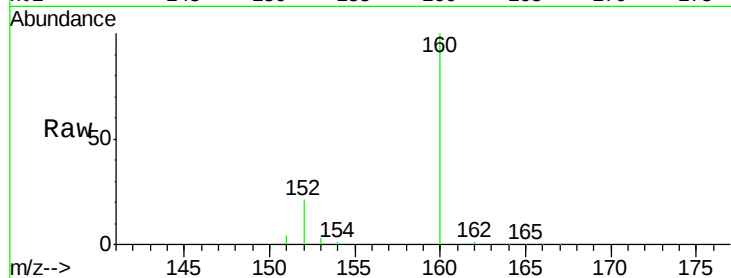
Tgt Ion:152 Resp: 6639

Ion Ratio Lower Upper

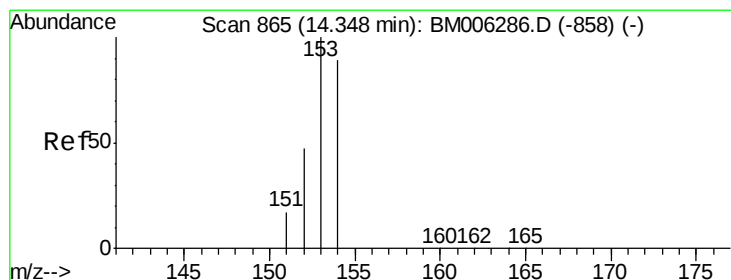
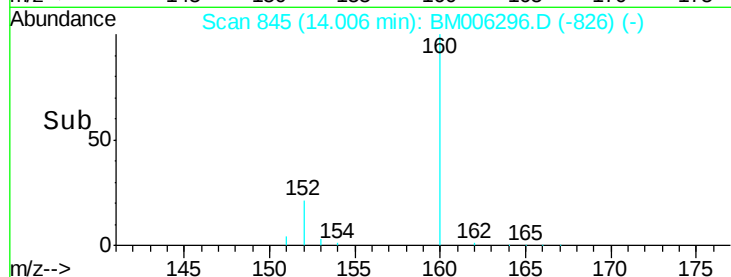
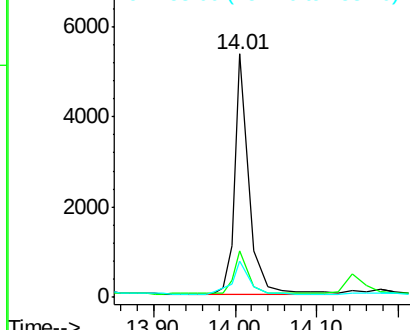
152 100

151 19.2 17.6 26.4

153 15.1 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: 0.09 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

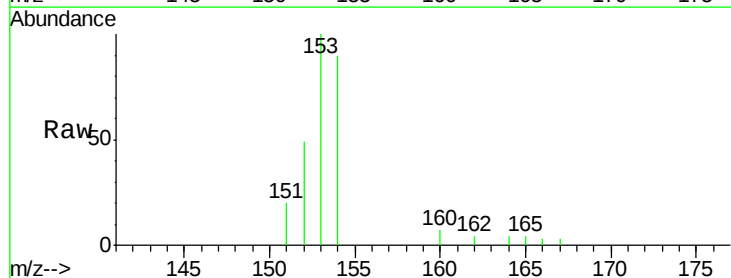
Tgt Ion:153 Resp: 2964

Ion Ratio Lower Upper

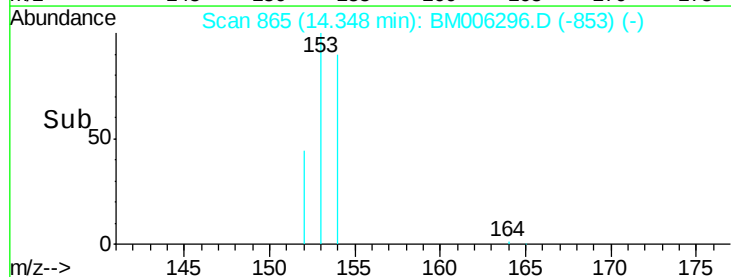
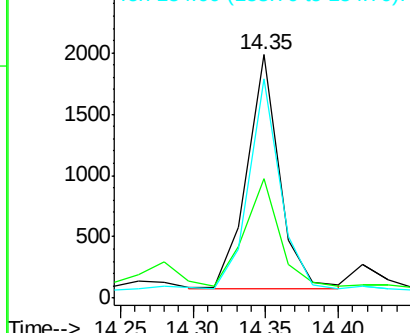
153 100

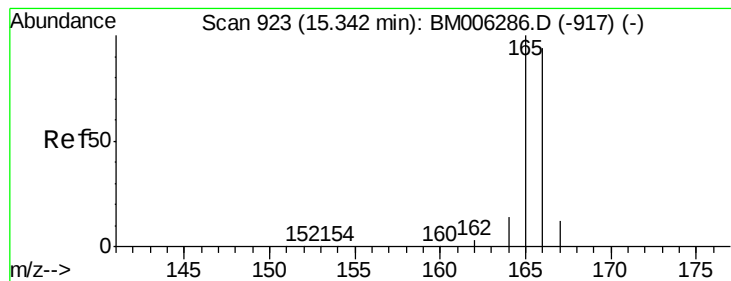
152 48.8 33.9 50.9

154 90.0 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: 0.11 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

