

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095760.D
 Acq On : 14 Mar 2018 12:44
 Operator : SJ/JU
 Sample : PB107162BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 01:36:43 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	1824	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5344	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3416	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.81	188	600798	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	509923	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.80	152	3162	0.35	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

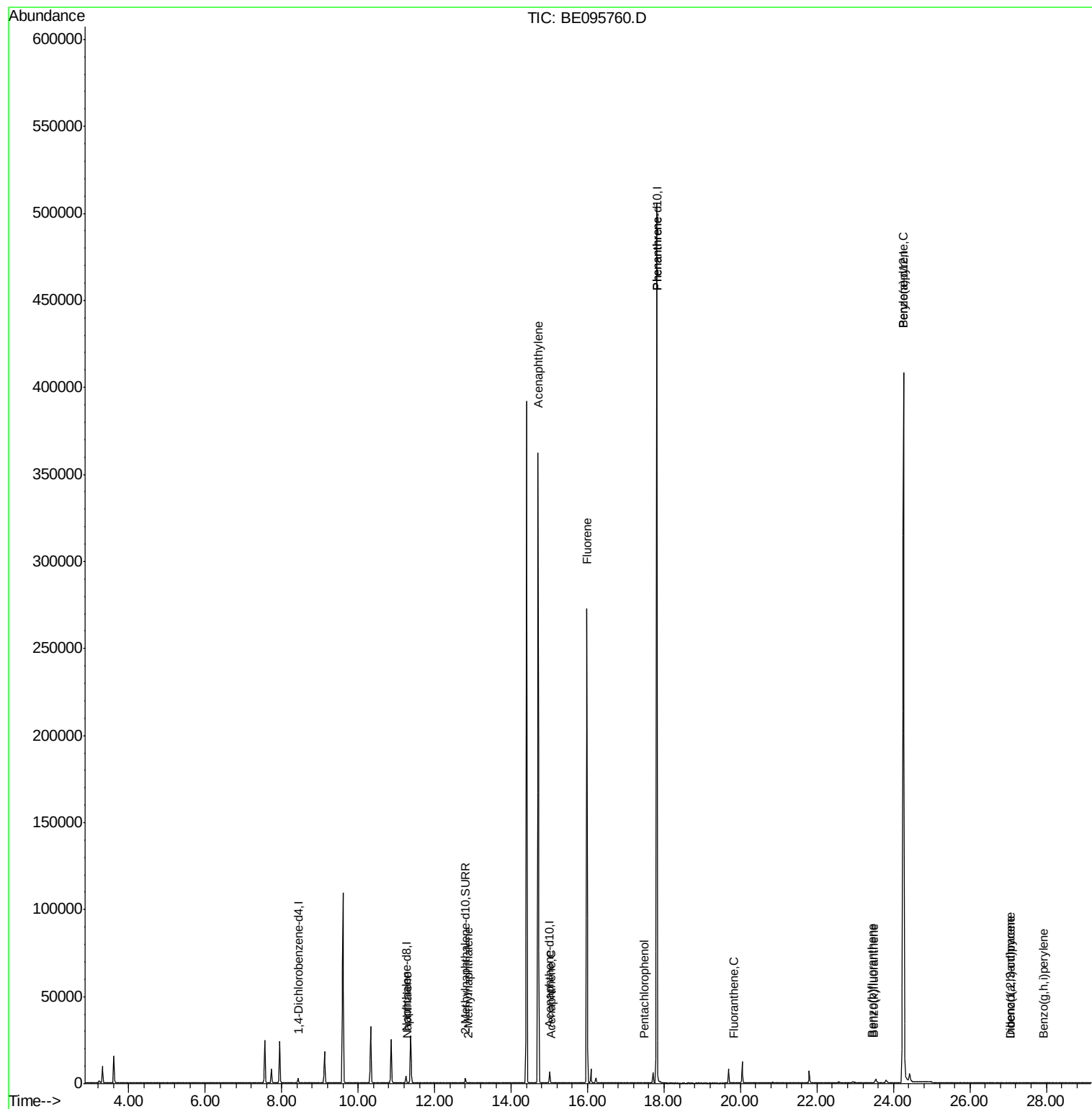
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.29	128	16	0.001	ng/ul#	1
5) 2-Methylnaphthalene	12.88	142	8	0.001	ng/ul#	77
7) Acenaphthylene	14.71	152	60	0.003	ng/ul#	1
8) Acenaphthene	15.06	153	10	0.001	ng/ul#	70
9) Fluorene	15.98	166	1006	0.071	ng/ul#	22
11) Pentachlorophenol	17.48	266	2	0.000	ng/ul#	1
12) Phenanthrene	17.81	178	990	0.001	ng/ul#	1
15) Fluoranthene	19.83	202	2	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	23.44	252	4	0.000	ng/ul#	1
22) Benzo(k)fluoranthene	23.48	252	5	0.000	ng/ul#	1
23) Benzo(a)pyrene	24.26	252	1722	0.001	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	27.05	276	1	0.000	ng/ul#	1
25) Dibenzo(a,h)anthracene	27.05	278	6	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	27.93	276	1	0.000	ng/ul#	1

