

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095758.D
 Acq On : 14 Mar 2018 11:32
 Operator : SJ/JU
 Sample : PB107200BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 01:36:21 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 01:35:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1832	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5201	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3283	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.81	188	561922	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.79
20) Perylene-d12	24.26	264	475290	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.80	152	3237	0.37	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

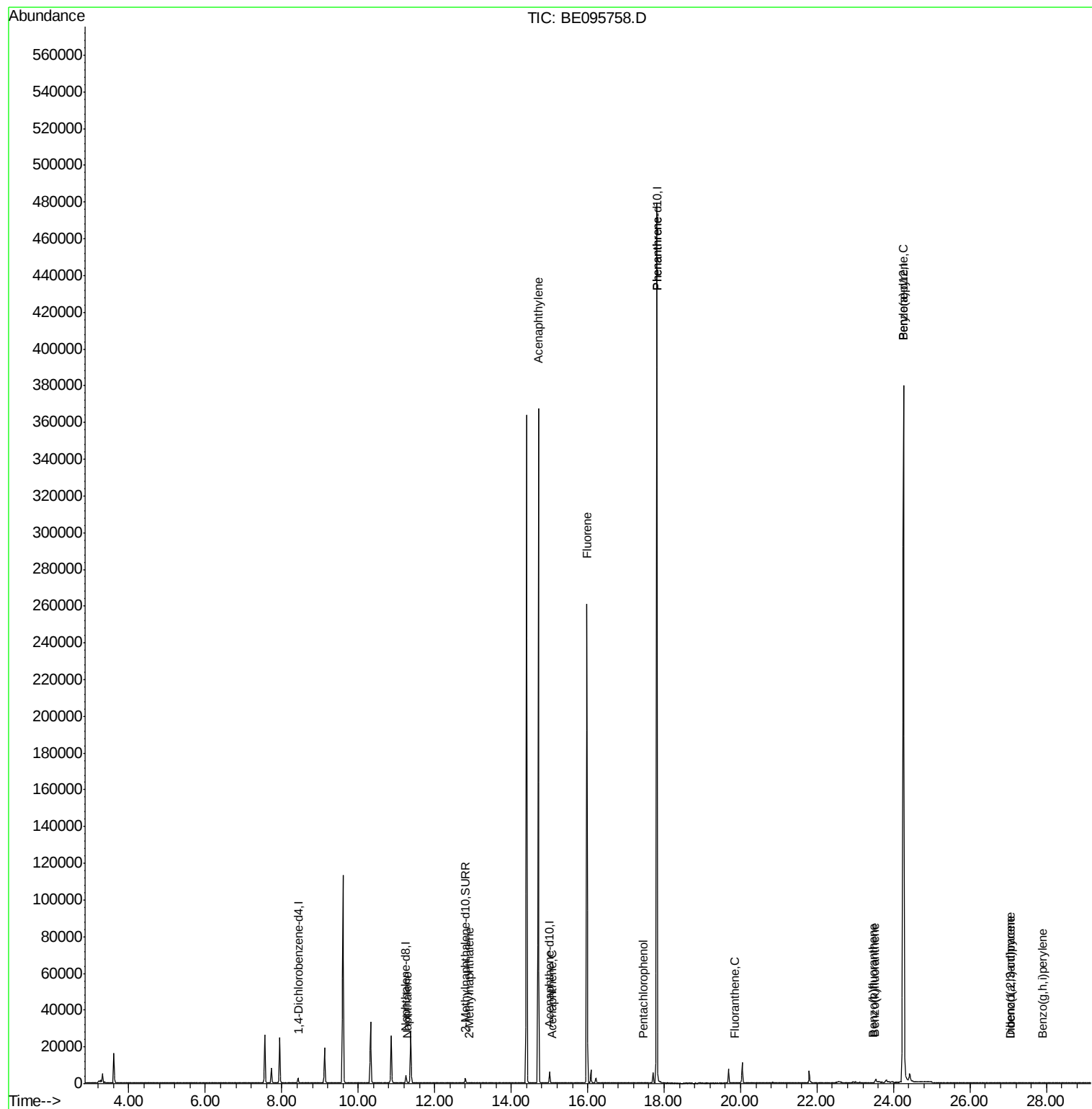
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.30	128	8	0.001	ng/ul#	1
5) 2-Methylnaphthalene	12.90	142	2	0.000	ng/ul#	4
7) Acenaphthylene	14.71	152	47	0.003	ng/ul#	1
8) Acenaphthene	15.07	153	14	0.001	ng/ul#	74
9) Fluorene	15.98	166	989	0.073	ng/ul#	22
11) Pentachlorophenol	17.46	266	4	0.000	ng/ul#	36
12) Phenanthrene	17.81	178	984	0.001	ng/ul#	1
15) Fluoranthene	19.83	202	1	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	23.45	252	8	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	23.51	252	8	0.000	ng/ul#	1
23) Benzo(a)pyrene	24.25	252	1618	0.001	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	27.06	276	2	0.000	ng/ul#	1
25) Dibenzo(a,h)anthracene	27.06	278	1	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	27.90	276	2	0.000	ng/ul#	1

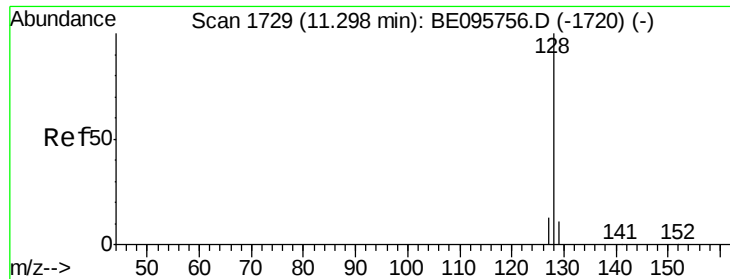
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.001 ng/ul