Instrument :

BNA_M

ClientSampleId :

A4TV8

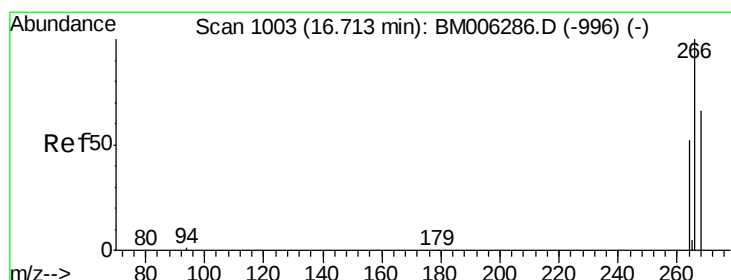
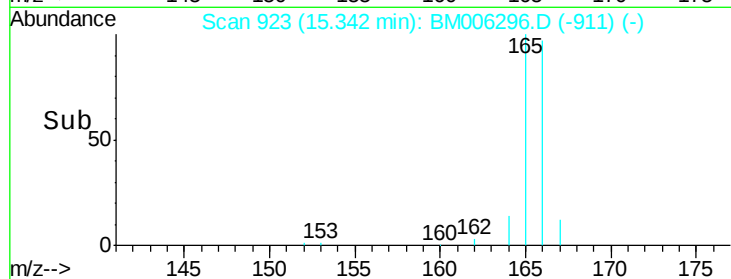
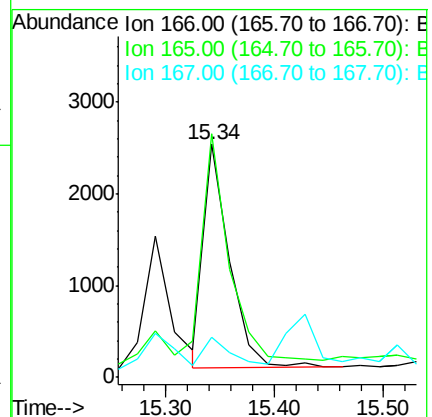
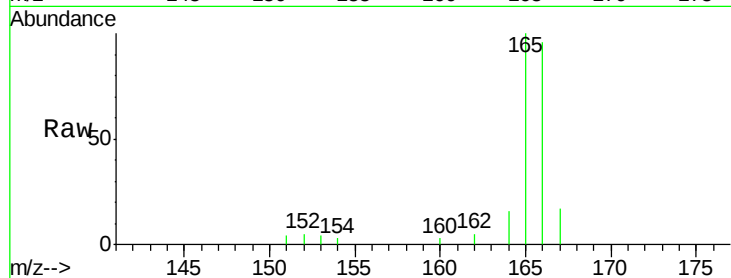
Tgt Ion:166 Resp: 4024

Ion Ratio Lower Upper

166 100

165 104.5 69.6 104.4#

167 17.3 11.9 17.9



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.71 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

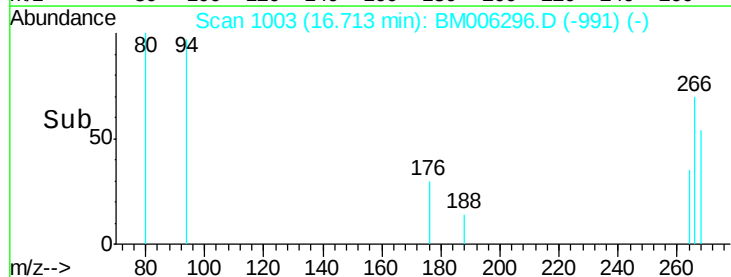
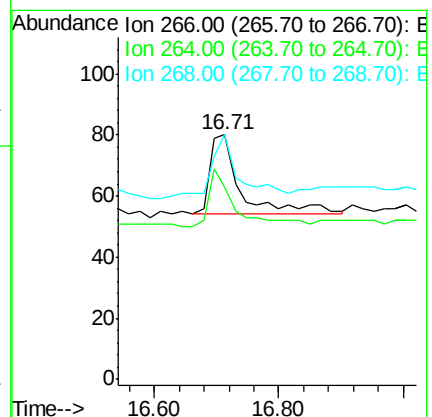
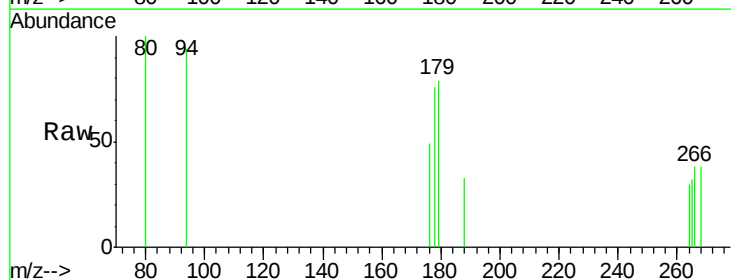
Tgt Ion:266 Resp: 92