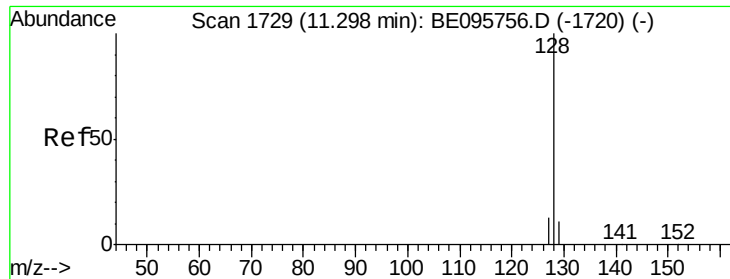
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.001 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BE095760.D

Acq: 14 Mar 2018 12:44

Instrument :

BNA_E

ClientSampleId :

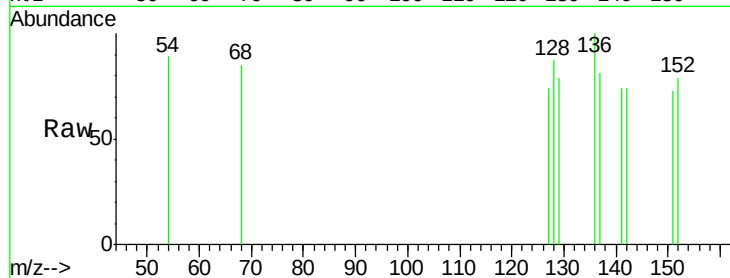
Tot Ion:128 Resp: 16

Ion Ratio Lower Upper

128 100

129 90.7 11.3 16.9#

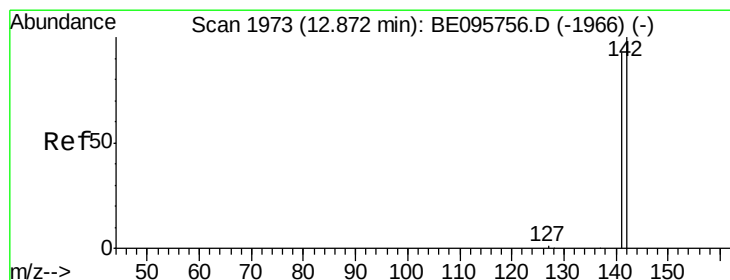
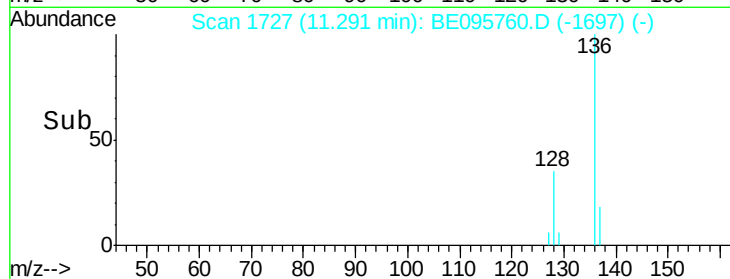
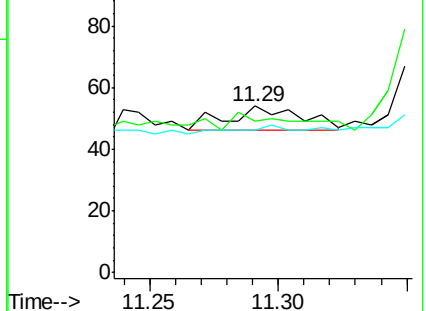
127 85.2 4.0 6.0#



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: 0.001 ng/ul

RT: 12.88 min Scan# 1973

Delta R.T. 0.01 min

Lab File: BE095760.D

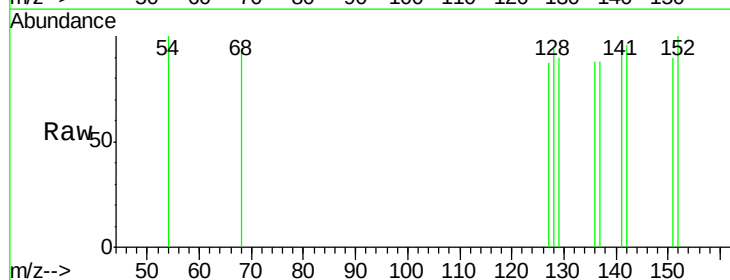
Acq: 14 Mar 2018 12:44

Tgt Ion:142 Resp: 8

Ion Ratio Lower Upper

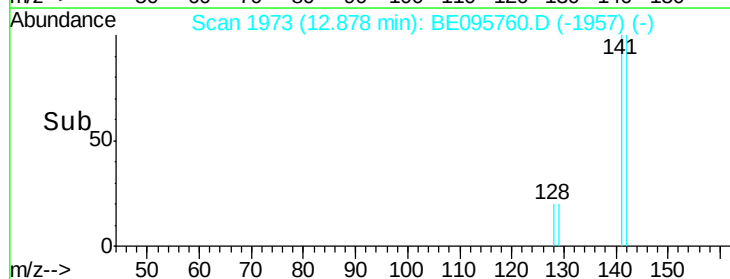
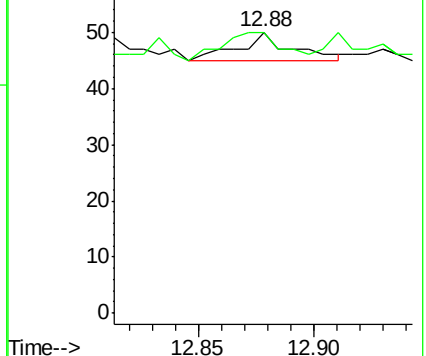
142 100