RT: 11.30 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BE095758.D

Acq: 14 Mar 2018 11:32

Instrument :

BNA_E

ClientSampleId :

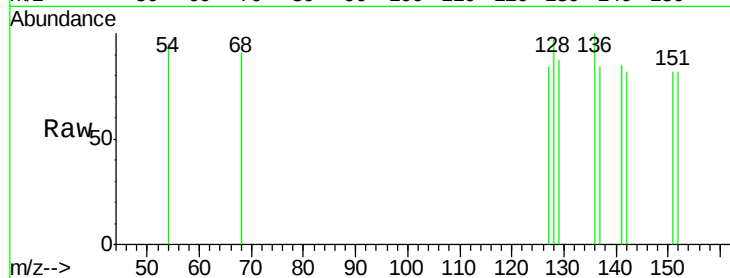
Tot Ion:128 Resp: 8

Ion Ratio Lower Upper

128 100

129 88.9 11.3 16.9#

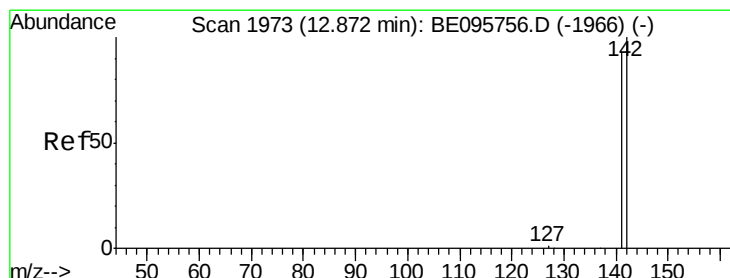
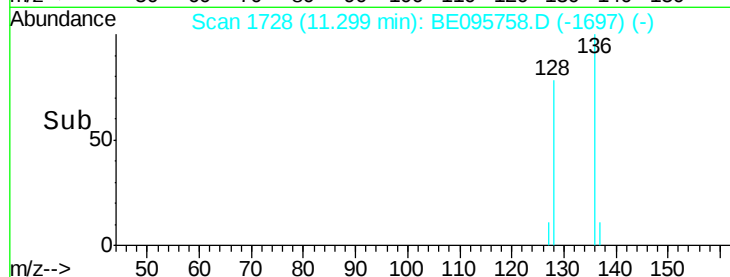
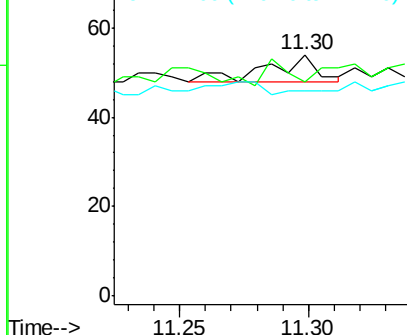
127 85.2 4.0 6.0#



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: 0.000 ng/ul

RT: 12.90 min Scan# 1976

Delta R.T. 0.03 min

Lab File: BE095758.D

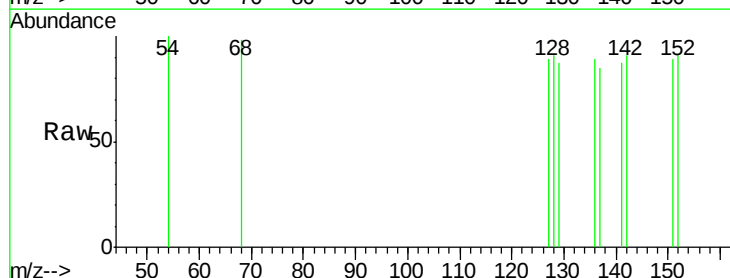
Acq: 14 Mar 2018 11:32

Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

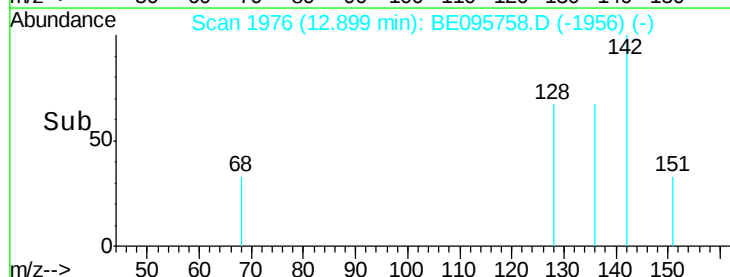
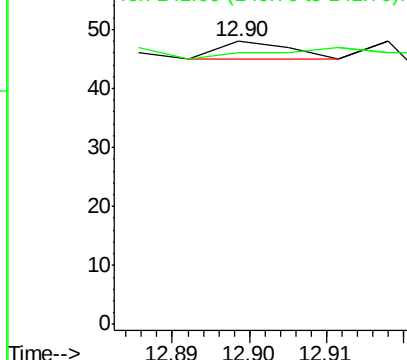
142 100

