

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\
 Data File : BE095396.D
 Acq On : 2 Feb 2018 14:37
 Operator : SJ/JU
 Sample : J1244-01DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 02 15:27:53 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 15:25:49 2018
 Response via : Initial Calibration

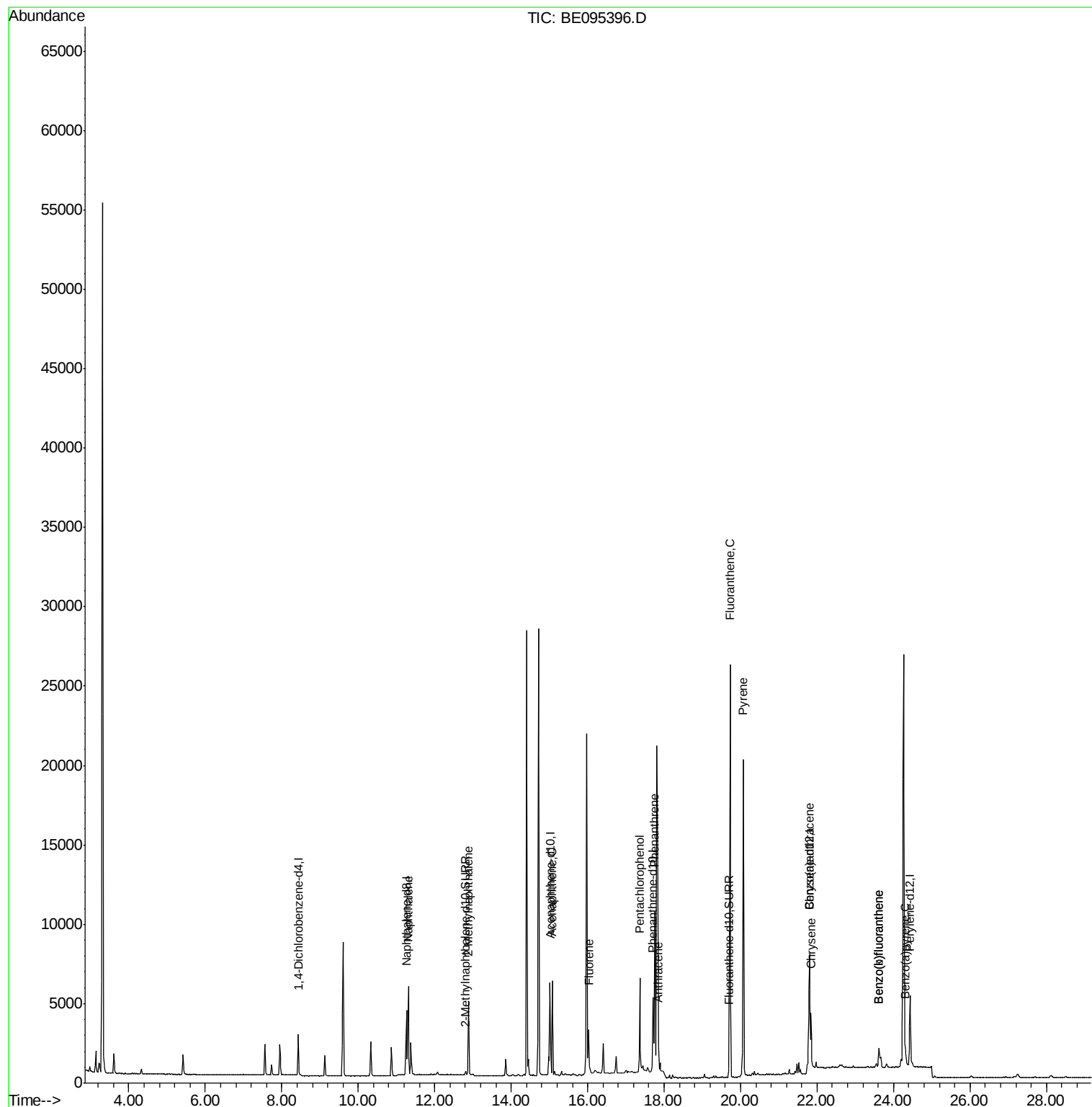
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1851	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5537	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3241	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6858	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7181	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	6931	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	255	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	576	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	7950	0.513	ng/ul#	88
5) 2-Methylnaphthalene	12.88	142	3793	0.366	ng/ul	99
8) Acenaphthene	15.08	153	3347	0.277	ng/ul	96
9) Fluorene	16.02	166	2017	0.162	ng/ul	84
11) Pentachlorophenol	17.36	266	4001	3.012	ng/ul	97
12) Phenanthrene	17.75	178	11486	0.498	ng/ul#	89
13) Anthracene	17.84	178	1471	0.070	ng/ul	96
15) Fluoranthene	19.72	202	29250	0.979	ng/ul	82
17) Pyrene	20.07	202	25065	1.040	ng/ul#	80
18) Benzo(a)anthracene	21.79	228	4288	0.191	ng/ul#	88
19) Chrysene	21.84	228	3663	0.157	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	3077	0.126	ng/ul	97
22) Benzo(k)fluoranthene	23.62	252	3077	0.138	ng/ul#	95
23) Benzo(a)pyrene	24.31	252	1138	0.052	ng/ul#	90