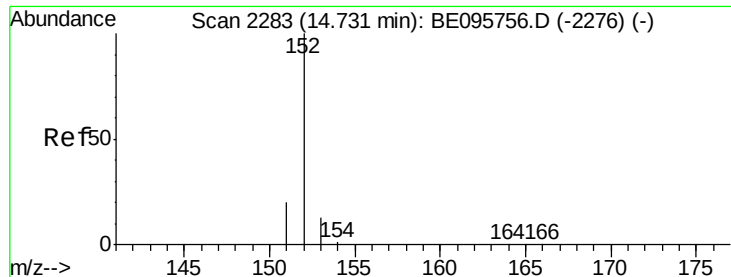
141 112.5 72.6 108.8#



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: BE095760.D

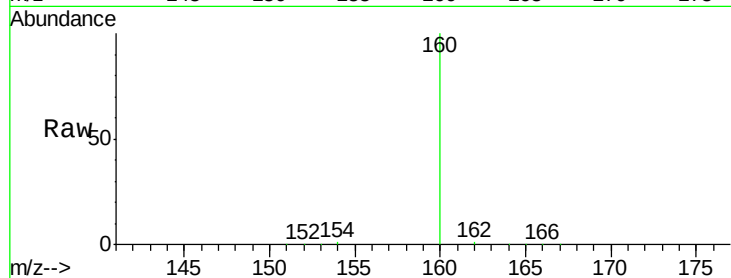
Acq: 14 Mar 2018 12:44

Instrument :

BNA_E

ClientSampled :

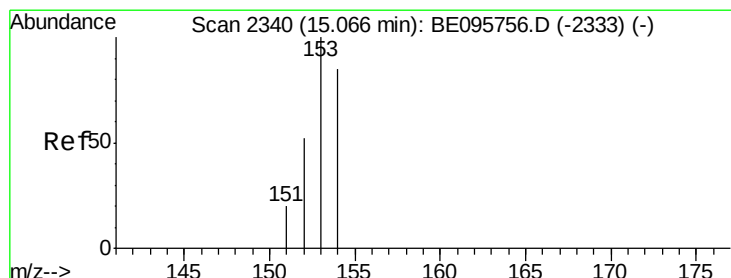
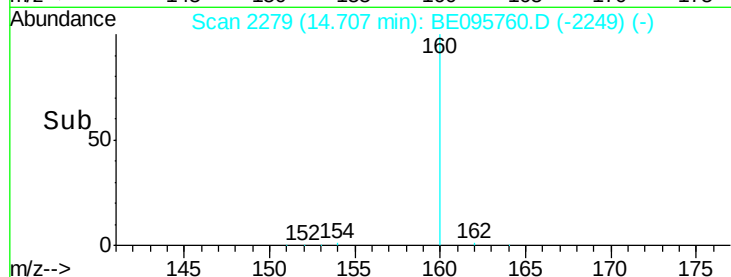
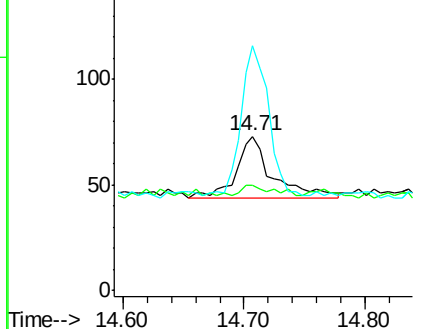
Tot Ion:	152	Resp:	60
Ion	Ratio	Lower	Upper
152	100		
151	68.5	17.1	25.7#
153	158.9	12.8	19.2#



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



#8

Acenaphthene

Concen: 0.001 ng/ul

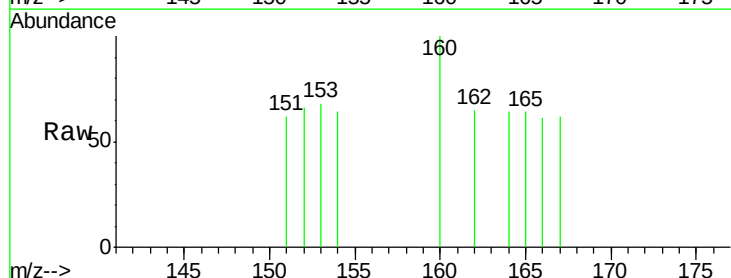
RT: 15.06 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BE095760.D

Acq: 14 Mar 2018 12:44

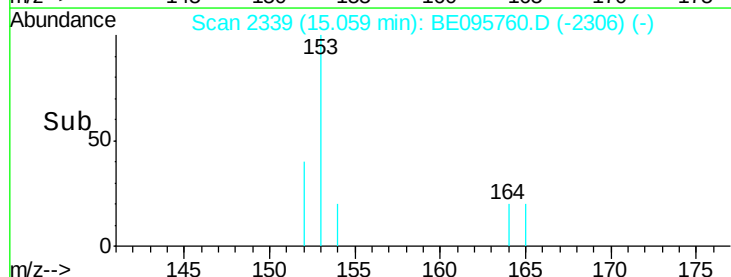
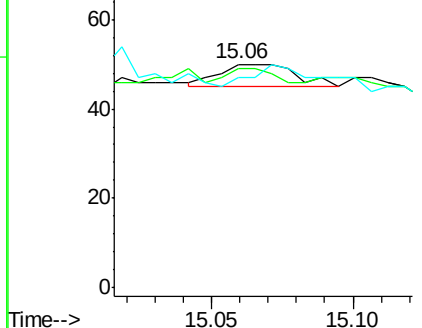
Tgt Ion:	153	Resp:	10
Ion	Ratio	Lower	Upper
153	100		
152	98.0	36.0	54.0#
154	94.0	72.0	108.0