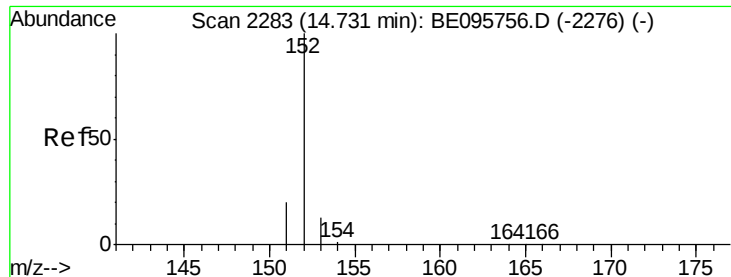
141 0.0 72.6 108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.003 ng/ul

RT: 14.71 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BE095758.D

Acq: 14 Mar 2018 11:32

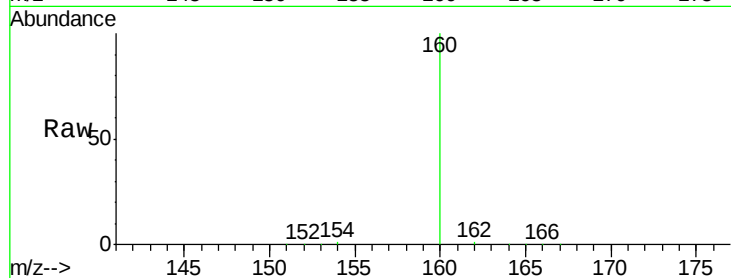
Instrument :

BNA_E

ClientSampled :

Tot Ion:152 Resp: 47

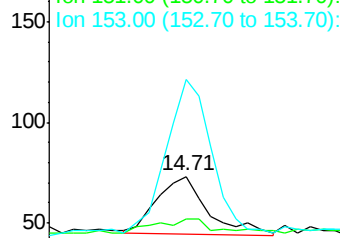
Ion	Ratio	Lower	Upper
152	100		
151	71.2	17.1	25.7#
153	165.8	12.8	19.2#



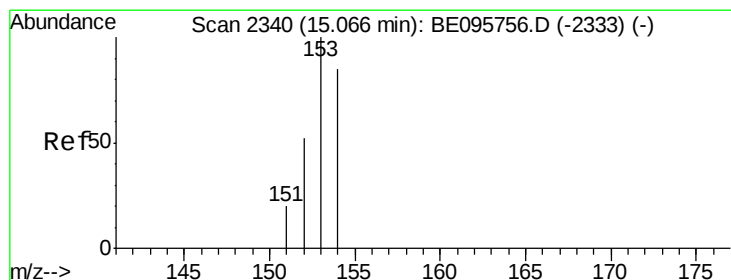
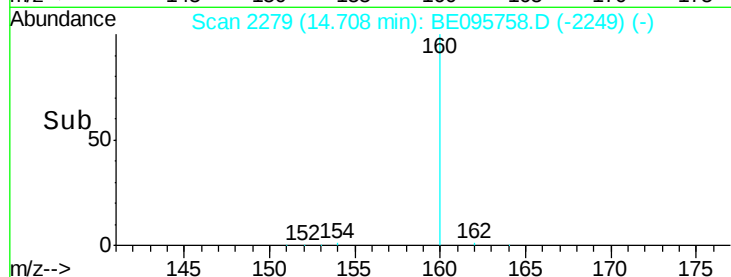
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 14.65 14.70 14.75



#8

Acenaphthene

Concen: 0.001 ng/ul

RT: 15.07 min Scan# 2340

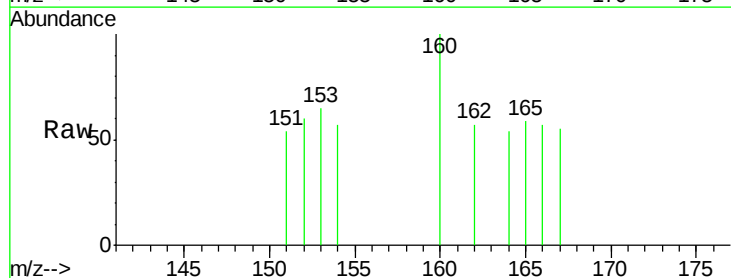
Delta R.T. 0.00 min

Lab File: BE095758.D

Acq: 14 Mar 2018 11:32

Tgt Ion:153 Resp: 14

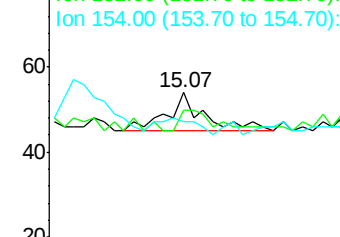
Ion	Ratio	Lower	Upper
153	100		
152	92.6	36.0	54.0#
154	87.0	72.0	108.0



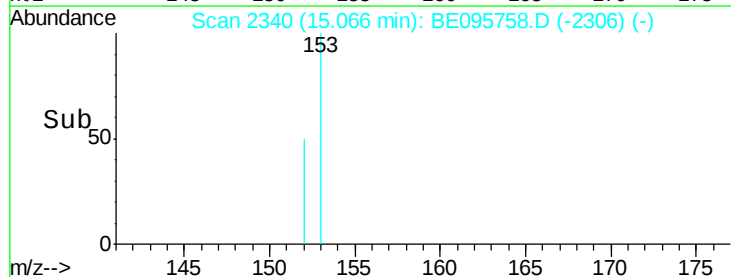
Abundance Ion 153.00 (152.70 to 153.70): E