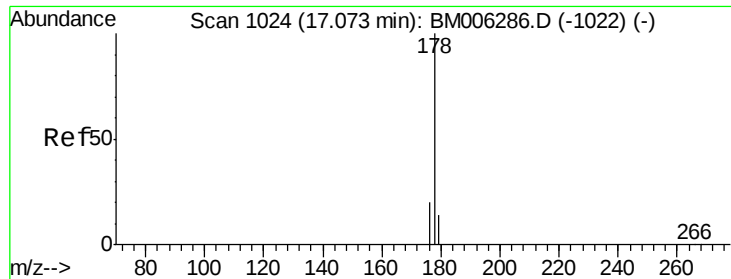
Ion Ratio Lower Upper

266 100

264 60.9 51.8 77.8

268 50.0 46.8 70.2





#14

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. 0.09 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

Instrument :

BNA_M

ClientSampleId :

A4TV8

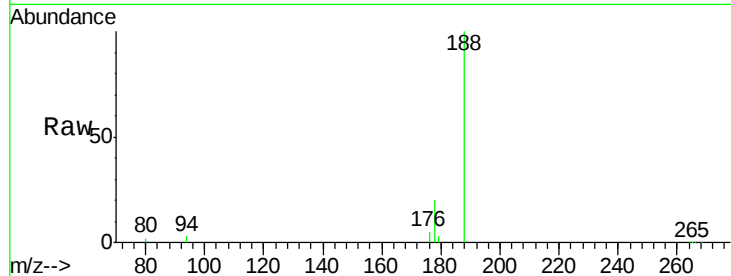
Tgt Ion:178 Resp: 16896

Ion Ratio Lower Upper

178 100

176 22.7 13.0 19.4#

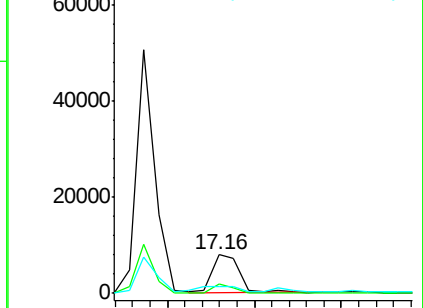
179 16.8 14.2 21.2



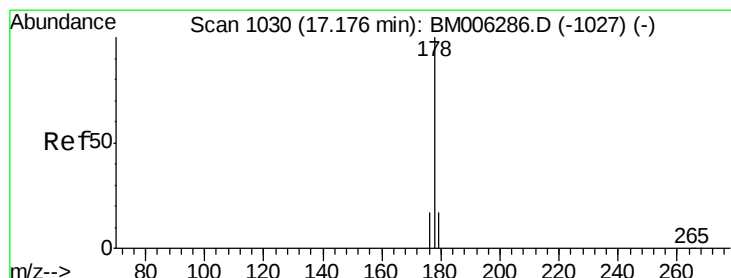
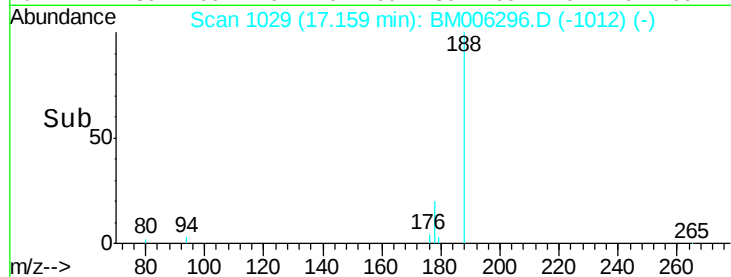
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#15

Anthracene

Concen: 0.01 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

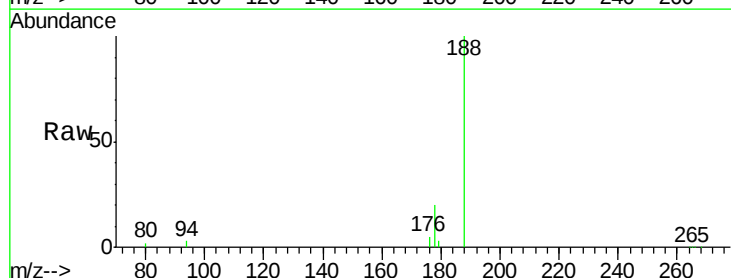
Tgt Ion:178 Resp: 16541

Ion Ratio Lower Upper

178 100

176 22.7 14.0 21.0#

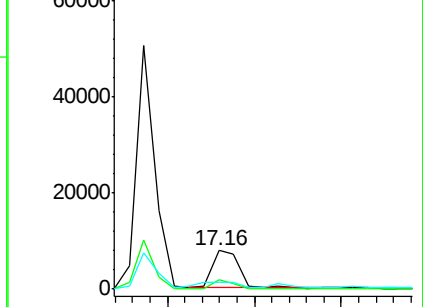
179 16.8 12.9 19.3



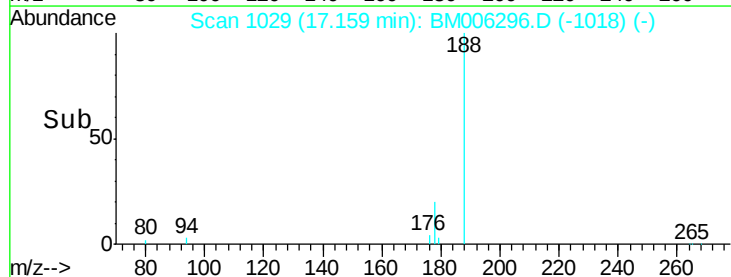
Abundance Ion 178.00 (177.70 to 178.70): E