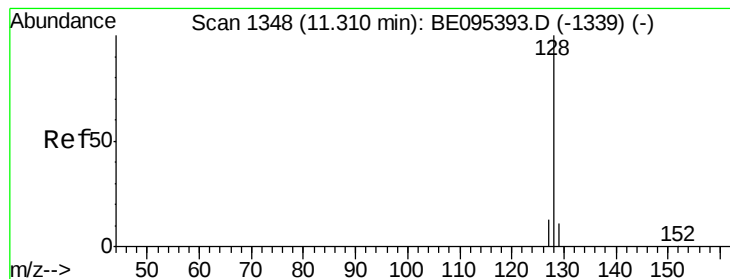
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 02 15:25:49 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.513 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095396.D

Acq: 2 Feb 2018 14:37

Instrument :

BNA_E

ClientSampleId :

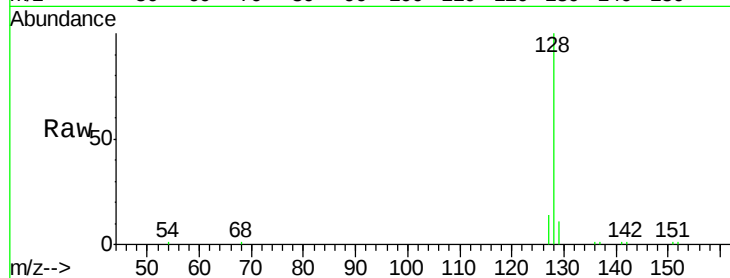
Tot Ion:128 Resp: 7950

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

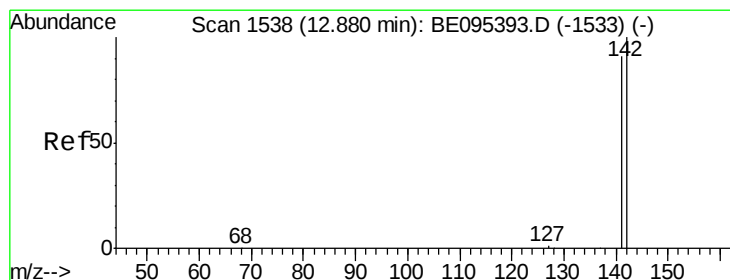
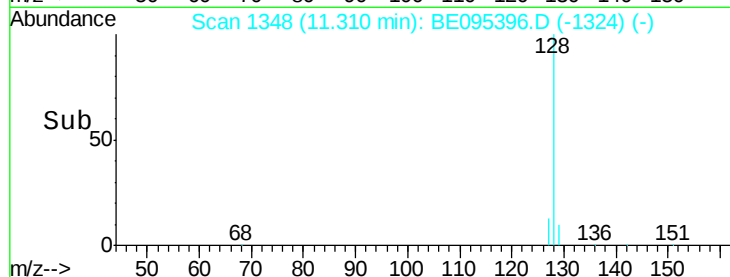
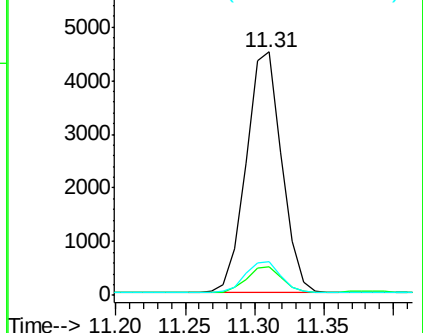
127 13.7 4.0 6.0#



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: 0.366 ng/ul

RT: 12.88 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BE095396.D

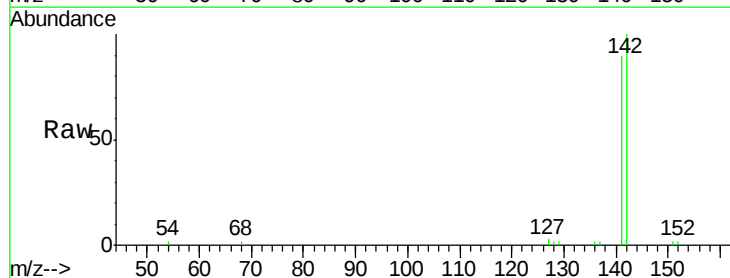
Acq: 2 Feb 2018 14:37

Tgt Ion:142 Resp: 3793

Ion Ratio Lower Upper

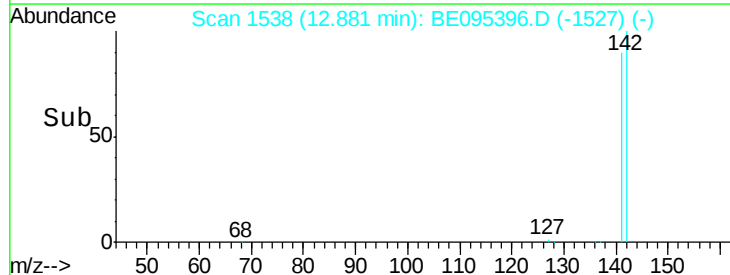
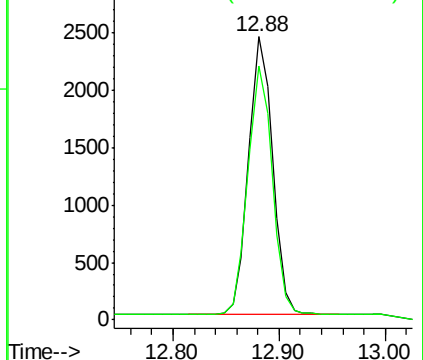
142 100