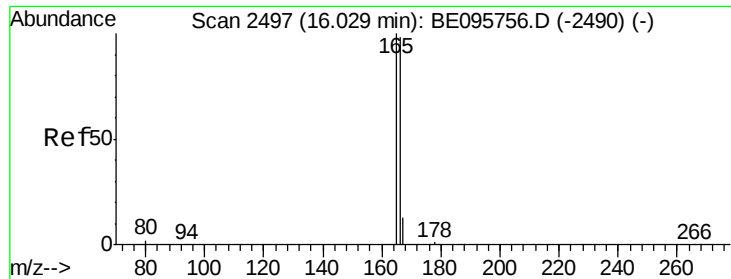
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time--> 15.00 15.05 15.10

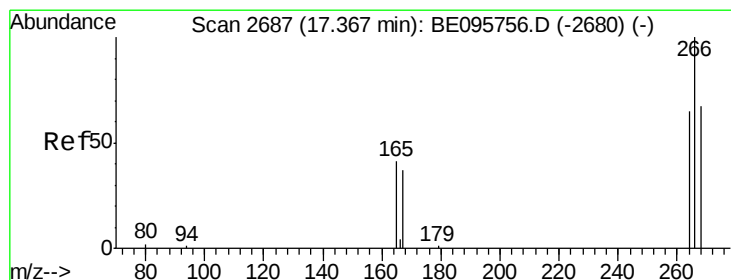
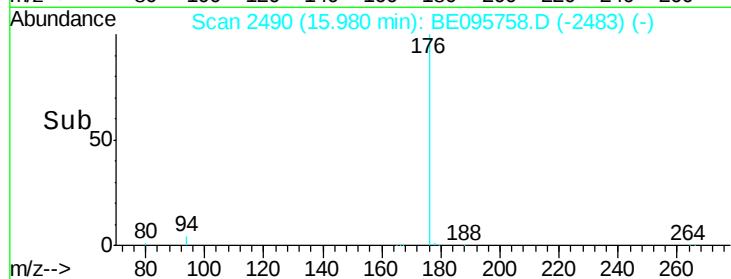
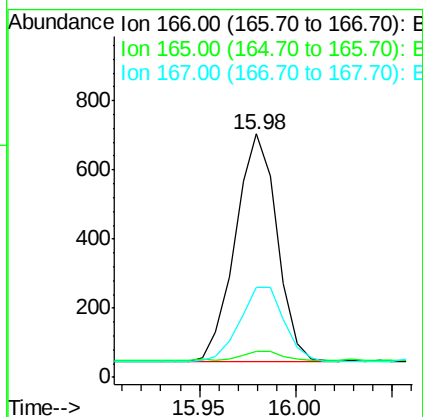
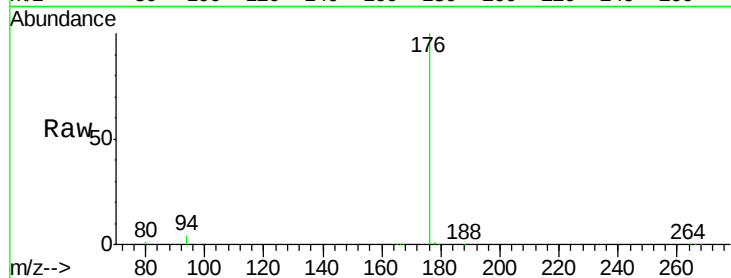




#9
Fluorene
 Concen: 0.073 ng/ul
 RT: 15.98 min Scan# 2490
 Delta R.T. -0.05 min
 Lab File: BE095758.D
 Acq: 14 Mar 2018 11:32

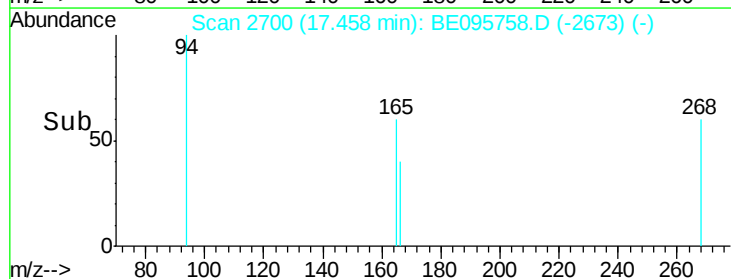
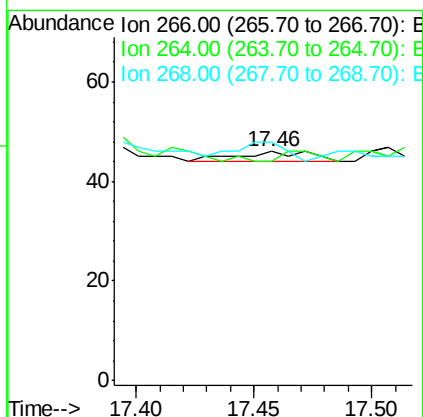
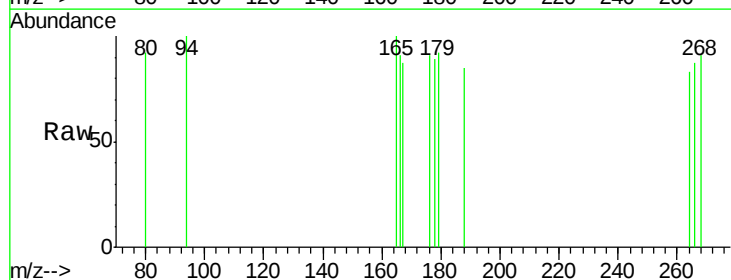
Instrument :
 BNA_E
 ClientSampleId :