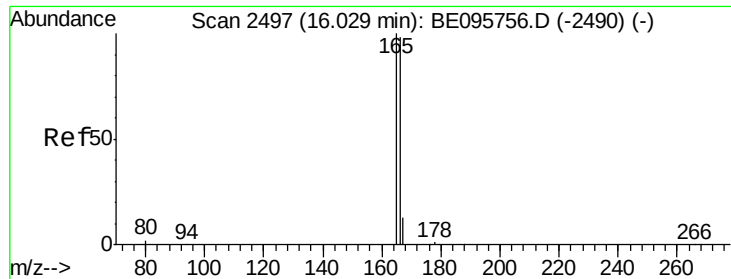


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.071 ng/ul

RT: 15.98 min Scan# 2490

Delta R.T. -0.05 min

Lab File: BE095760.D

Acq: 14 Mar 2018 12:44

Instrument :

BNA_E

ClientSampleId :

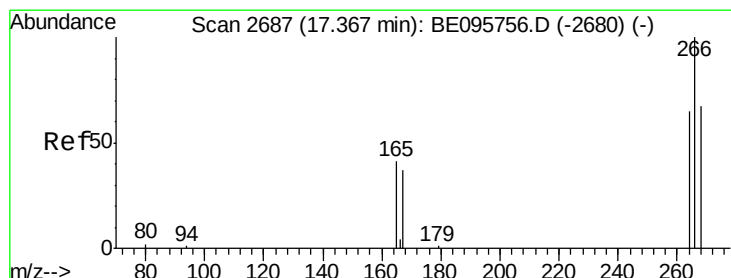
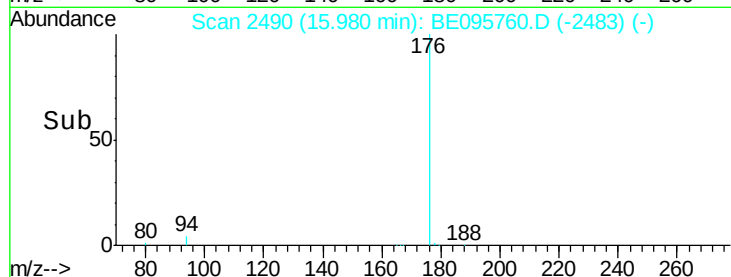
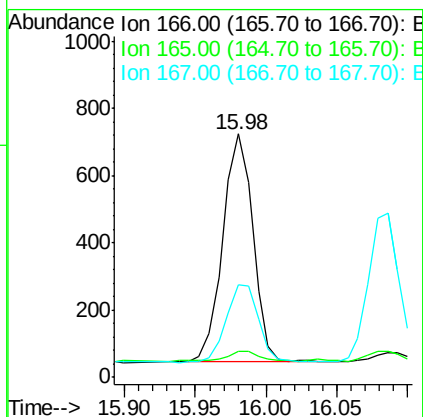
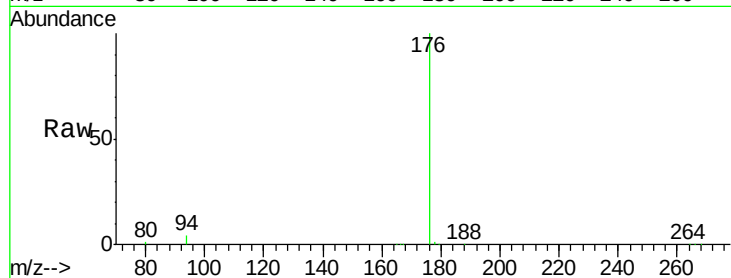
Tot Ion:166 Resp: 1006

Ion Ratio Lower Upper

166 100

165 10.9 73.4 110.2#

167 37.8 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 17.48 min Scan# 2703

Delta R.T. 0.11 min

Lab File: BE095760.D

Acq: 14 Mar 2018 12:44

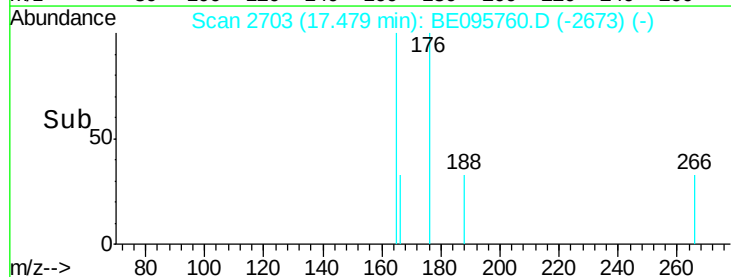
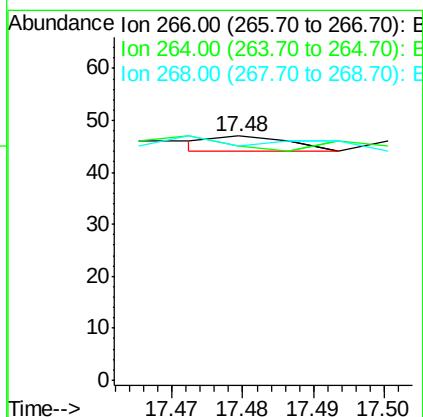
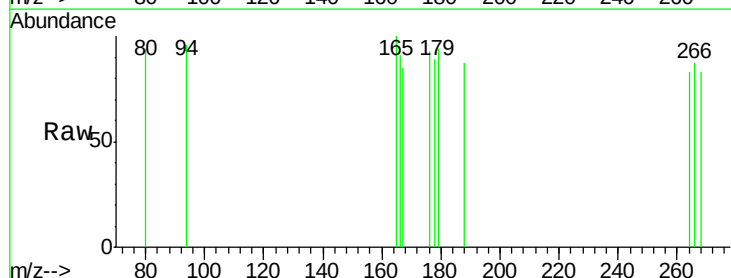
Tgt Ion:266 Resp: 2

