

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
 Data File : BE097135.D
 Acq On : 1 Aug 2018 18:46
 Operator : SJ/JU
 Sample : J4149-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 02 01:03:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 01 16:16:30 2018
 Response via : Initial Calibration

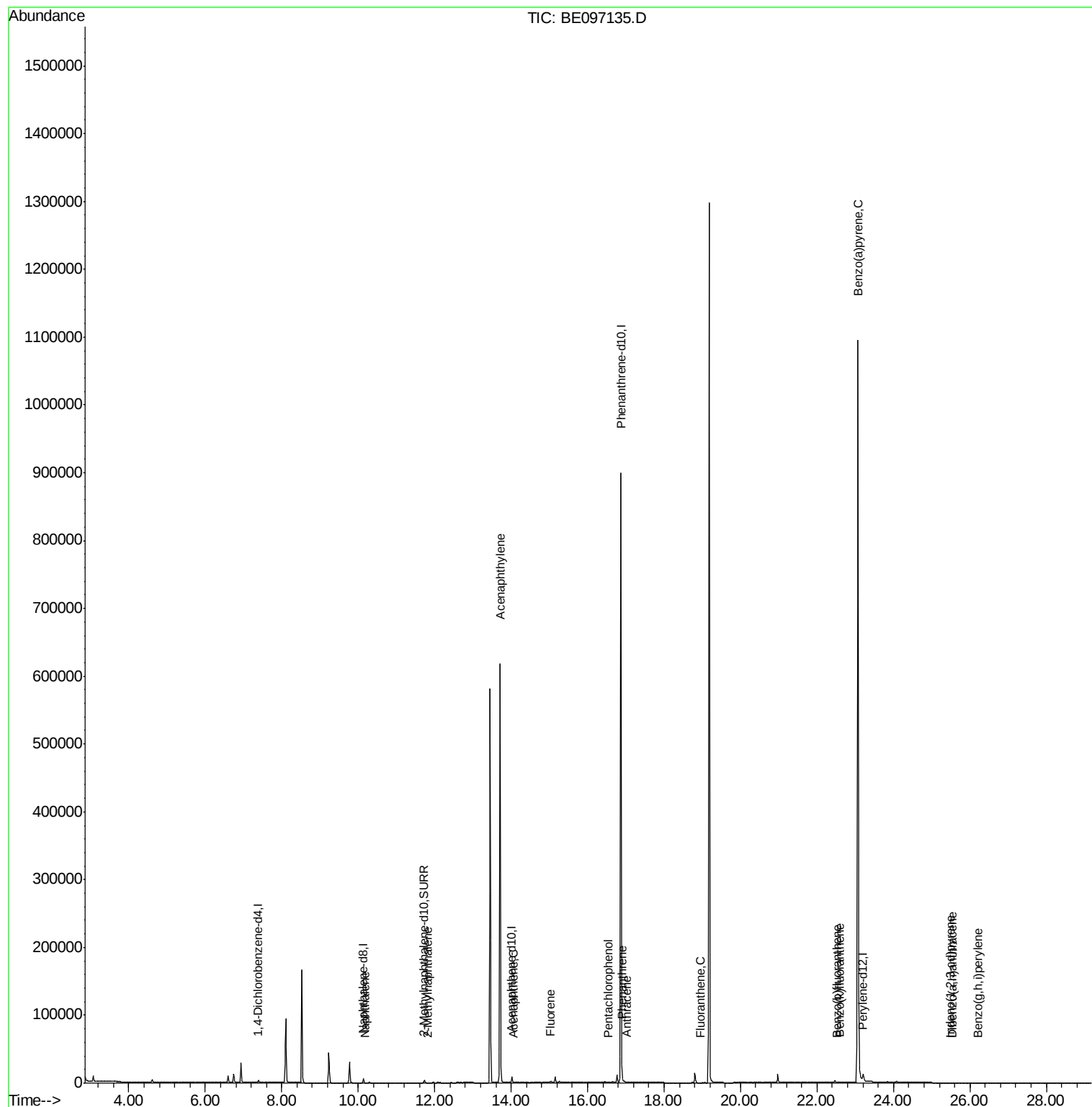
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1424	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7114	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4712	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	1092546	0.40	ng/ul	0.11
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-20.97
20) Perylene-d12	23.21	264	20880	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	4523	0.40	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	123	0.007	ng/ul#	13
5) 2-Methylnaphthalene	11.81	142	44	0.004	ng/ul	95
7) Acenaphthylene	13.71	152	87	0.004	ng/ul#	1
8) Acenaphthene	14.07	153	10	0.001	ng/ul#	77
9) Fluorene	15.03	166	1525	0.090	ng/ul#	21
11) Pentachlorophenol	16.54	266	3	0.000	ng/ul#	49
12) Phenanthrene	16.90	178	349	0.000	ng/ul#	45
13) Anthracene	17.01	178	14	0.000	ng/ul#	1
15) Fluoranthene	18.95	202	14	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.54	252	48	0.001	ng/ul#	1
22) Benzo(k)fluoranthene	22.58	252	47	0.001	ng/ul#	1
23) Benzo(a)pyrene	23.07	252	4418	0.078	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.50	276	20	0.000	ng/ul#	67
25) Dibenzo(a,h)anthracene	25.53	278	15	0.000	ng/ul#	1
26) Benzo(a,h,i)perylene	26.21	276	14	0.000	ng/ul#	1

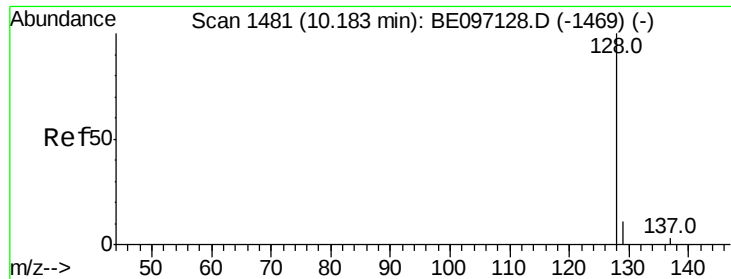
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.007 ng/ul