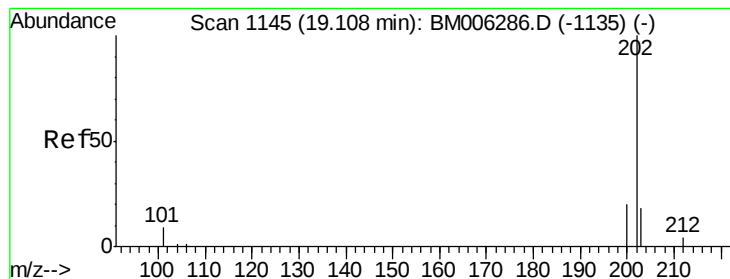
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.25 min Scan# 1157

Delta R.T. 0.15 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

Instrument :

BNA_M

ClientSampleId :

A4TV8

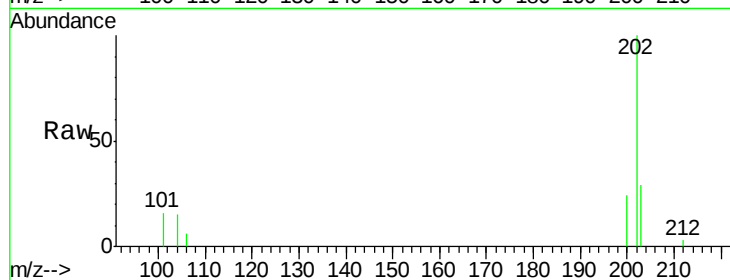
Tgt Ion: 202 Resp: 5308

Ion Ratio Lower Upper

202 100

101 15.6 0.0 29.6

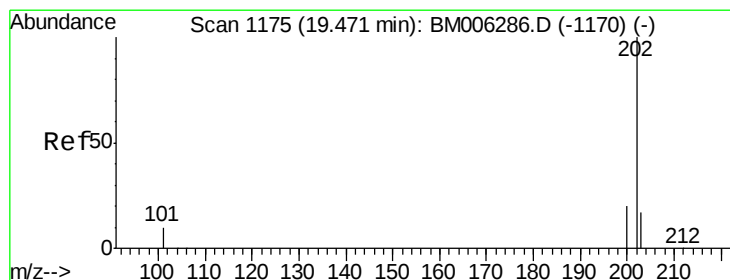
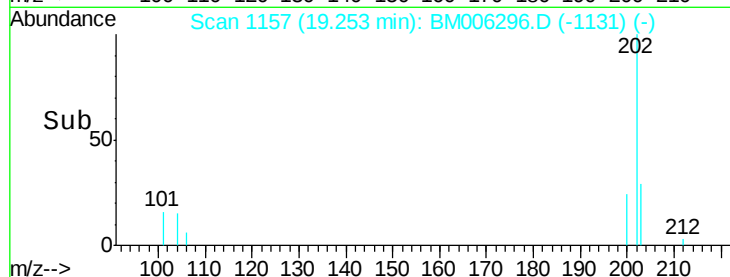
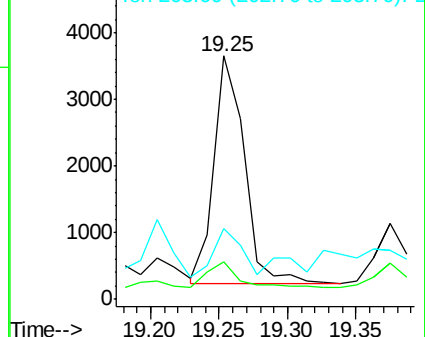
203 29.2 0.0 36.3