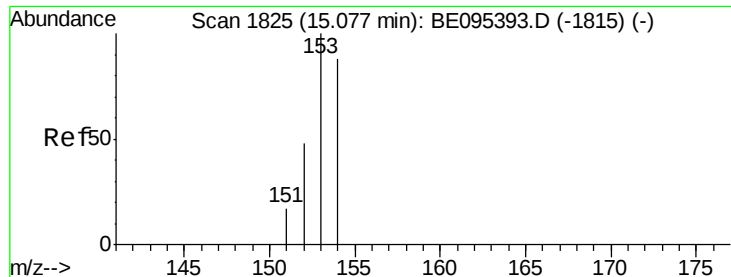
141 90.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.277 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095396.D

Acq: 2 Feb 2018 14:37

Instrument :

BNA_E

ClientSampleId :

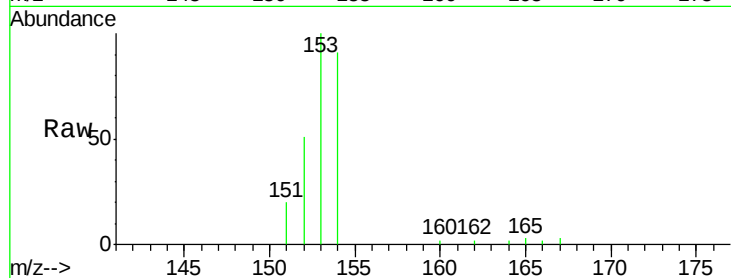
Tot Ion:153 Resp: 3347

Ion Ratio Lower Upper

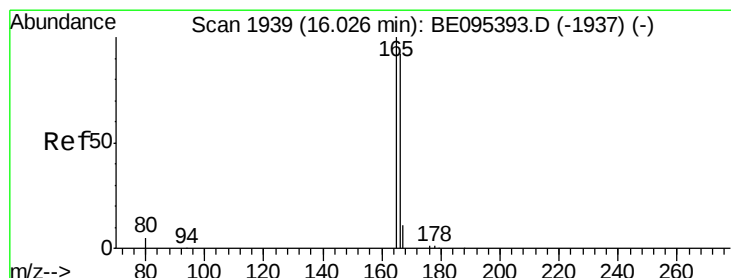
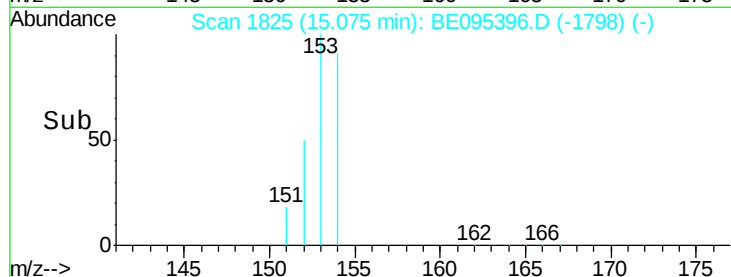
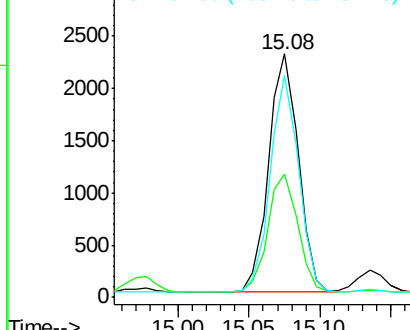
153 100

152 50.8 36.0 54.0

154 91.3 72.0 108.0



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



#9

Fluorene

Concen: 0.162 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095396.D

Acq: 2 Feb 2018 14:37

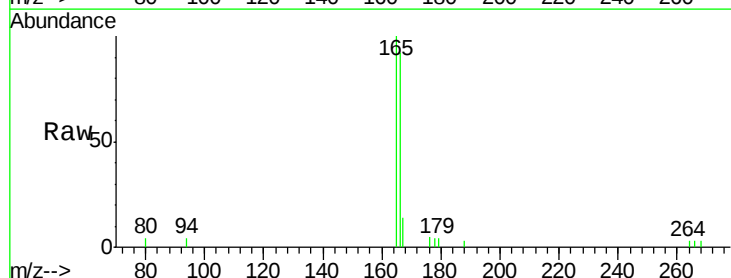
Tgt Ion:166 Resp: 2017

Ion Ratio Lower Upper

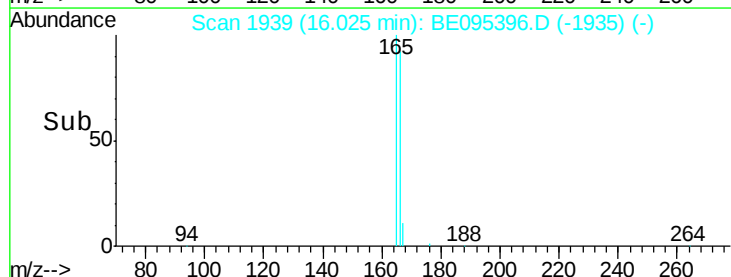
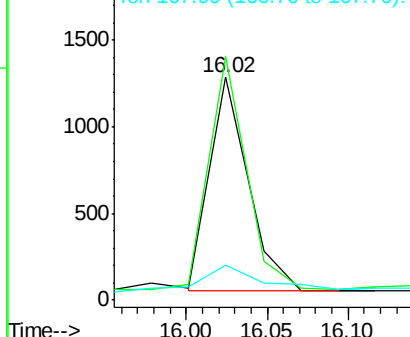
166 100