RT: 10.18 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE097135.D

Acq: 1 Aug 2018 18:46

Instrument :

BNA_E

ClientSampleId :

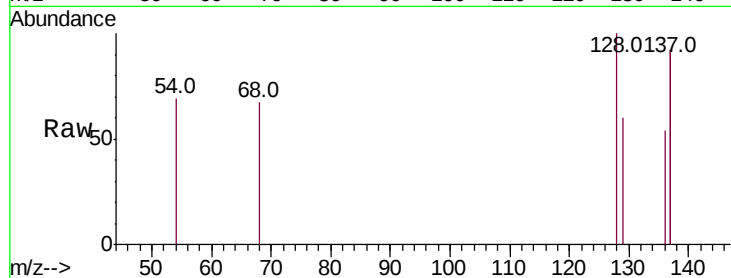
Tot Ion:128 Resp: 123

Ion Ratio Lower Upper

128 100

129 60.2 11.3 16.9#

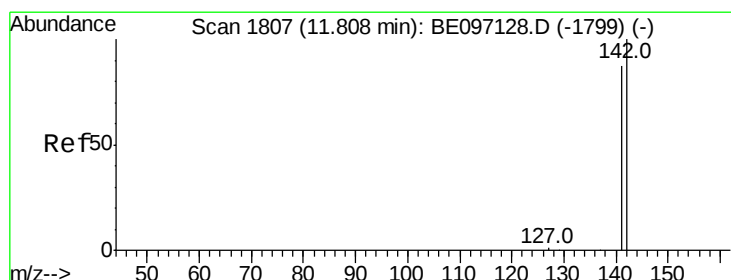
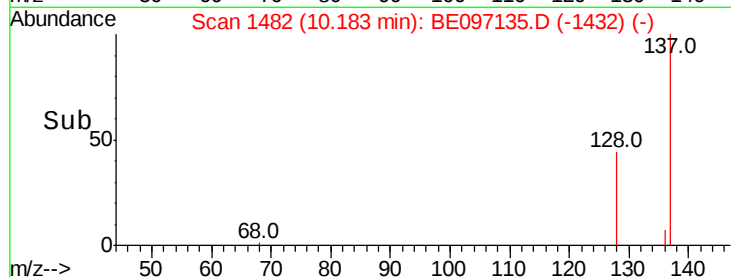
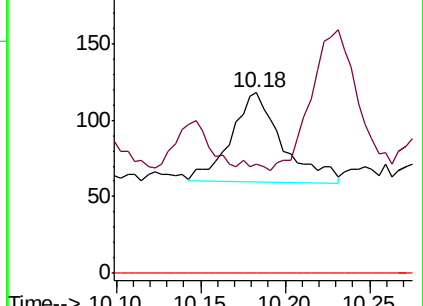
127 0.0 4.0 6.0#



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: 0.004 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BE097135.D

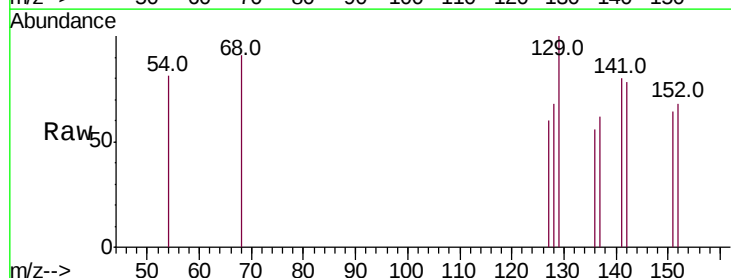
Acq: 1 Aug 2018 18:46

Tgt Ion:142 Resp: 44

Ion Ratio Lower Upper

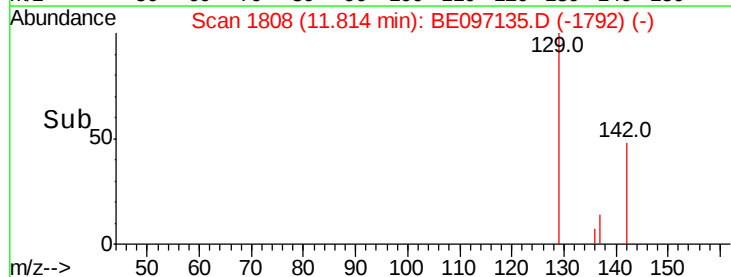
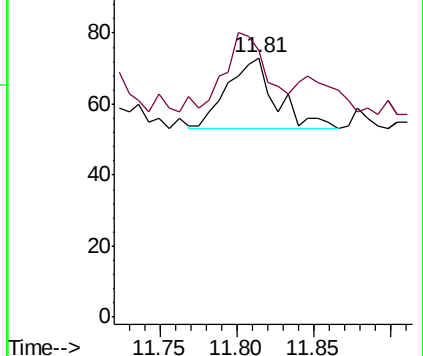
142 100

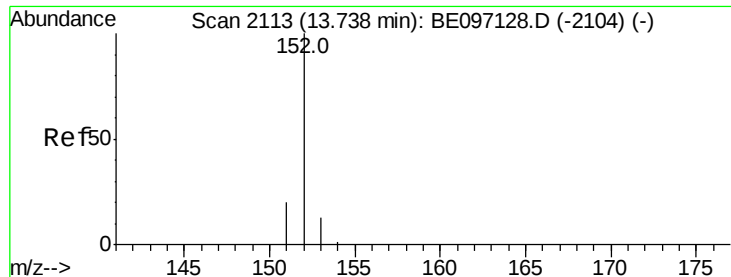
141 95.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.004 ng/ul