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



#19

Pyrene

Concen: 2.12 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

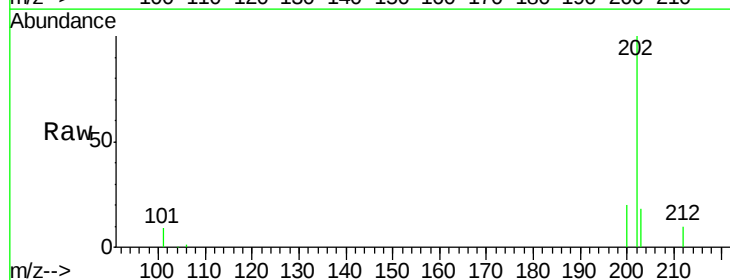
Tgt Ion: 202 Resp: 137192

Ion Ratio Lower Upper

202 100

200 20.3 17.8 26.8

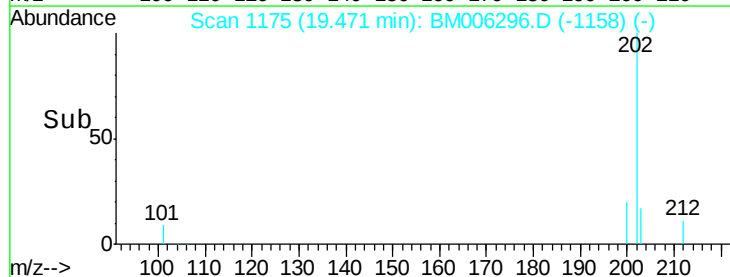
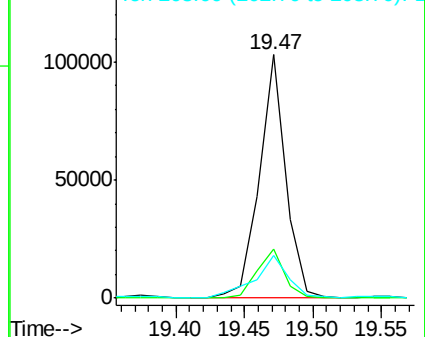
203 17.6 12.8 19.2

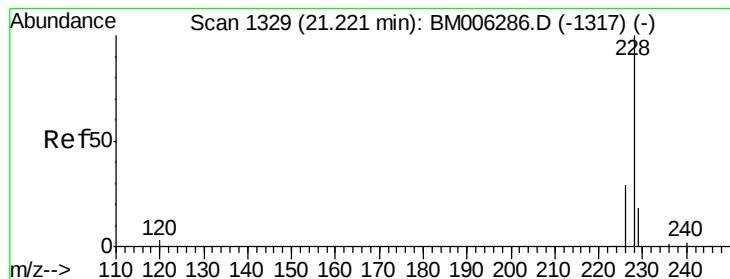


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 1.30 ng/ul

RT: 21.22 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

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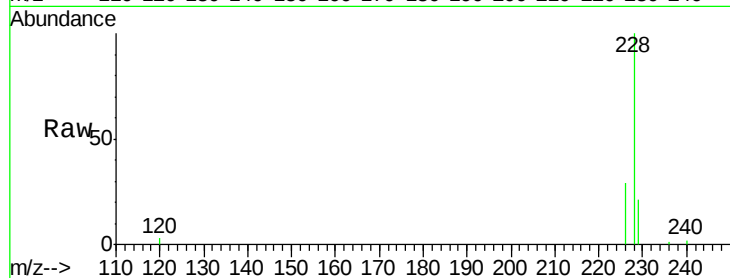
Tgt Ion:228 Resp: 65188

Ion Ratio Lower Upper

228 100

226 29.4 18.8 28.2#

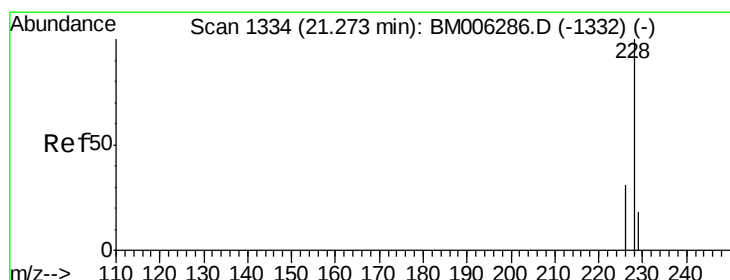
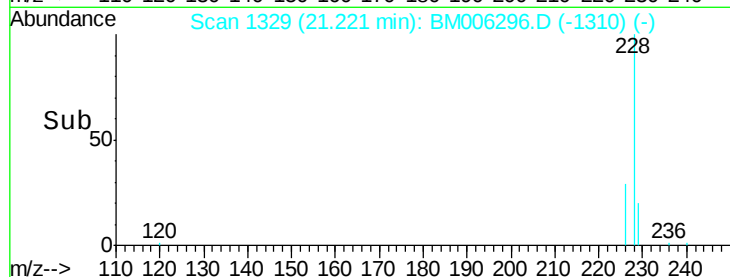
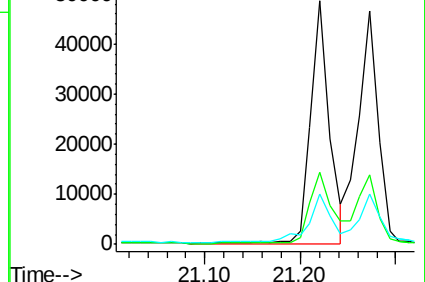
229 20.9 17.1 25.7