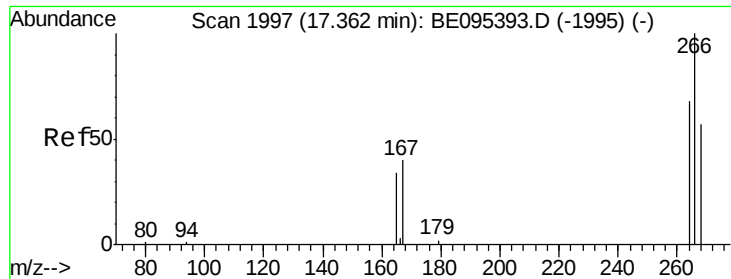
165 109.3 73.4 110.2

167 15.6 14.6 22.0



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

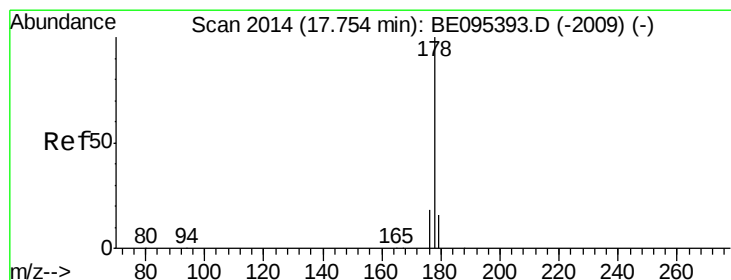
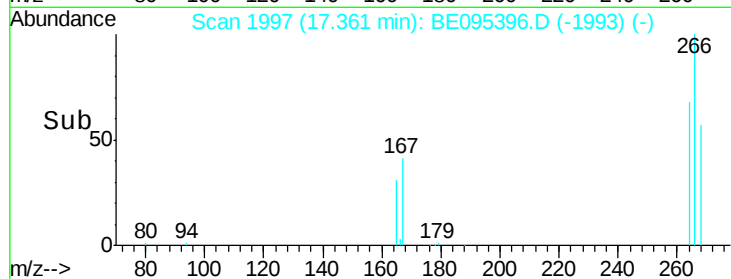
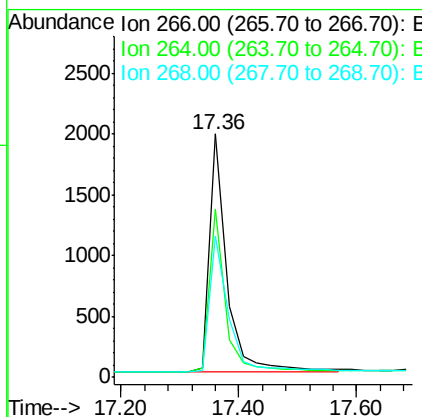
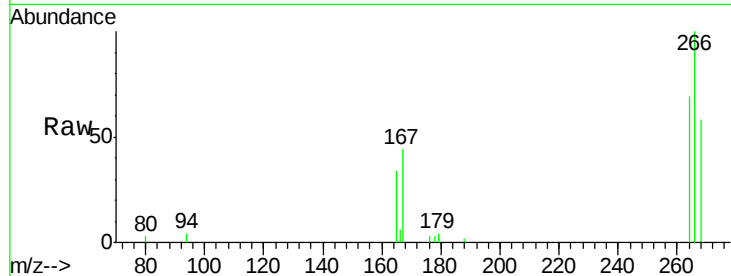




#11
 Pentachlorophenol
 Concen: 3.012 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BE095396.D
 Acq: 2 Feb 2018 14:37

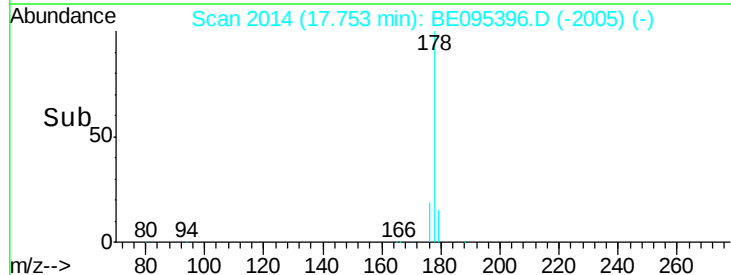
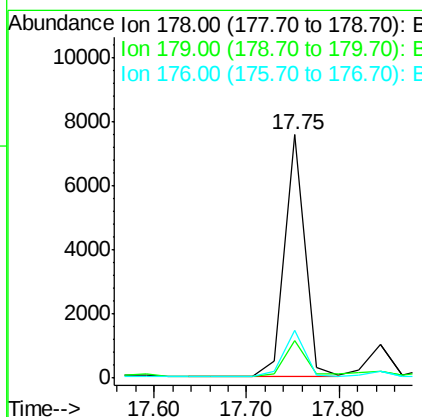
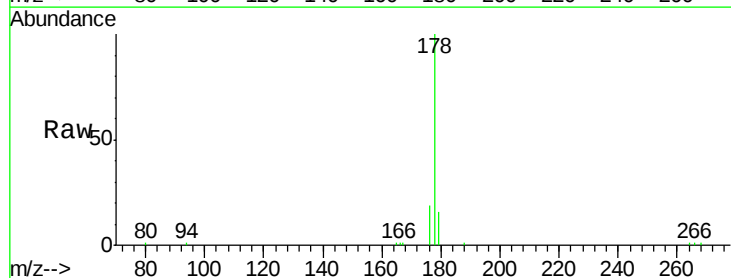
Instrument :
 BNA_E
 ClientSampleId :