RT: 13.71 min Scan# 2109

Delta R.T. -0.03 min

Lab File: BE097135.D

Acq: 1 Aug 2018 18:46

Instrument :

BNA_E

ClientSampleId :

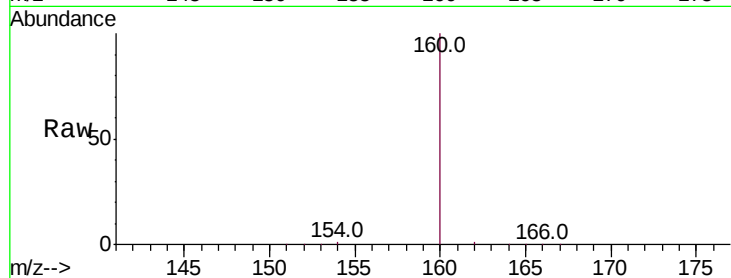
Tot Ion:152 Resp: 87

Ion Ratio Lower Upper

152 100

151 78.5 17.1 25.7#

153 180.6 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

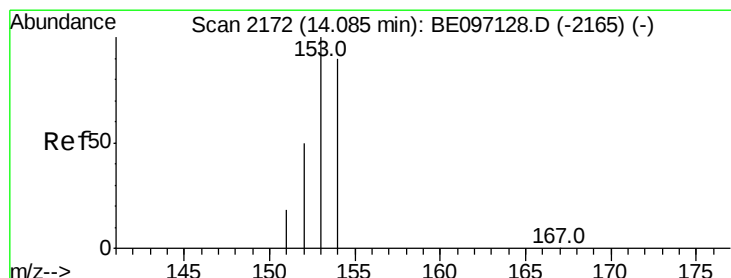
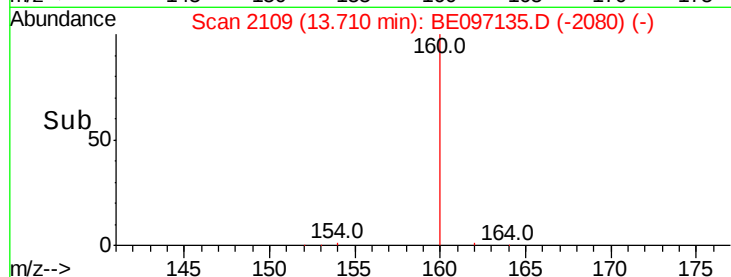
Ion 153.00 (152.70 to 153.70): E

13.71

13.70

13.80

Time-->



#8

Acenaphthene

Concen: 0.001 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BE097135.D

Acq: 1 Aug 2018 18:46

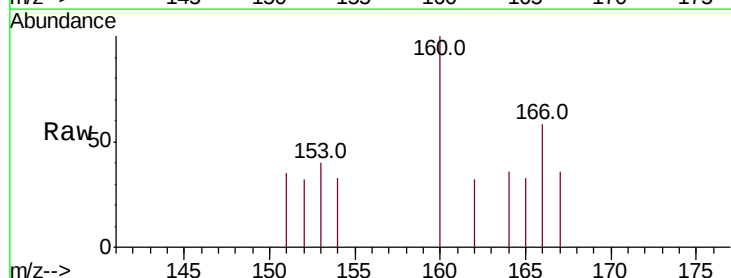
Tgt Ion:153 Resp: 10

Ion Ratio Lower Upper

153 100

152 80.0 36.0 54.0#

154 82.5 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

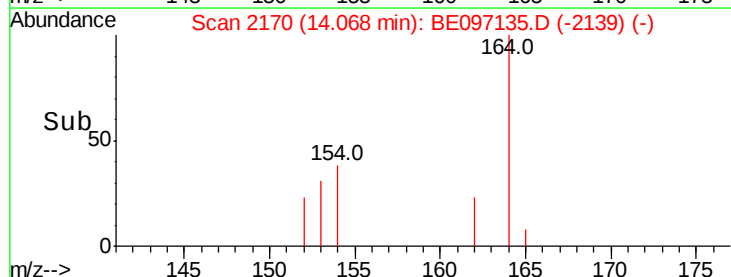
14.07

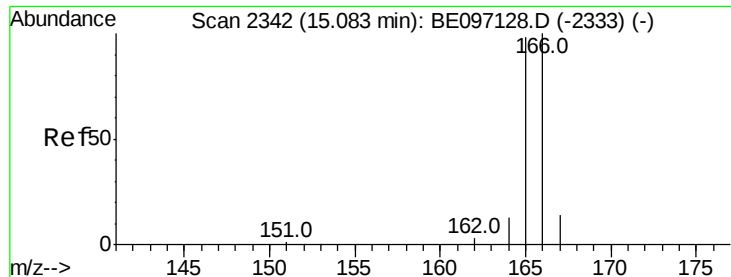
14.04

14.06

14.08

Time-->





#9

Fluorene

Concen: 0.090 ng/ul

RT: 15.03 min Scan# 2333

Delta R.T. -0.06 min

Lab File: BE097135.D

Acq: 1 Aug 2018 18:46

Instrument :

BNA_E

ClientSampleId :