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



#21

Chrysene

Concen: 1.36 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

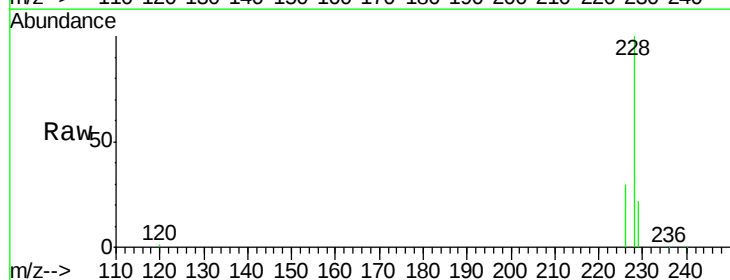
Tgt Ion:228 Resp: 66957

Ion Ratio Lower Upper

228 100

226 29.8 21.2 31.8

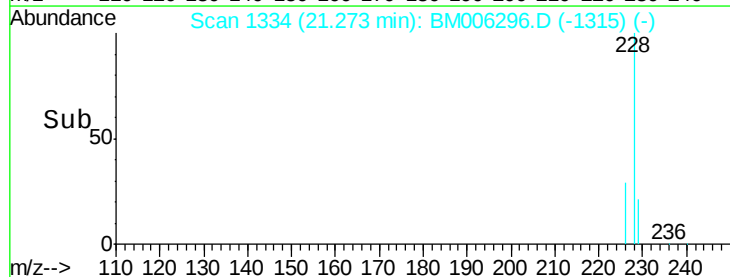
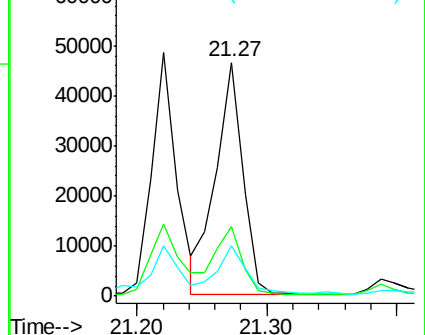
229 21.6 17.0 25.6

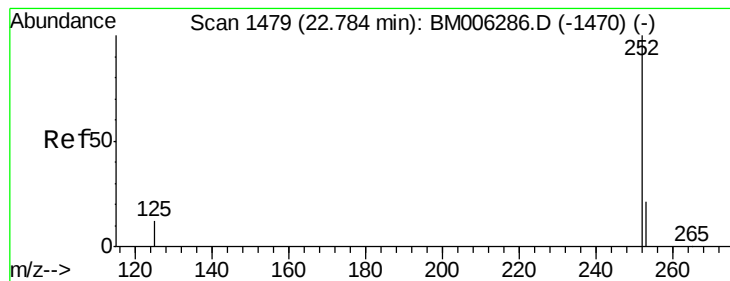


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.04 ng/u1

RT: 22.78 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

Instrument :

BNA_M

ClientSampleId :

A4TV8

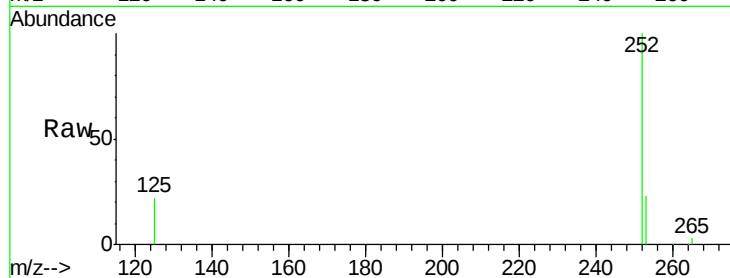
Tgt Ion:252 Resp: 67602

Ion Ratio Lower Upper

252 100

253 22.9 0.0 45.4

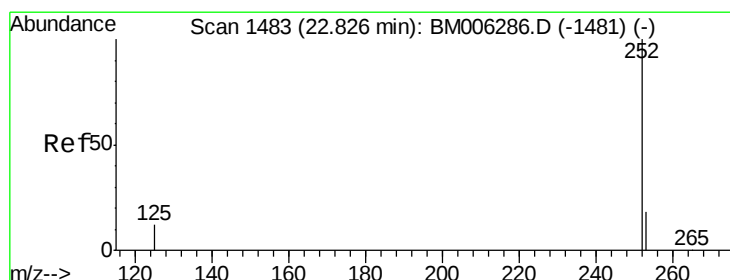
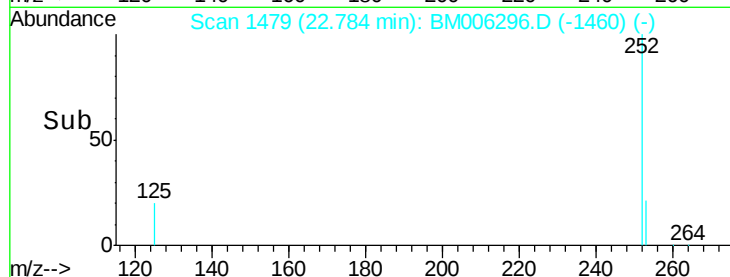
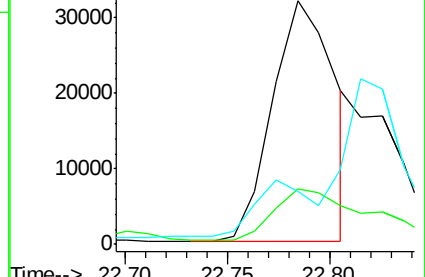
125 22.0 0.0 28.8