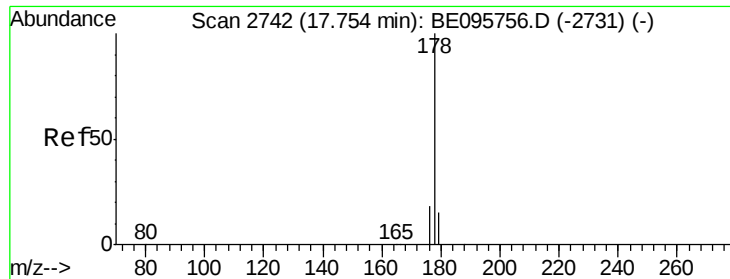
Tot Ion	Ratio	Lower	Upper
166	100		
165	10.5	73.4	110.2#
167	37.1	14.6	22.0#



#11
Pentachlorophenol
 Concen: 0.000 ng/ul
 RT: 17.46 min Scan# 2700
 Delta R.T. 0.09 min
 Lab File: BE095758.D
 Acq: 14 Mar 2018 11:32

Tgt Ion	Ratio	Lower	Upper
266	100		
264	50.0	47.9	71.9
268	150.0	49.8	74.8#





#12

Phenanthrene

Concen: 0.001 ng/ul

RT: 17.81 min Scan# 2750

Delta R.T. 0.06 min

Lab File: BE095758.D

Acq: 14 Mar 2018 11:32

Instrument :

BNA_E

ClientSampleId :

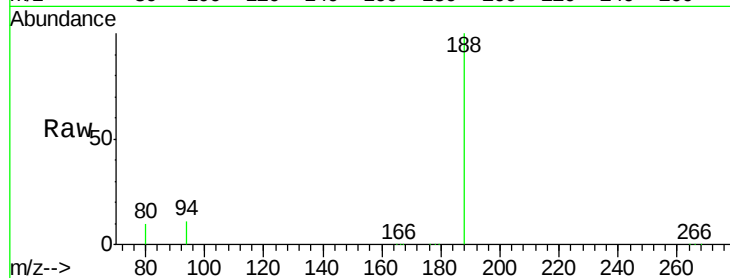
Tot Ion:178 Resp: 984

Ion Ratio Lower Upper

178 100

179 235.4 18.4 27.6#

176 24.5 13.6 20.4#



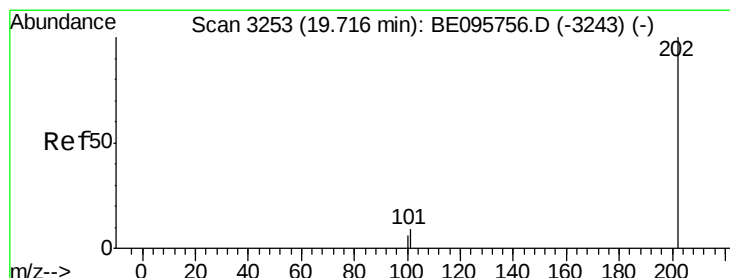
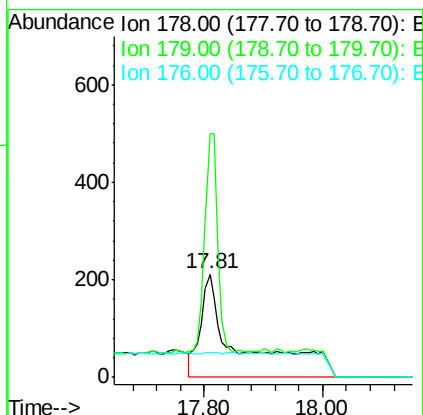
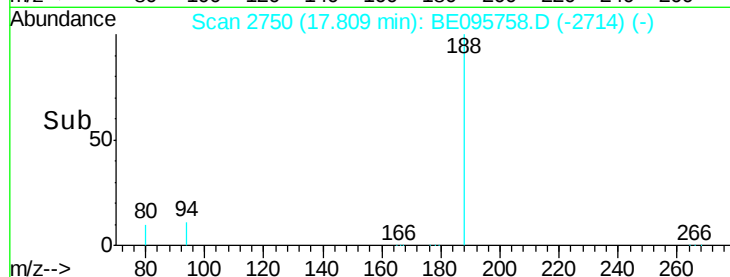
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.81