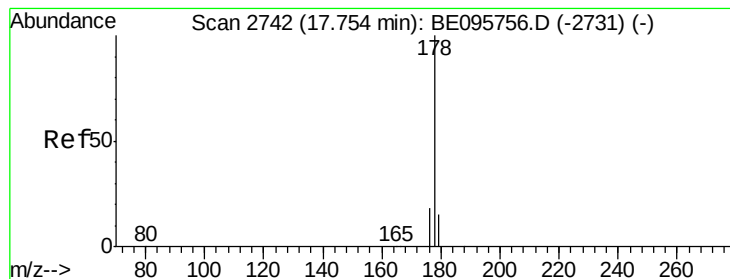
Ion Ratio Lower Upper

266 100

264 200.0 47.9 71.9#

268 250.0 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: BE095760.D

Acq: 14 Mar 2018 12:44

Instrument :

BNA_E

ClientSampleId :

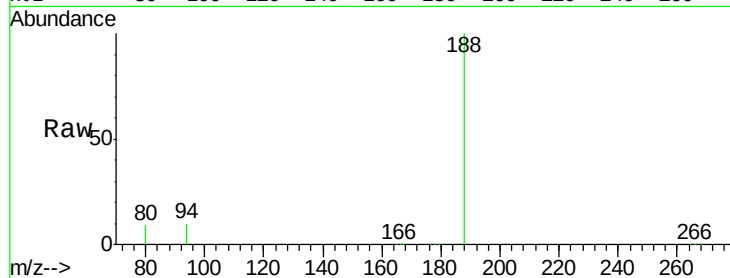
Tot Ion:178 Resp: 990

Ion Ratio Lower Upper

178 100

179 236.2 18.4 27.6#

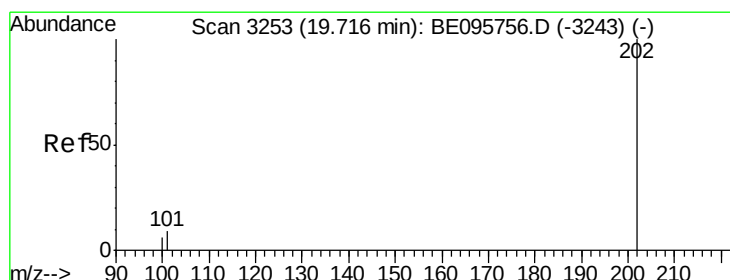
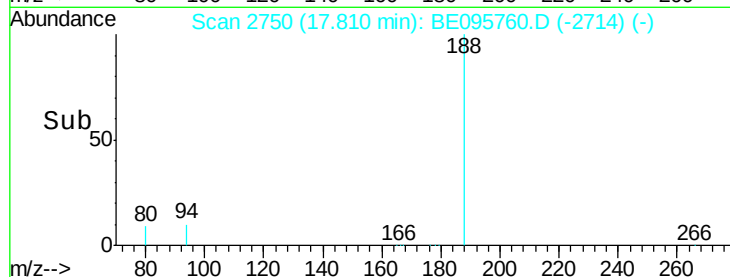
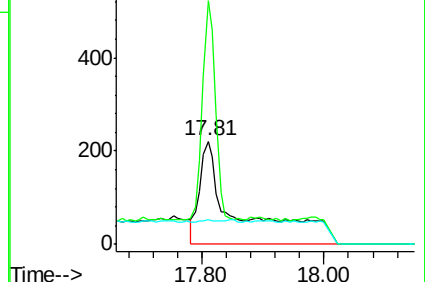
176 24.0 13.6 20.4#