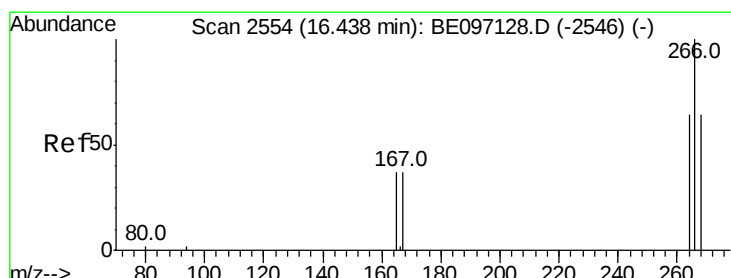
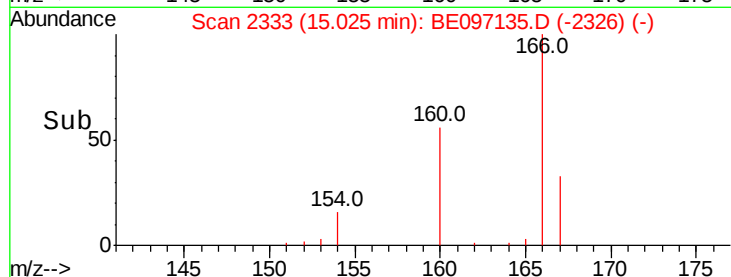
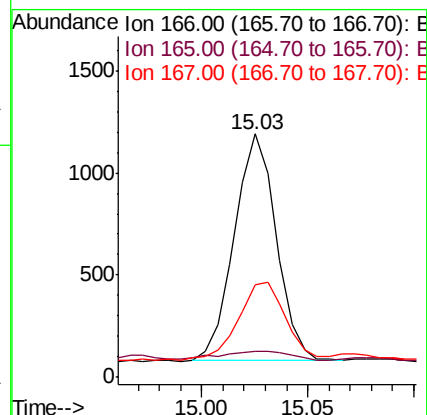
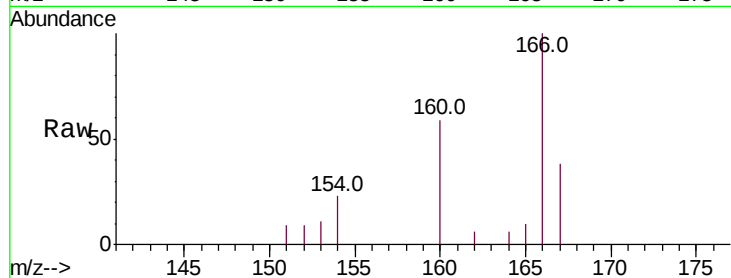
Tot Ion:166 Resp: 1525

Ion Ratio Lower Upper

166 100

165 10.4 73.4 110.2#

167 38.1 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.54 min Scan# 2570

Delta R.T. 0.11 min

Lab File: BE097135.D

Acq: 1 Aug 2018 18:46

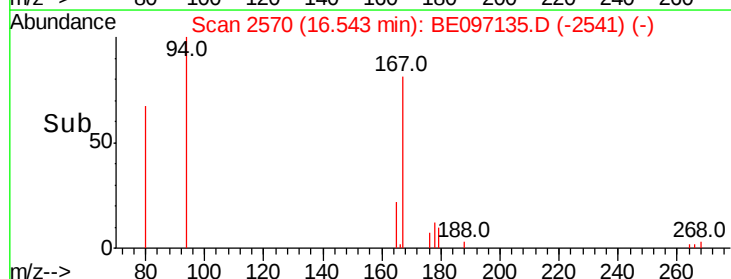
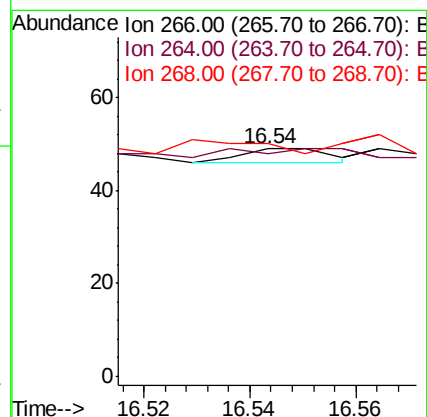
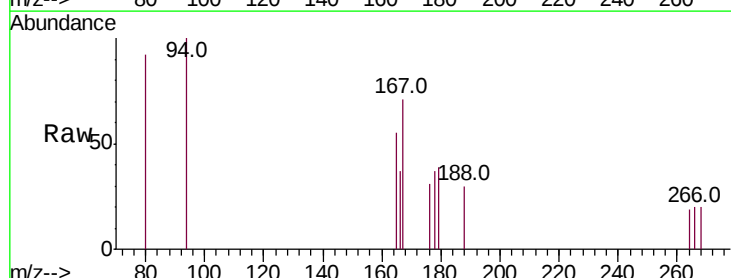
Tgt Ion:266 Resp: 3

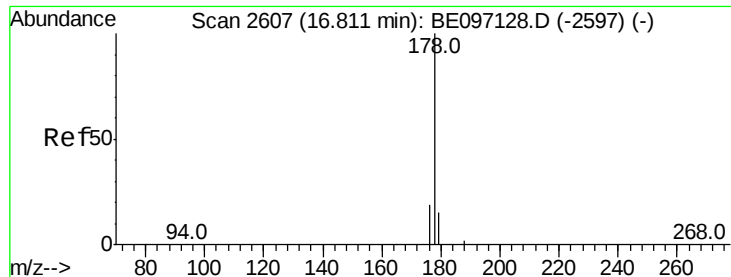
Ion Ratio Lower Upper

266 100

264 100.0 47.9 71.9#

268 100.0 49.8 74.8#





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. 0.09 min

Lab File: BE097135.D

Acq: 1 Aug 2018 18:46

Instrument :

BNA_E

ClientSampleId :