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: 0.05 ng/u1

RT: 22.78 min Scan# 1479

Delta R.T. -0.04 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

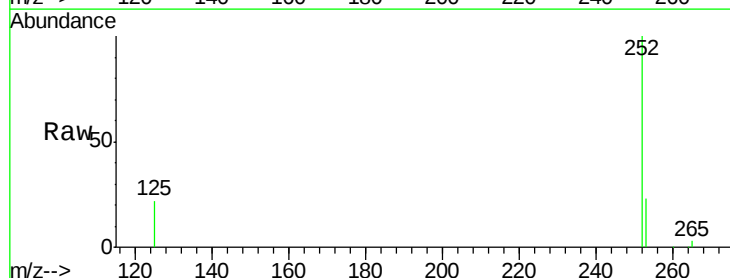
Tgt Ion:252 Resp: 96426

Ion Ratio Lower Upper

252 100

253 22.9 19.8 29.8

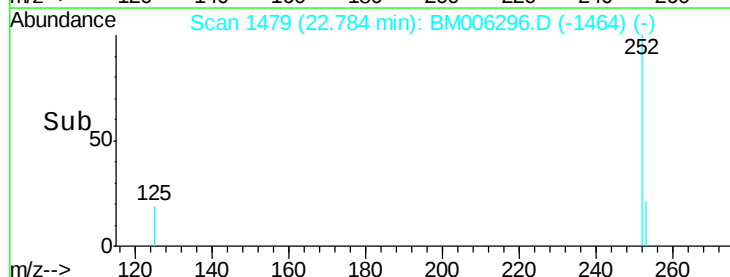
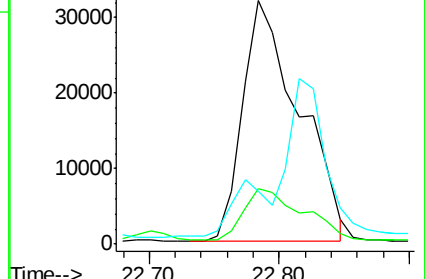
125 22.0 10.4 15.6#

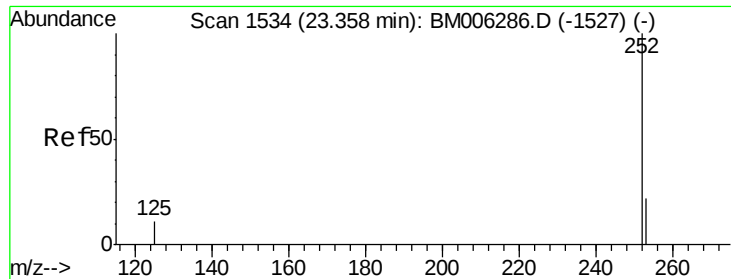


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.02 ng/u1

RT: 23.25 min Scan# 1524

Delta R.T. -0.10 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

Instrument :

BNA_M

ClientSampleId :

A4TV8

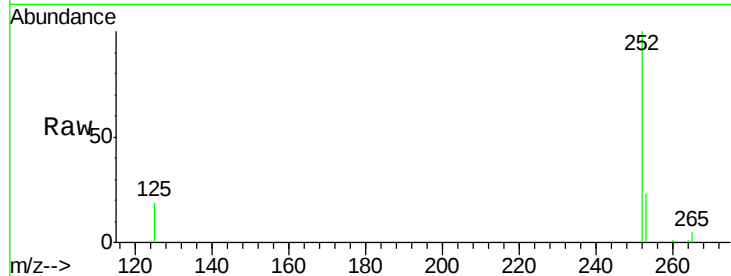
Tgt Ion:252 Resp: 39613

Ion Ratio Lower Upper

252 100

253 22.9 19.4 29.2

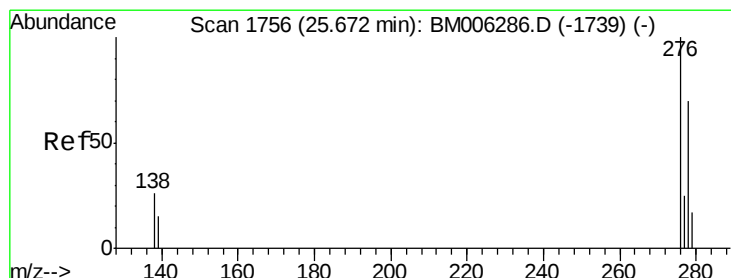
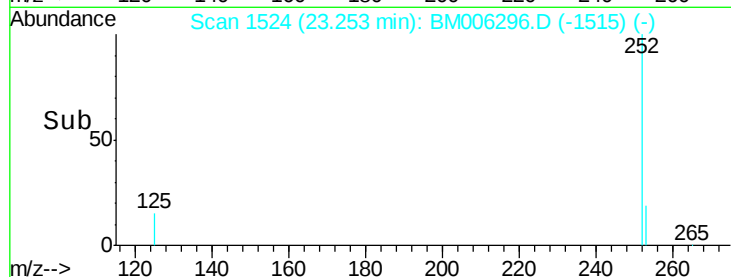
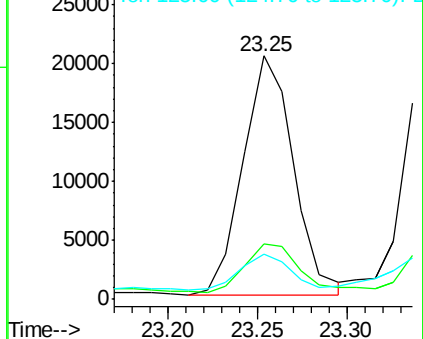
125 18.7 12.7 19.1