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



#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.83 min Scan# 3285

Delta R.T. 0.12 min

Lab File: BE095760.D

Acq: 14 Mar 2018 12:44

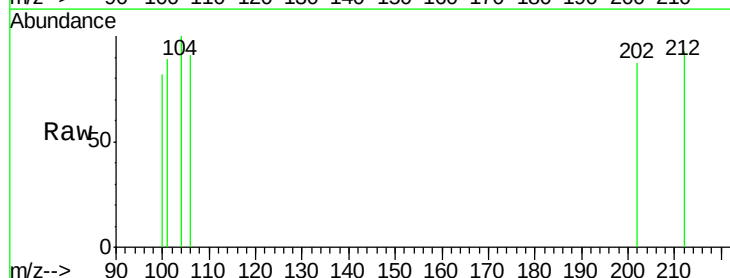
Tgt Ion:202 Resp: 2

Ion Ratio Lower Upper

202 100

101 102.1 0.0 30.3#

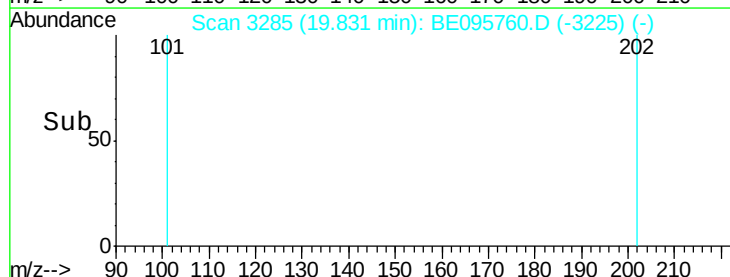
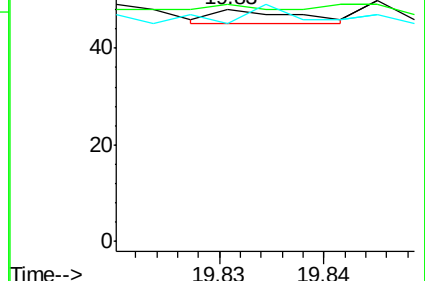
100 93.8 0.0 39.5#

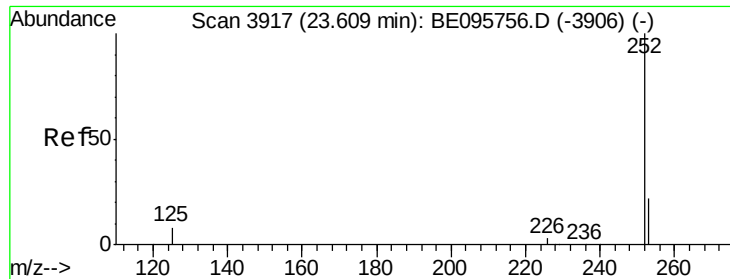


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#21

Benzo(b)fluoranthene

Concen: 0.000 ng/ul

RT: 23.44 min Scan# 3893

Delta R.T. -0.17 min

Lab File: BE095760.D

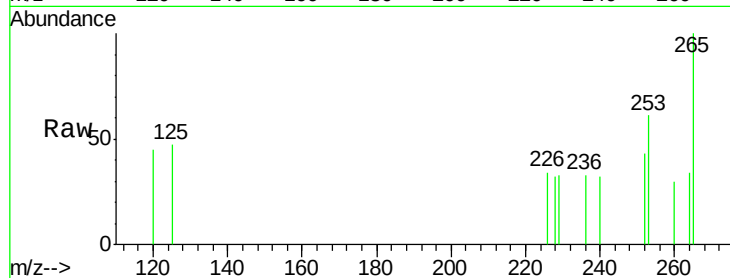
Acq: 14 Mar 2018 12:44

Instrument :

BNA_E

ClientSampleId :

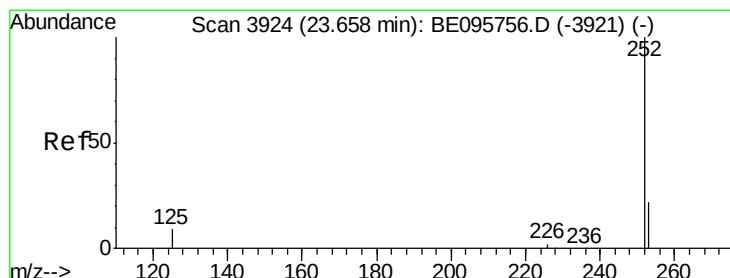
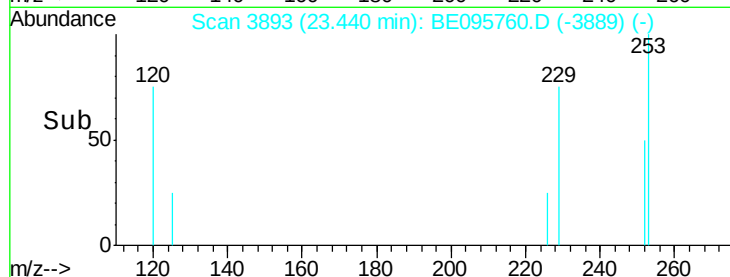
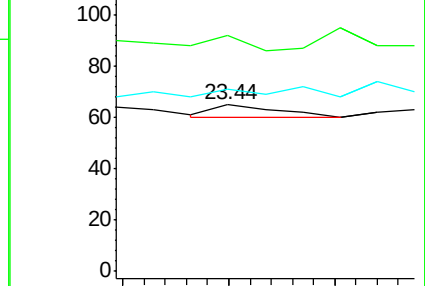
Tot	Ion:252	Resp:	4
Ion	Ratio	Lower	Upper
252	100		
253	141.5	0.0	64.2#
125	109.2	0.0	35.0#