Time-->



#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.83 min Scan# 3285

Delta R.T. 0.11 min

Lab File: BE095758.D

Acq: 14 Mar 2018 11:32

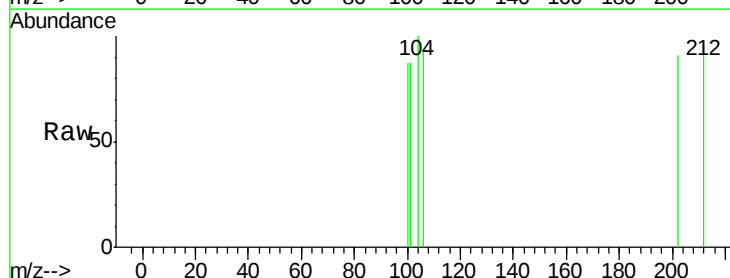
Tgt Ion:202 Resp: 1

Ion Ratio Lower Upper

202 100

101 95.8 0.0 30.3#

100 95.8 0.0 39.5#



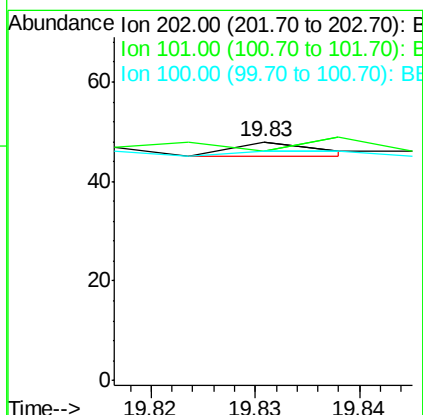
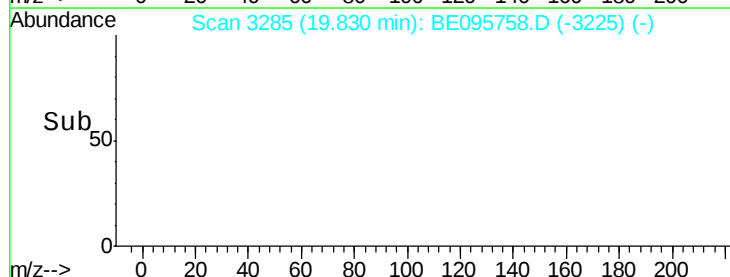
Abundance Ion 202.00 (201.70 to 202.70): E

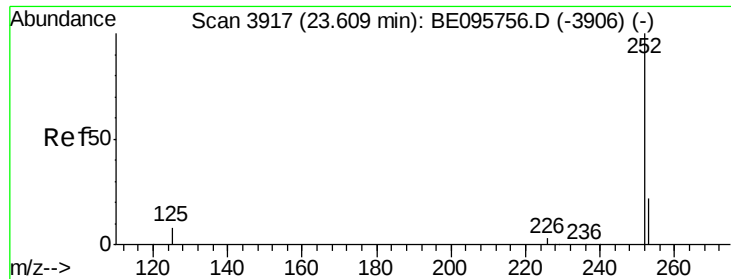
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

19.83

Time-->





#21

Benzo(b)fluoranthene

Concen: 0.000 ng/u1

RT: 23.45 min Scan# 3895

Delta R.T. -0.16 min

Lab File: BE095758.D

Acq: 14 Mar 2018 11:32

Instrument :

BNA_E

ClientSampleId :

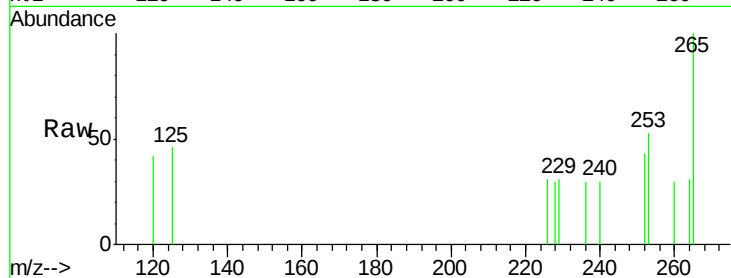
Tot Ion:252 Resp: 8

Ion Ratio Lower Upper

252 100

253 123.5 0.0 64.2#

125 107.4 0.0 35.0#

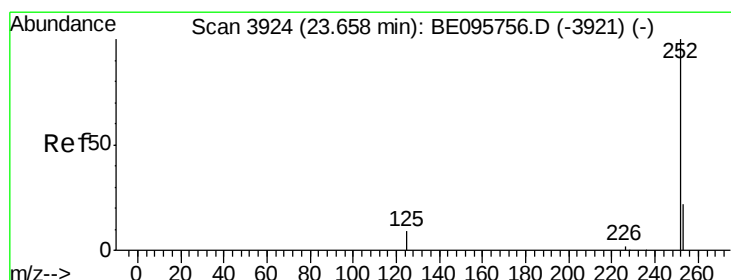
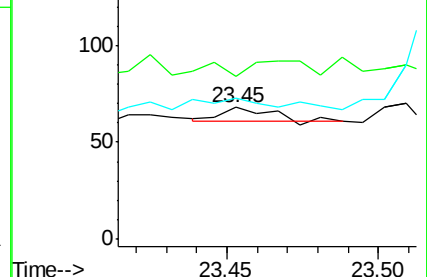
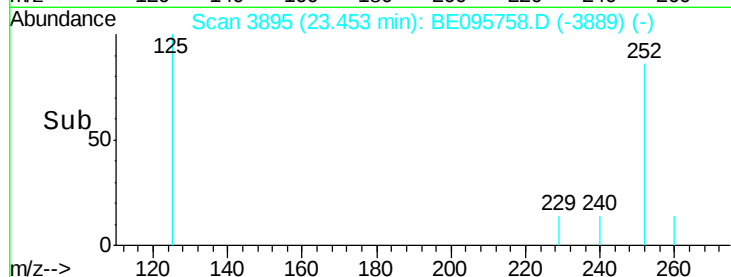