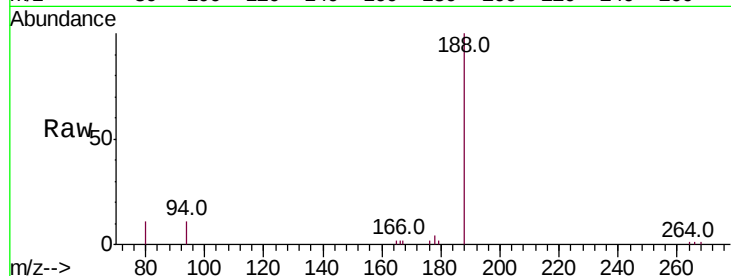
Tot Ion:178 Resp: 349

Ion Ratio Lower Upper

178 100

179 49.1 18.4 27.6#

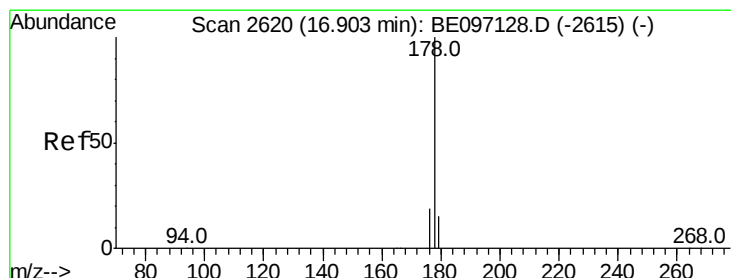
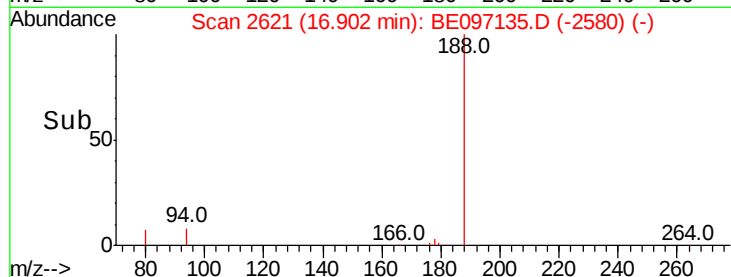
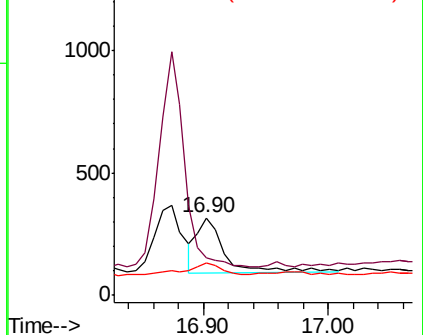
176 41.5 13.6 20.4#



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



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.01 min Scan# 2637

Delta R.T. 0.11 min

Lab File: BE097135.D

Acq: 1 Aug 2018 18:46

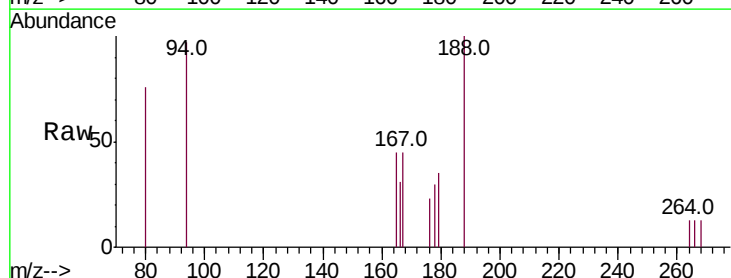
Tgt Ion:178 Resp: 14

Ion Ratio Lower Upper

178 100

179 115.2 18.1 27.1#

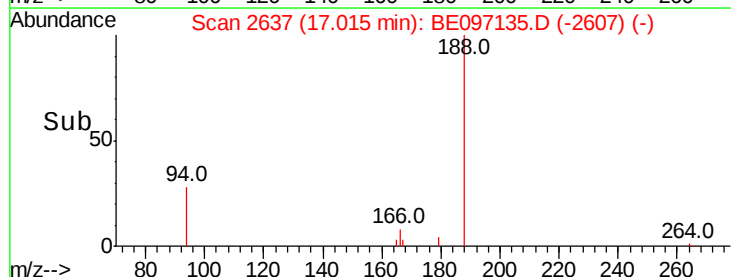
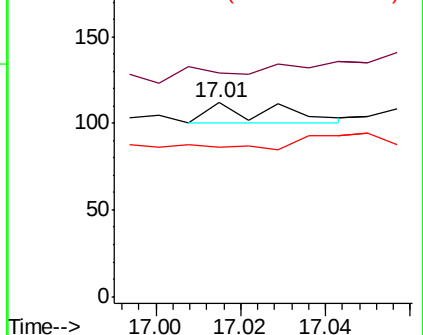
176 76.8 14.7 22.1#

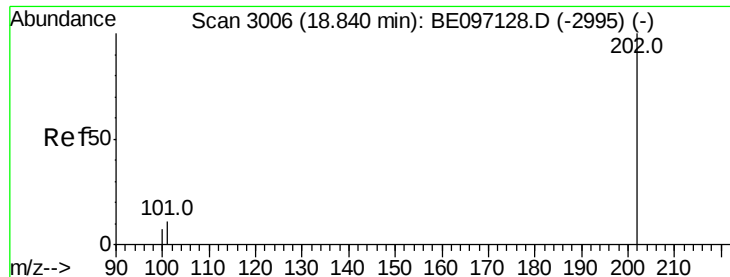


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 18.95 min Scan# 3039

Delta R.T. 0.11 min

Lab File: BE097135.D

Acq: 1 Aug 2018 18:46

Instrument :

BNA_E

ClientSampleId :