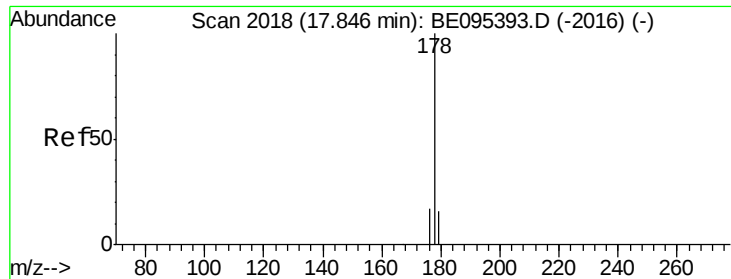
Tot Ion:266 Resp: 4001
 Ion Ratio Lower Upper
 266 100
 264 63.9 47.9 71.9
 268 62.1 49.8 74.8



#12
 Phenanthrene
 Concen: 0.498 ng/ul
 RT: 17.75 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BE095396.D
 Acq: 2 Feb 2018 14:37

Tgt Ion:178 Resp: 11486
 Ion Ratio Lower Upper
 178 100
 179 15.6 18.4 27.6#
 176 19.5 13.6 20.4





#13

Anthracene

Concen: 0.070 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095396.D

Acq: 2 Feb 2018 14:37

Instrument :

BNA_E

ClientSampled :

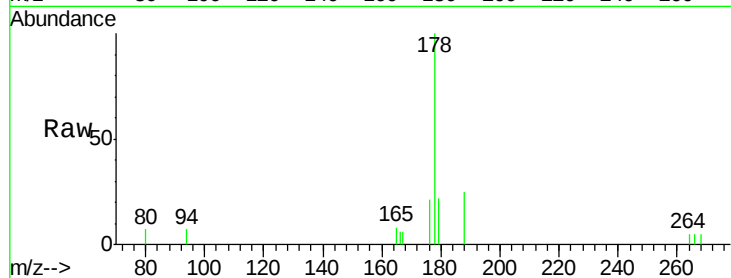
Tot Ion:178 Resp: 1471

Ion Ratio Lower Upper

178 100

179 22.0 18.1 27.1

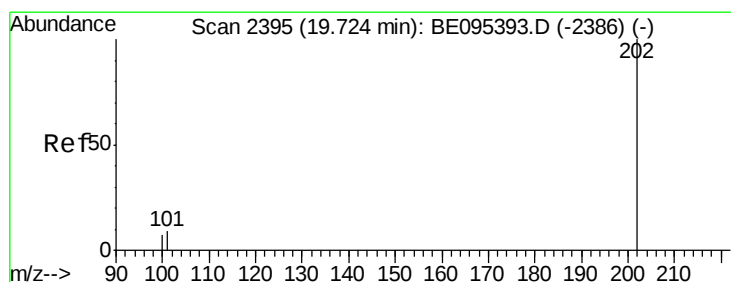
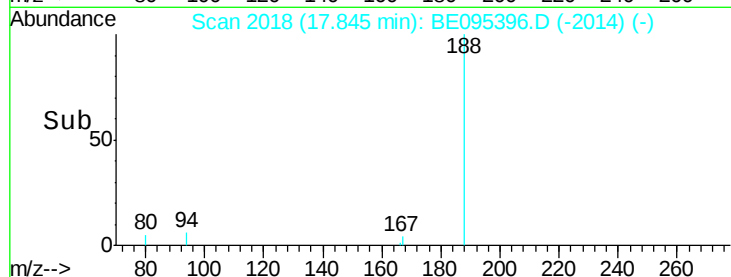
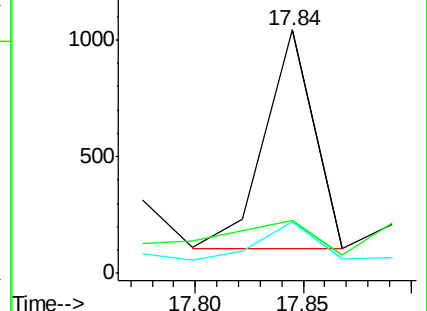
176 21.5 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.979 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095396.D

Acq: 2 Feb 2018 14:37

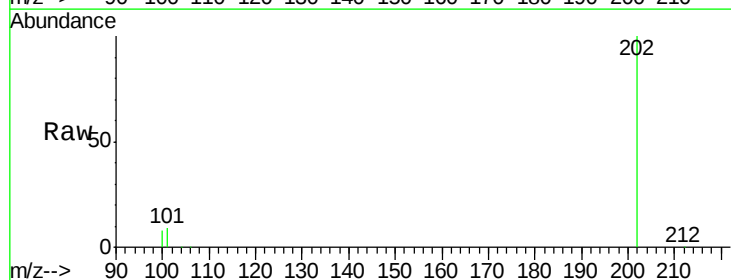
Tgt Ion:202 Resp: 29250

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.3

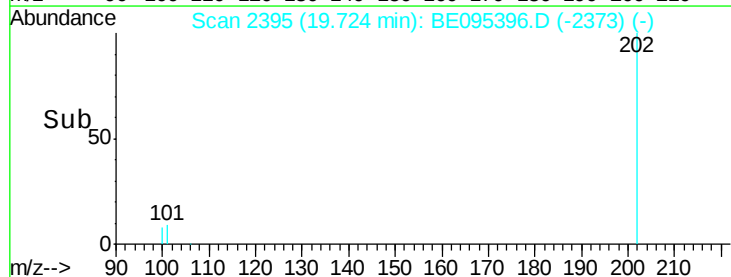
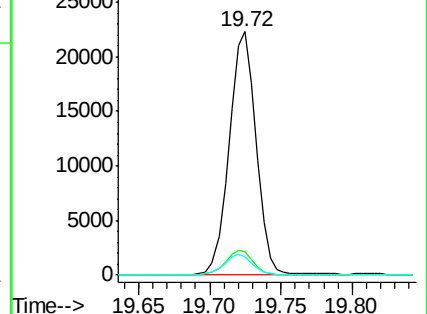
100 7.7 0.0 39.5