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#22

Benzo(k)fluoranthene

Concen: 0.000 ng/u1

RT: 23.51 min Scan# 3903

Delta R.T. -0.15 min

Lab File: BE095758.D

Acq: 14 Mar 2018 11:32

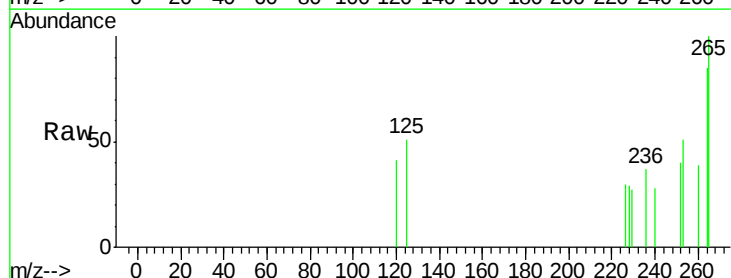
Tgt Ion:252 Resp: 8

Ion Ratio Lower Upper

252 100

253 128.6 24.5 36.7#

125 128.6 13.7 20.5#

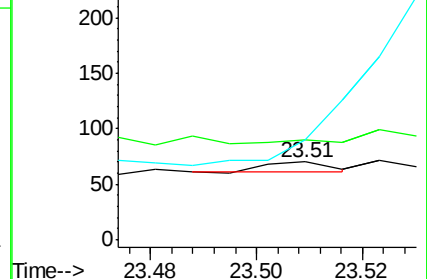
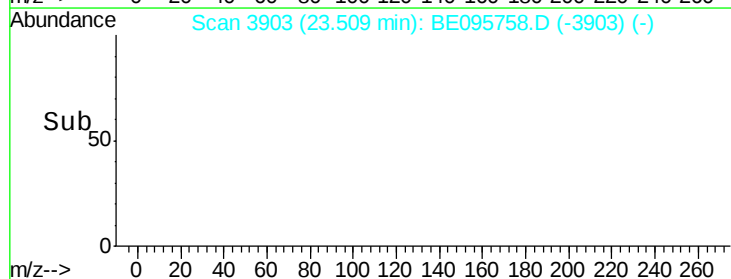


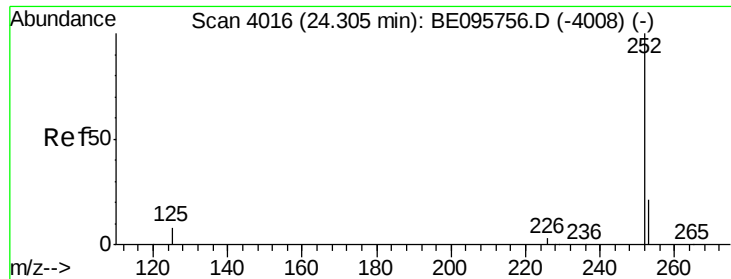
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->





#23

Benzo(a)pyrene

Concen: 0.001 ng/u1

RT: 24.25 min Scan# 4009

Delta R.T. -0.05 min

Lab File: BE095758.D

Acq: 14 Mar 2018 11:32

Instrument :

BNA_E

ClientSampleId :

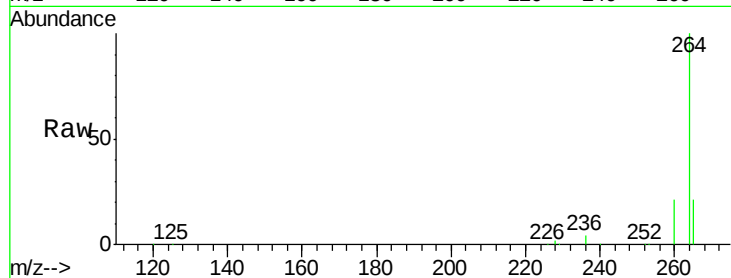
Tot Ion:252 Resp: 1618

Ion Ratio Lower Upper

252 100

253 38.0 28.5 42.7

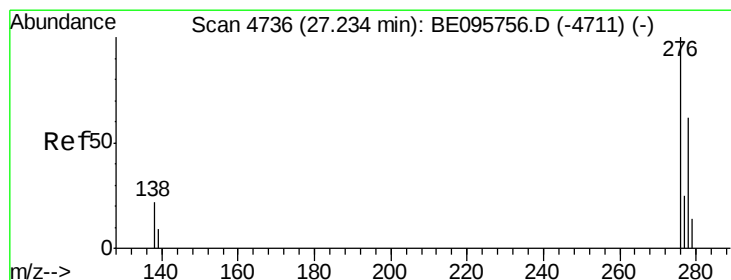
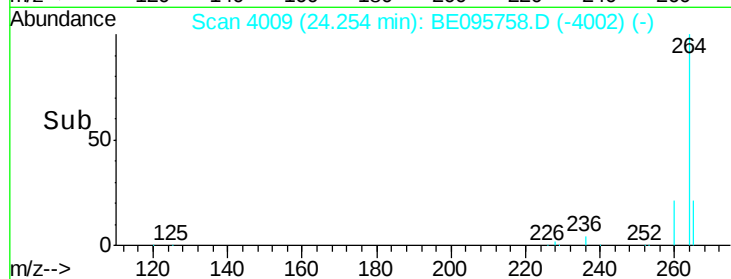
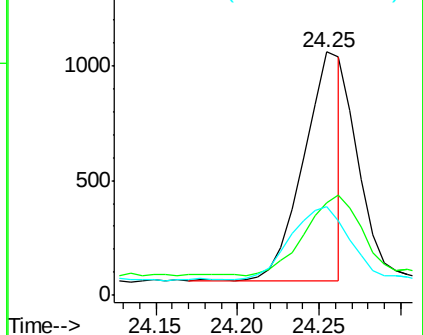
125 36.3 18.1 27.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng/u1