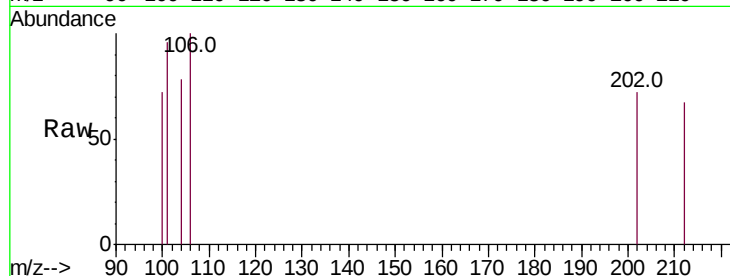
Tot Ion:202 Resp: 14

Ion Ratio Lower Upper

202 100

101 133.3 0.0 30.3#

100 101.0 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

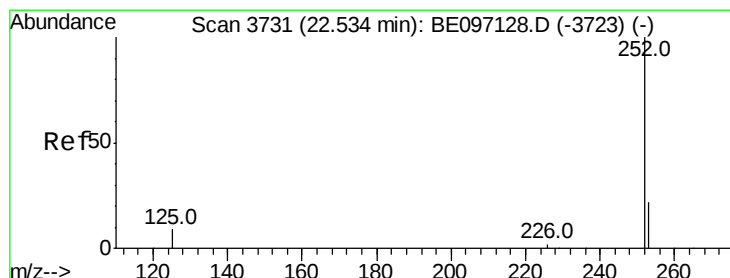
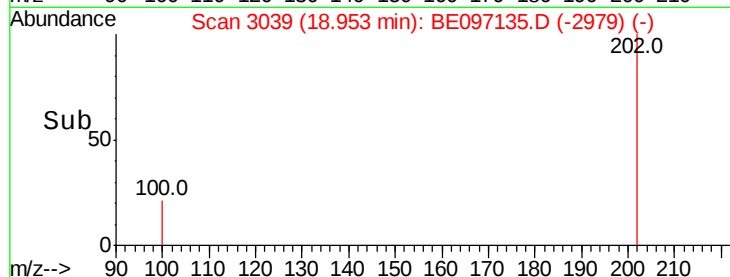
18.95

100

50

0

Time-->



#21

Benzo(b)fluoranthene

Concen: 0.001 ng/ul

RT: 22.54 min Scan# 3733

Delta R.T. 0.01 min

Lab File: BE097135.D

Acq: 1 Aug 2018 18:46

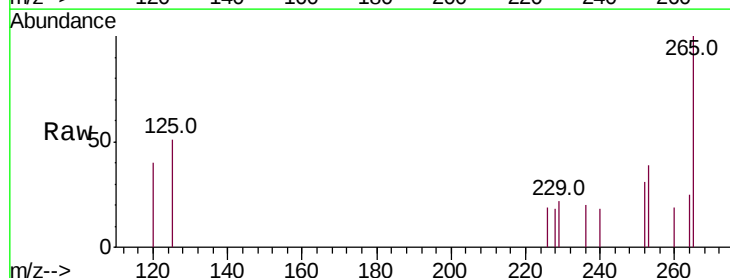
Tgt Ion:252 Resp: 48

Ion Ratio Lower Upper

252 100

253 124.4 0.0 64.2#

125 162.2 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

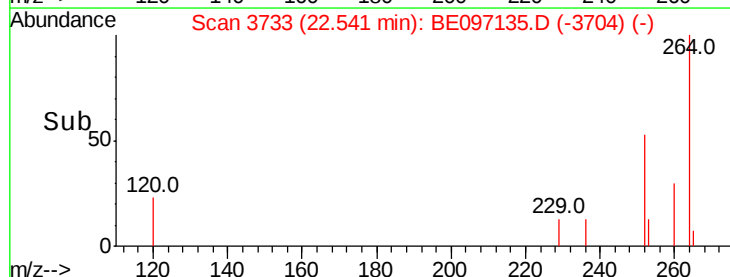
22.54

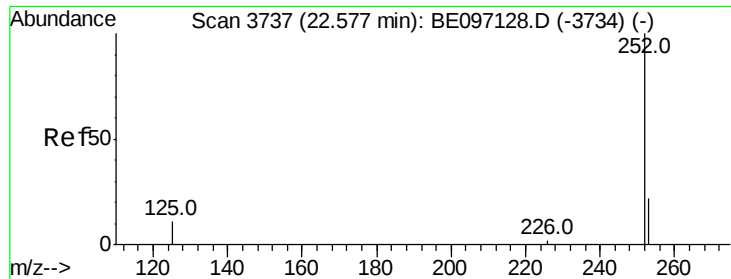
100

50

0

Time-->





#22

Benzo(k)fluoranthene

Concen: 0.001 ng/ul

RT: 22.58 min Scan# 3739

Delta R.T. 0.01 min

Lab File: BE097135.D

Acq: 1 Aug 2018 18:46

Instrument :

BNA_E

ClientSampleId :