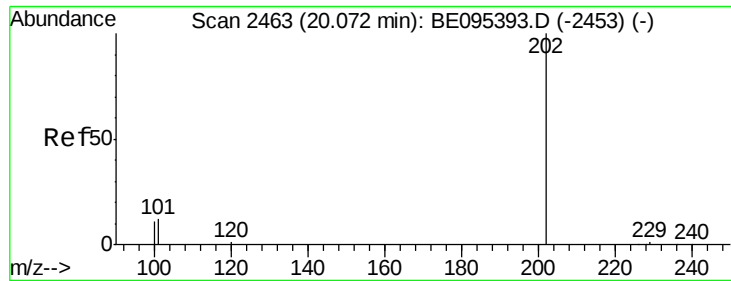


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 1.040 ng/ul

RT: 20.07 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BE095396.D

Acq: 2 Feb 2018 14:37

Instrument :

BNA_E

ClientSampleId :

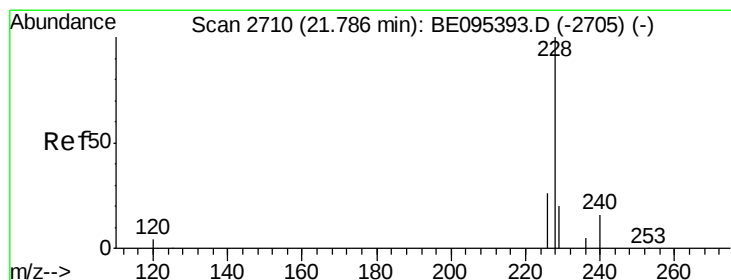
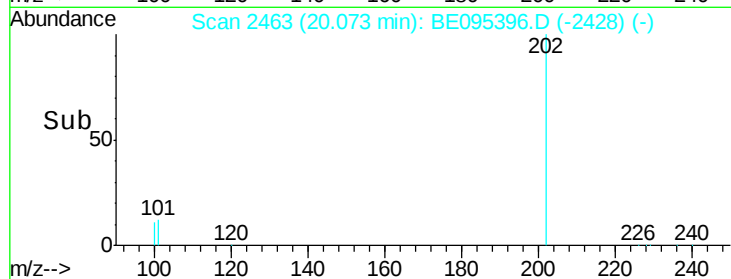
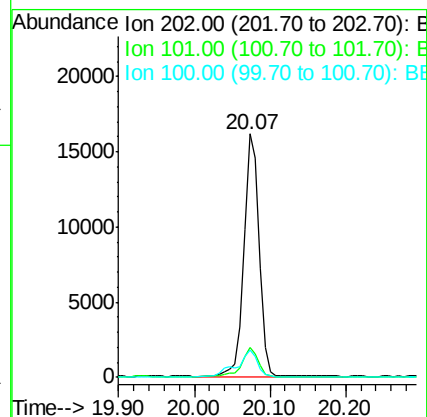
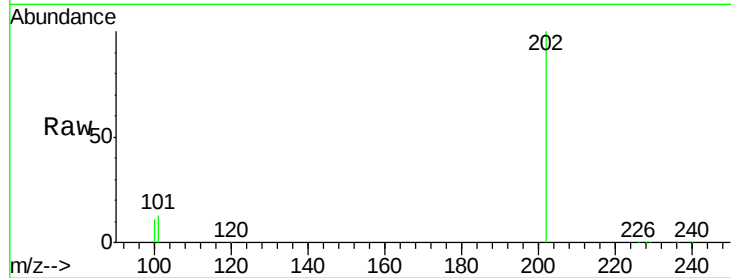
Tot Ion:202 Resp: 25065