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: 0.000 ng/ul

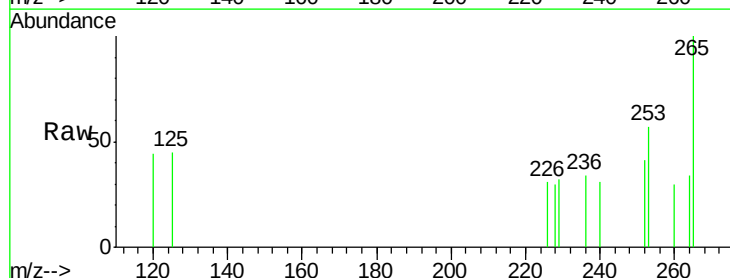
RT: 23.48 min Scan# 3898

Delta R.T. -0.18 min

Lab File: BE095760.D

Acq: 14 Mar 2018 12:44

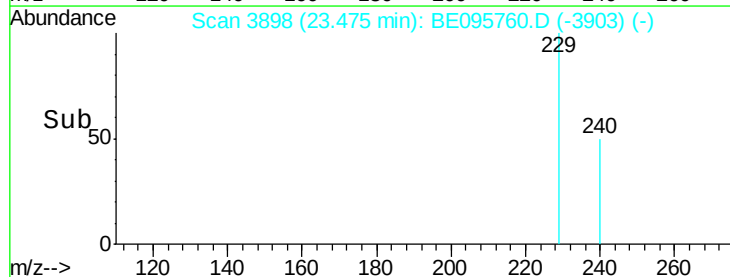
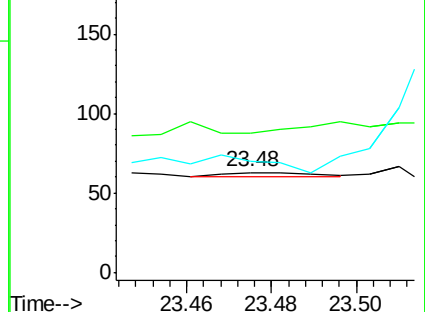
Tgt	Ion:252	Resp:	5
Ion	Ratio	Lower	Upper
252	100		
253	139.7	24.5	36.7#
125	111.1	13.7	20.5#

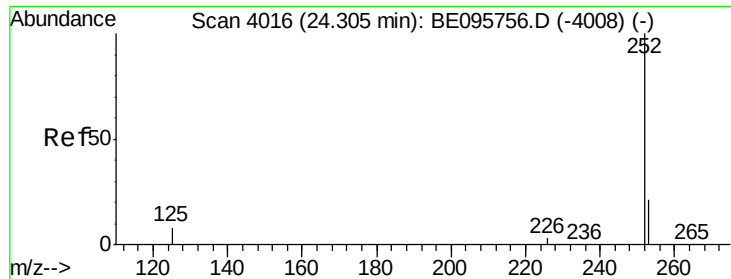


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.001 ng/ul

RT: 24.26 min Scan# 4009

Delta R.T. -0.05 min

Lab File: BE095760.D

Acq: 14 Mar 2018 12:44

Instrument :

BNA_E

ClientSampled :

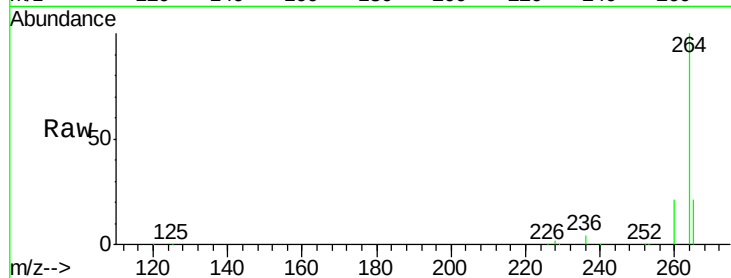
Tot Ion:252 Resp: 1722

Ion Ratio Lower Upper

252 100

253 39.6 28.5 42.7

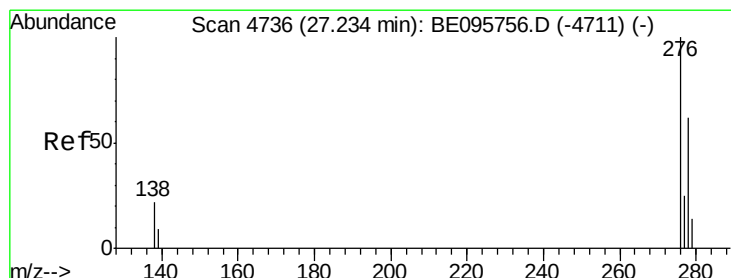
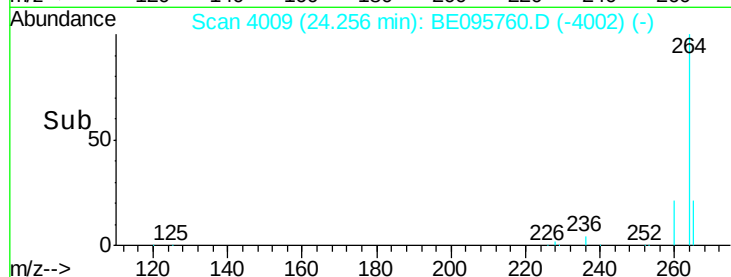
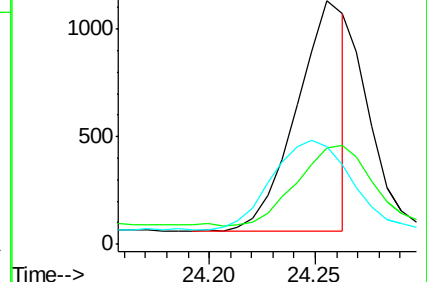
125 39.9 18.1 27.1#



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/ul

RT: 27.05 min Scan# 4684

Delta R.T. -0.19 min

Lab File: BE095760.D

Acq: 14 Mar 2018 12:44

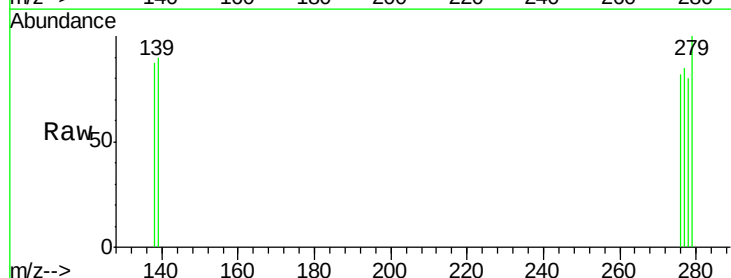
Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