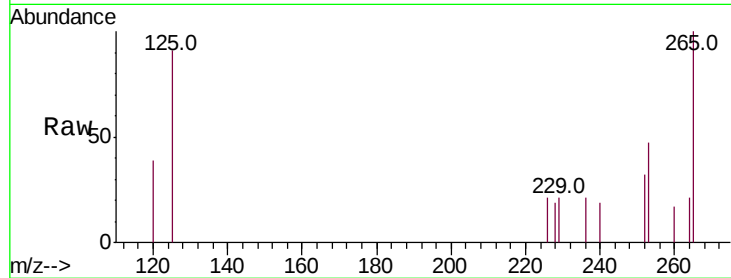
Tot Ion:252 Resp: 47

Ion Ratio Lower Upper

252 100

253 147.6 24.5 36.7#

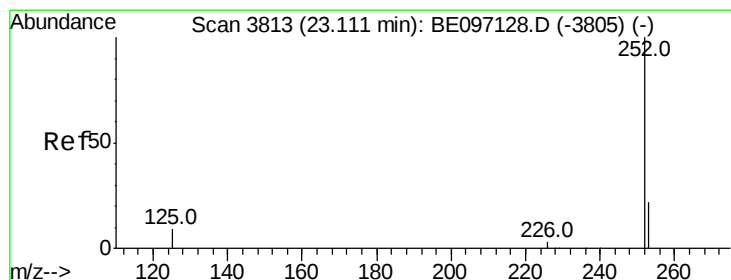
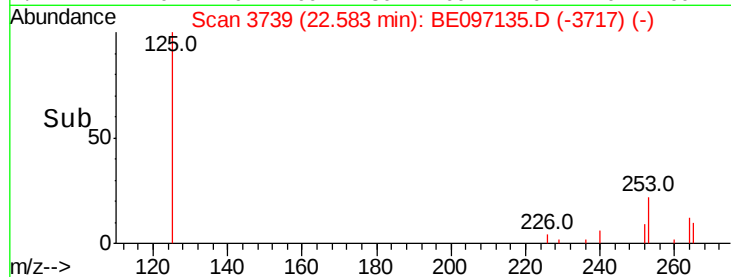
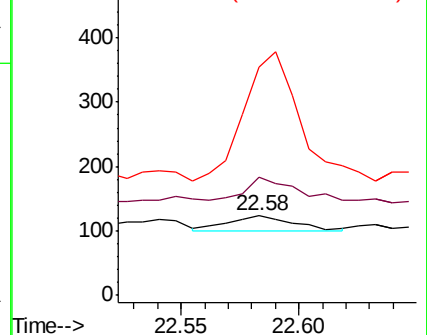
125 285.5 13.7 20.5#



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: 0.078 ng/ul

RT: 23.07 min Scan# 3808

Delta R.T. -0.04 min

Lab File: BE097135.D

Acq: 1 Aug 2018 18:46

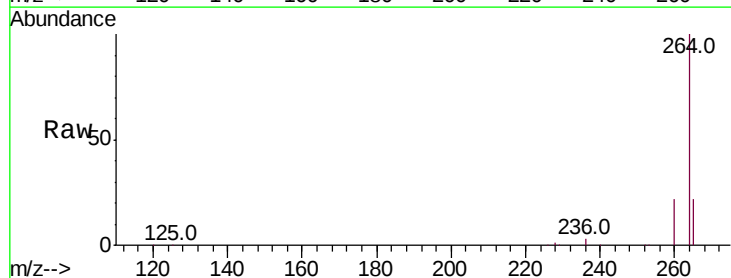
Tgt Ion:252 Resp: 4418

Ion Ratio Lower Upper

252 100

253 30.2 28.5 42.7

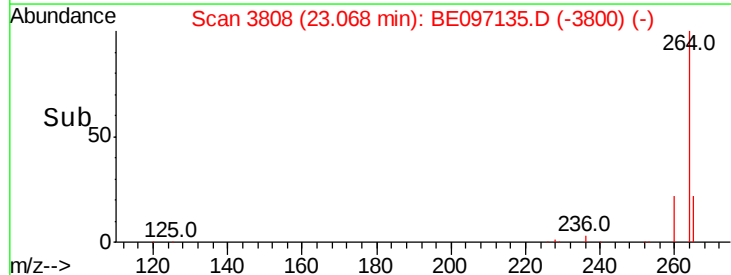
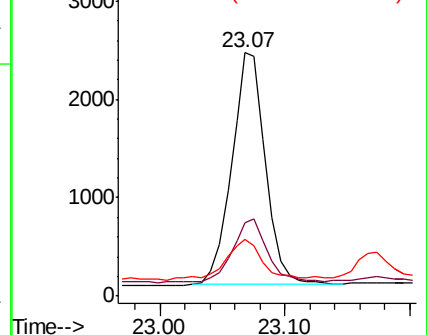
125 23.2 18.1 27.1

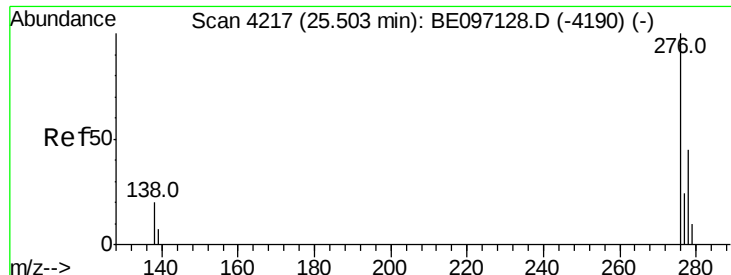


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



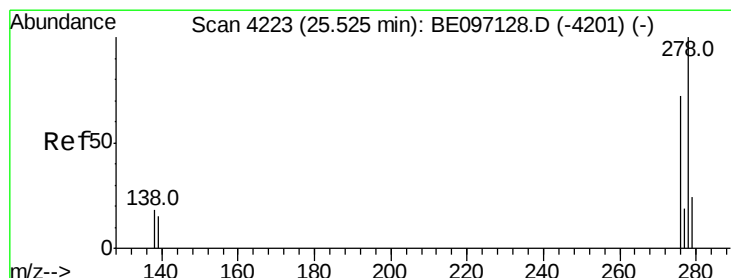
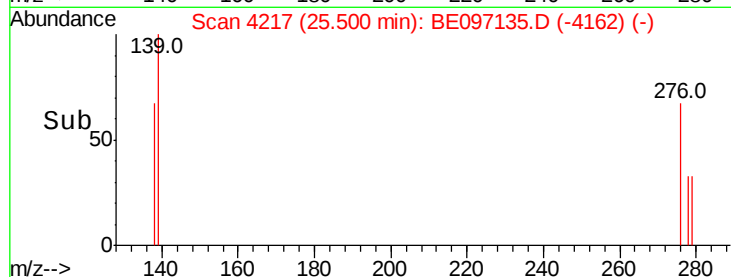
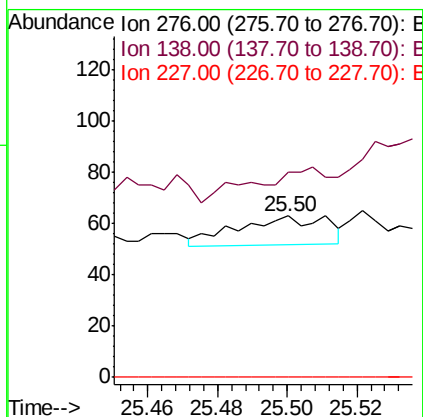
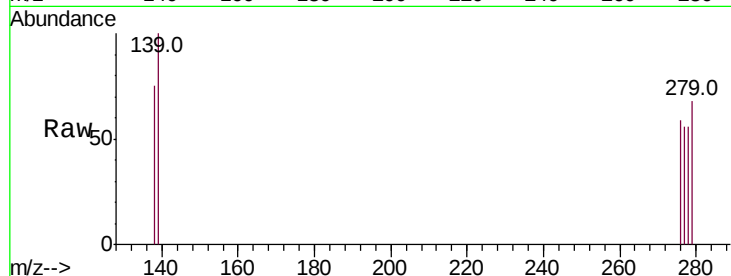