RT: 27.06 min Scan# 4688

Delta R.T. -0.17 min

Lab File: BE095758.D

Acq: 14 Mar 2018 11:32

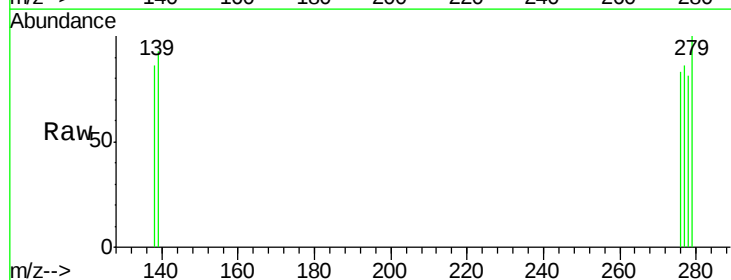
Tgt Ion:276 Resp: 2

Ion Ratio Lower Upper

276 100

138 200.0 28.0 42.0#

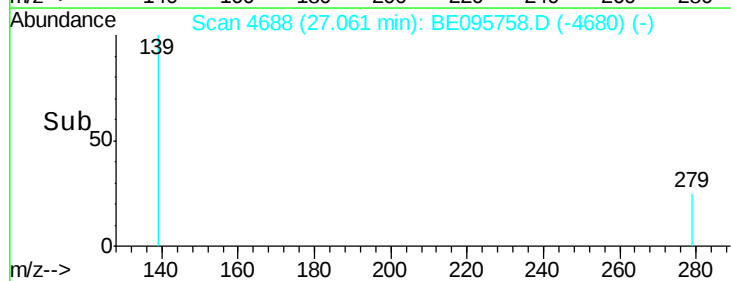
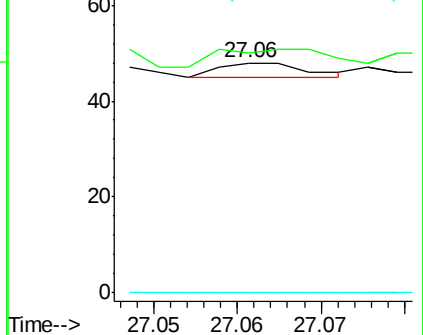
227 0.0 8.0 12.0#

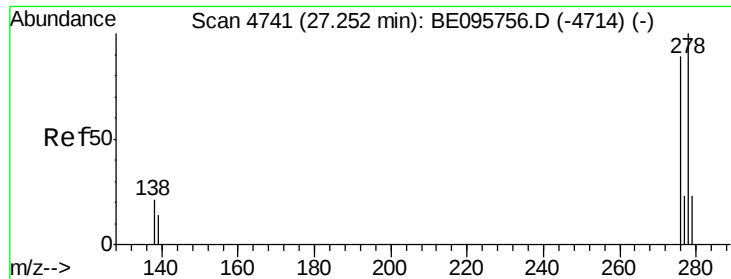


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.000 ng/ul

RT: 27.06 min Scan# 4689

Delta R.T. -0.19 min

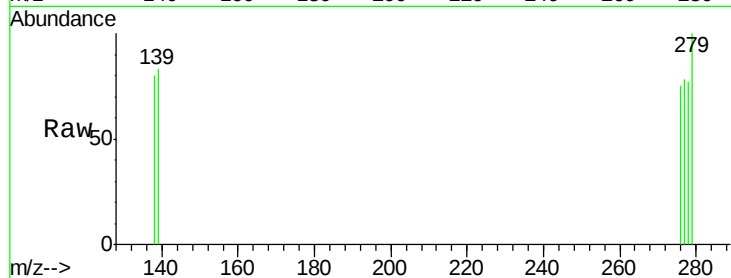
Lab File: BE095758.D

Acq: 14 Mar 2018 11:32

Instrument :

BNA_E

ClientSampleId :



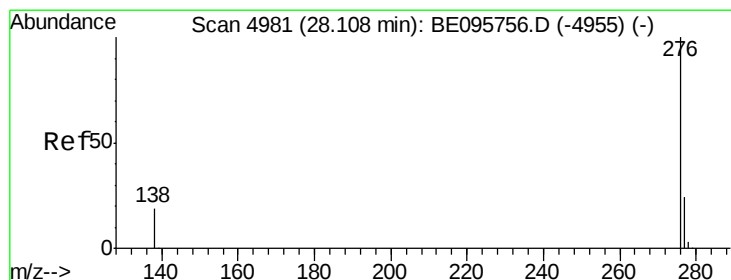
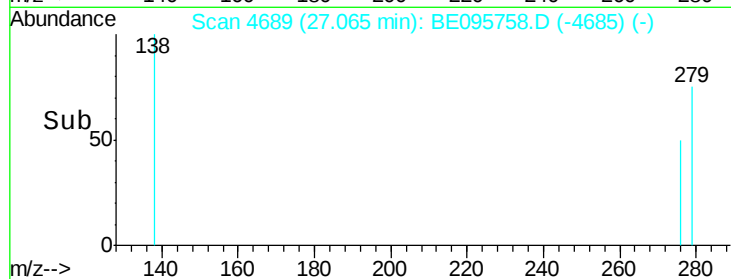
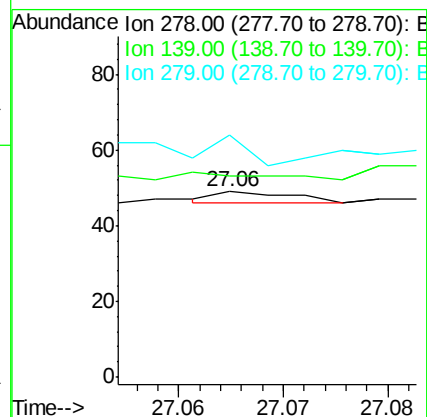
Tot Ion:278 Resp: 1

Ion Ratio Lower Upper

278 100

139 108.2 17.4 26.0#

279 130.6 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.000 ng/ul

RT: 27.90 min Scan# 4924

Delta R.T. -0.20 min

Lab File: BE095758.D

Acq: 14 Mar 2018 11:32

Tgt Ion:276 Resp: 2

Ion Ratio Lower Upper

276 100

138 108.5 21.8 32.8#

277 104.3 20.5 30.7#