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: 0.02 ng/u1

RT: 25.66 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BM006296.D

Acq: 06 Jul 2016 23:16

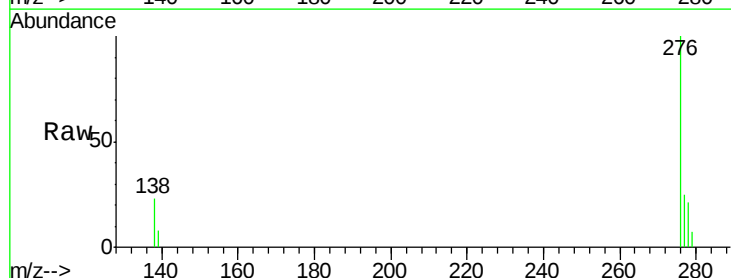
Tgt Ion:276 Resp: 32451

Ion Ratio Lower Upper

276 100

138 22.9 16.3 24.5

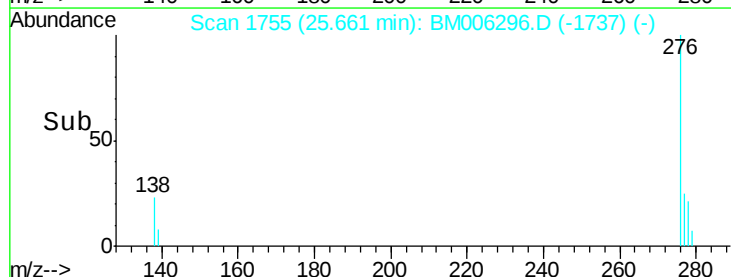
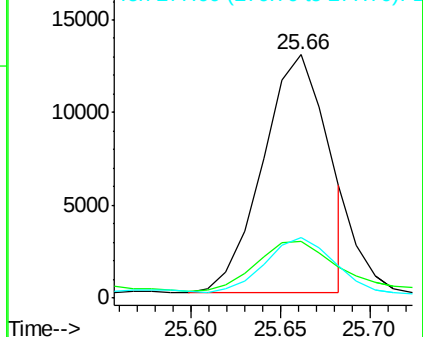
277 22.3 19.8 29.8

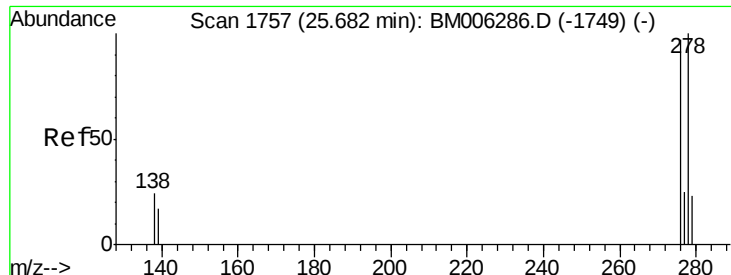


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.58 min Scan# 1747

Delta R.T. -0.10 min

Lab File: BM006296.D

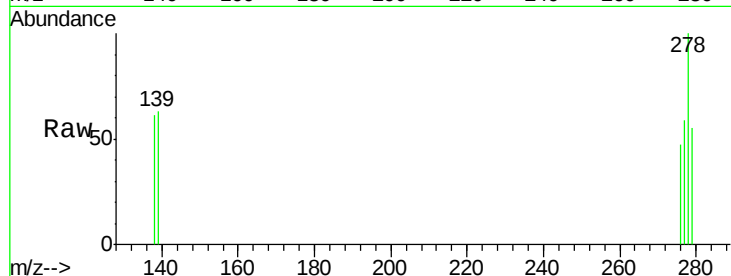
Acq: 06 Jul 2016 23:16

Instrument :

BNA_M

ClientSampleId :

A4TV8



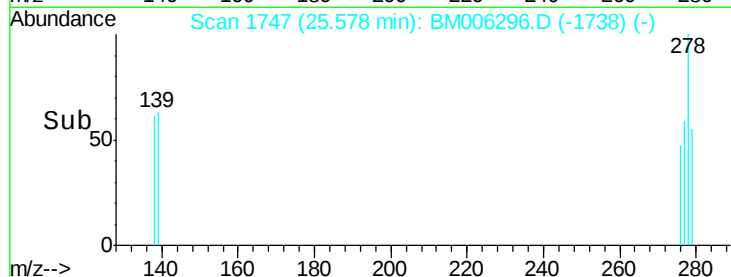
Tgt Ion: 278 Resp: 3408

Ion Ratio Lower Upper

278 100

139 63.2 16.4 24.6#

279 55.5 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