138 400.0 28.0 42.0#

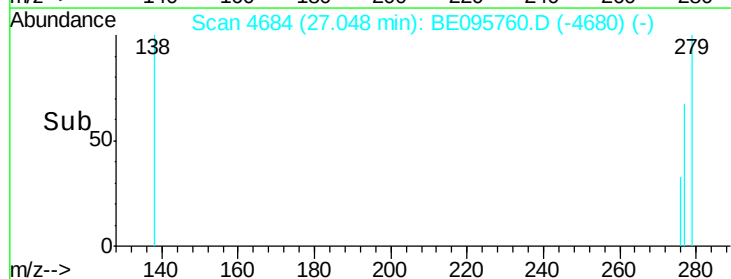
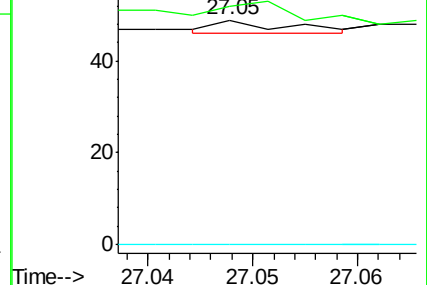
227 0.0 8.0 12.0#

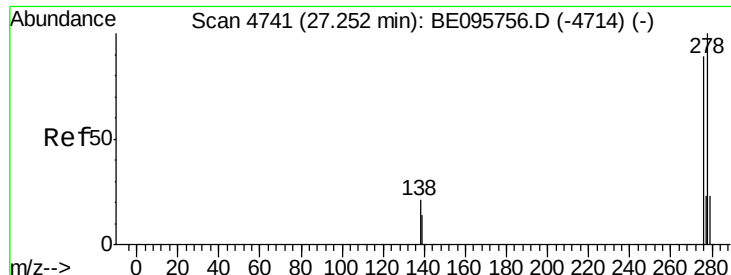


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

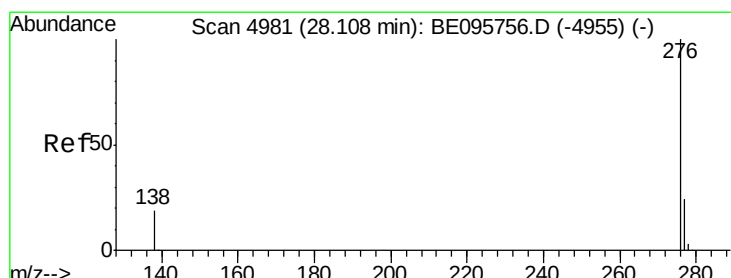
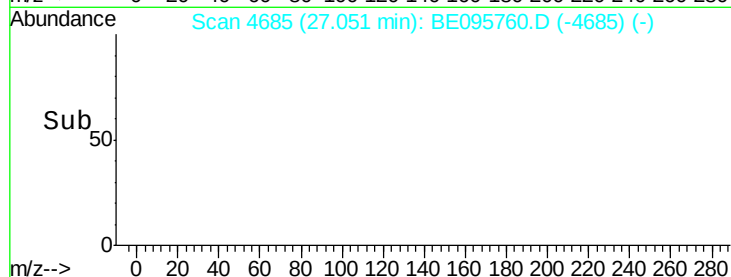
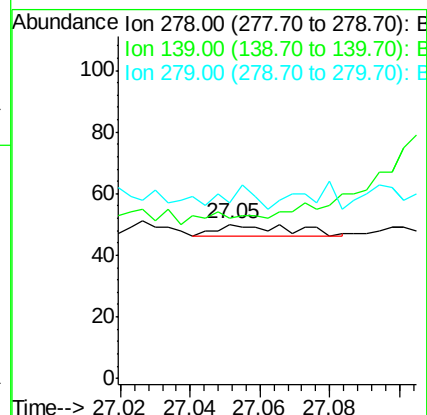
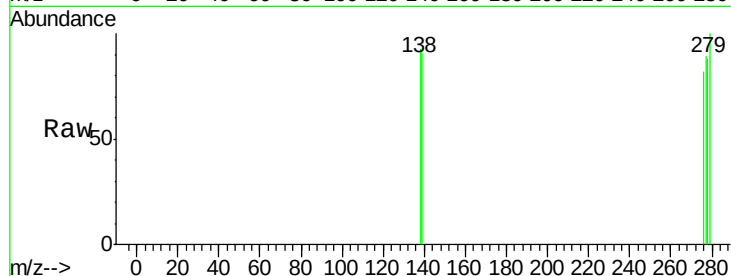




#25
Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 27.05 min Scan# 4685
Delta R.T. -0.20 min
Lab File: BE095760.D
Acq: 14 Mar 2018 12:44

Instrument :
BNA_E
ClientSampled :

Tot Ion:278 Resp: 6
Ion Ratio Lower Upper
278 100
139 104.0 17.4 26.0#
279 114.0 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.000 ng/ul
RT: 27.93 min Scan# 4930
Delta R.T. -0.18 min
Lab File: BE095760.D
Acq: 14 Mar 2018 12:44

Tgt Ion:276 Resp: 1
Ion Ratio Lower Upper
276 100
138 112.8 21.8 32.8#
277 97.9 20.5 30.7#