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BE097135.D
Acq: 1 Aug 2018 18:46

Instrument :
BNA_E
ClientSampleId :

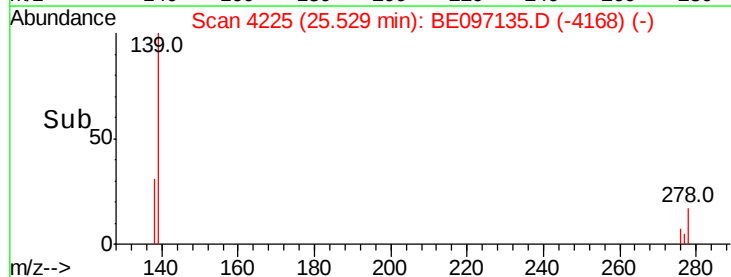
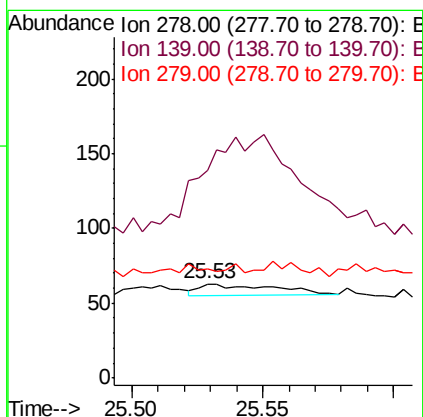
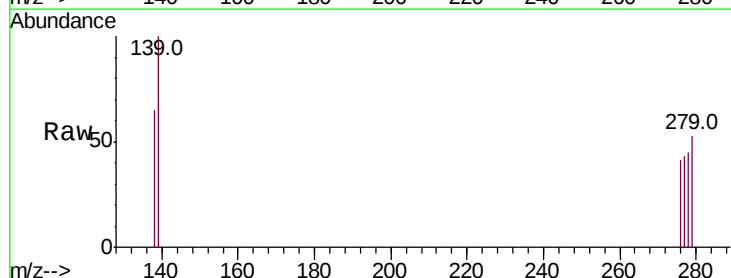
Tot Ion:276 Resp: 20
Ion Ratio Lower Upper
276 100
138 55.0 28.0 42.0#
227 0.0 8.0 12.0#

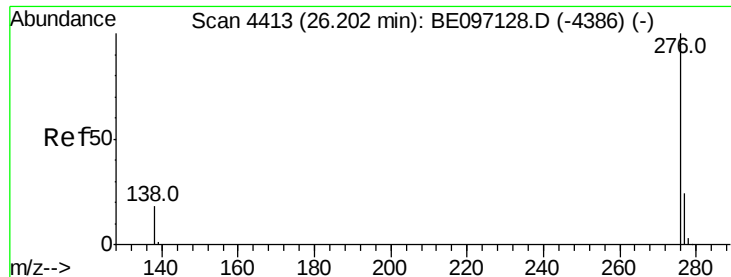


#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.53 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BE097135.D
Acq: 1 Aug 2018 18:46

Tgt Ion:278 Resp: 15
Ion Ratio Lower Upper
278 100
139 220.6 17.4 26.0#
279 115.9 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.21 min Scan# 4416

Delta R.T. 0.01 min

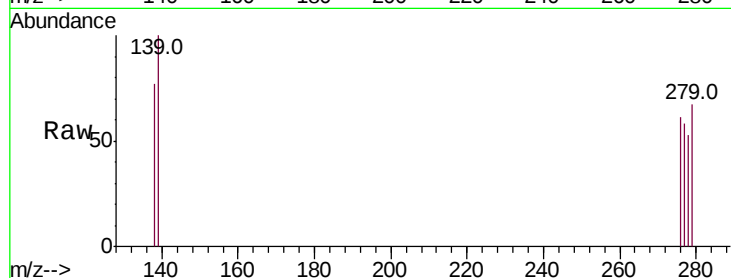
Lab File: BE097135.D

Acq: 1 Aug 2018 18:46

Instrument :

BNA_E

ClientSampleId :



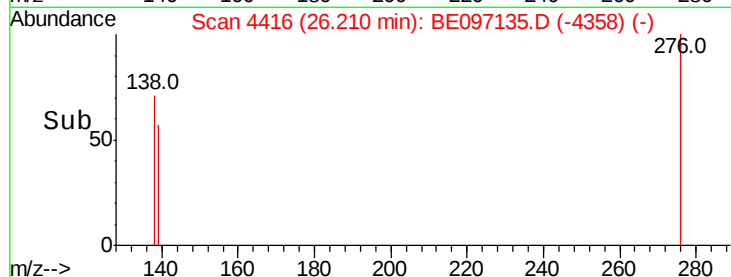
Tot Ion:276 Resp: 14

Ion Ratio Lower Upper

276 100

138 125.4 21.8 32.8#

277 95.2 20.5 30.7#



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