Ion Ratio Lower Upper

202 100

101 12.5 18.2 27.4#

100 11.4 15.6 23.4#



#18

Benzo(a)anthracene

Concen: 0.191 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095396.D

Acq: 2 Feb 2018 14:37

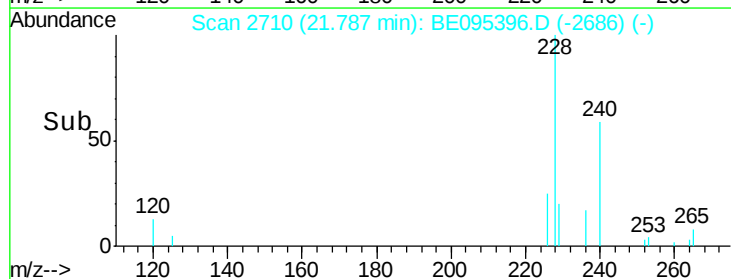
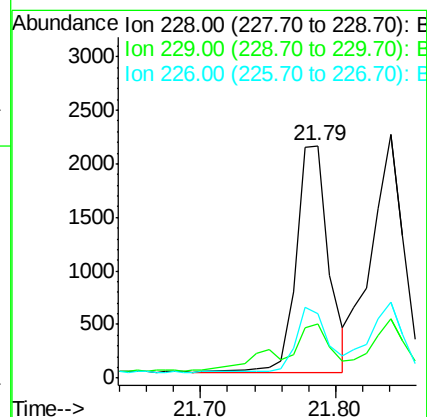
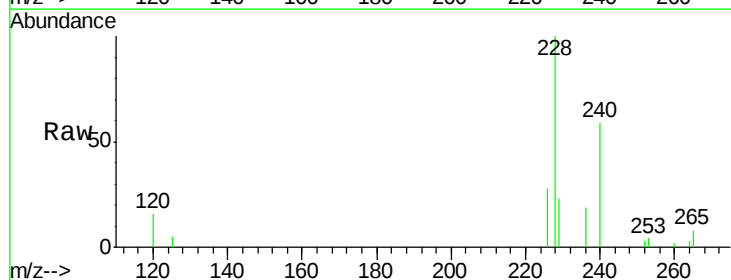
Tgt Ion:228 Resp: 4288

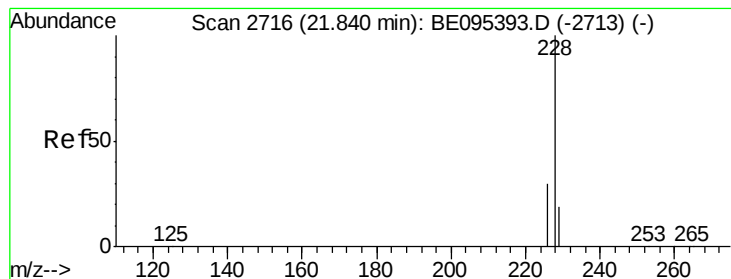
Ion Ratio Lower Upper

228 100

229 23.0 22.8 34.2

226 27.6 17.0 25.6#





#19

Chrysene

Concen: 0.157 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095396.D

Acq: 2 Feb 2018 14:37

Instrument :

BNA_E

ClientSampleId :

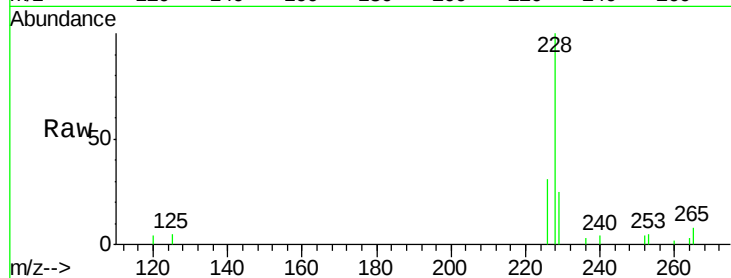
Tot Ion:228 Resp: 3663

Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.0

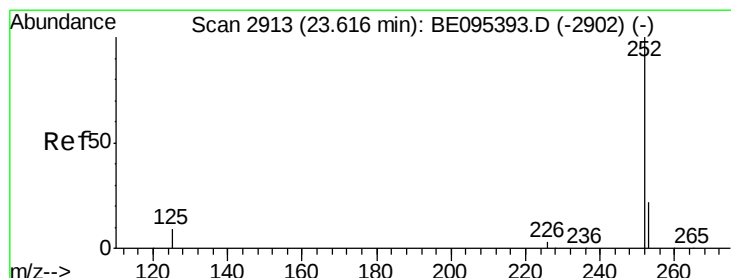
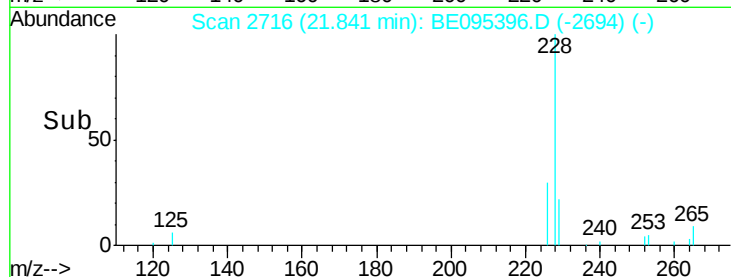
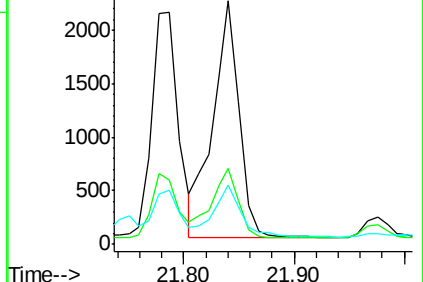
229 24.6 17.7 26.5



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

Benzo(b)fluoranthene

Concen: 0.126 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BE095396.D

Acq: 2 Feb 2018 14:37

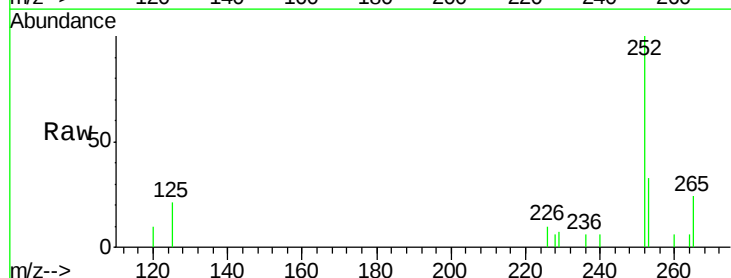
Tgt Ion:252 Resp: 3077

Ion Ratio Lower Upper

252 100

253 32.7 0.0 64.2

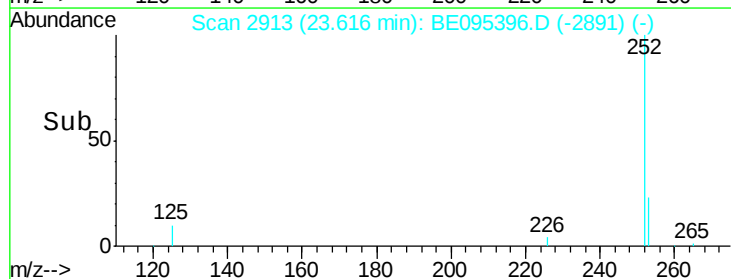
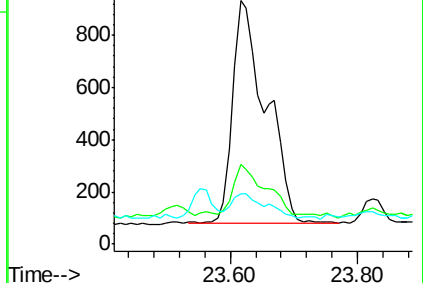
125 20.7 0.0 35.0

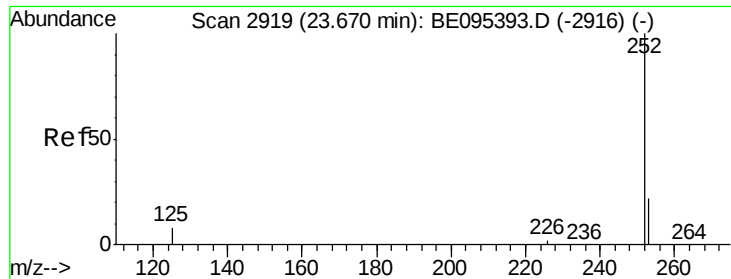


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

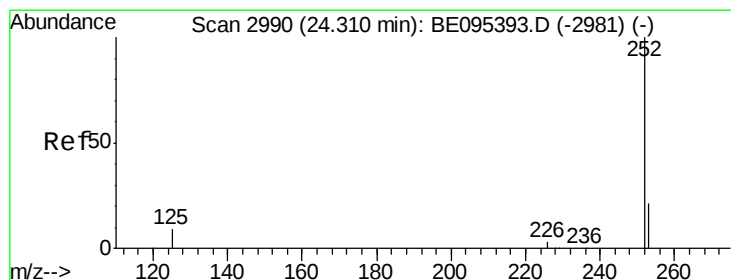
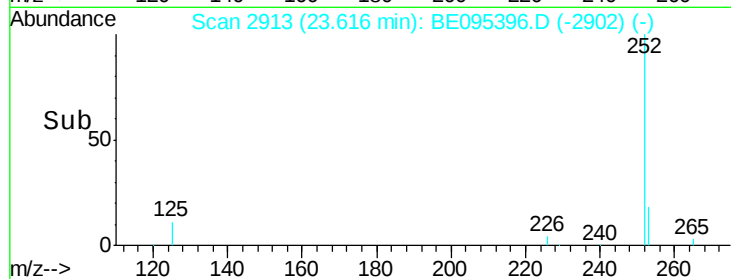
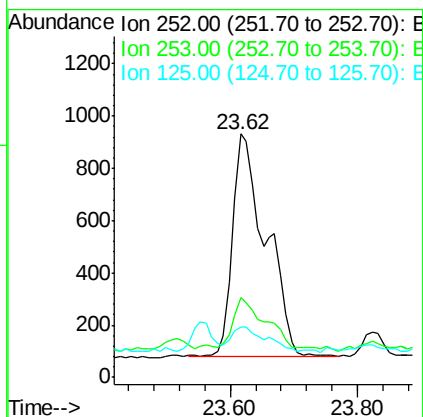
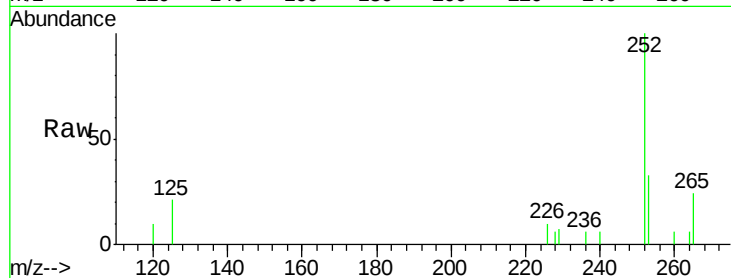




#22
Benzo(k)fluoranthene
Concen: 0.138 ng/ul
RT: 23.62 min Scan# 2913
Delta R.T. -0.05 min
Lab File: BE095396.D
Acq: 2 Feb 2018 14:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 3077
Ion Ratio Lower Upper
252 100
253 32.7 24.5 36.7
125 20.7 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 0.052 ng/ul
RT: 24.31 min Scan# 2990
Delta R.T. 0.00 min
Lab File: BE095396.D
Acq: 2 Feb 2018 14:37

Tgt Ion:252 Resp: 1138
Ion Ratio Lower Upper
252 100
253 38.5 28.5 42.7
125 30.8 18.1 27.1#

