

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096858.D
 Acq On : 6 Jul 2018 18:08
 Operator : SJ/JU
 Sample : PB110732BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 03:25:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 06 16:55:25 2018
 Response via : Initial Calibration

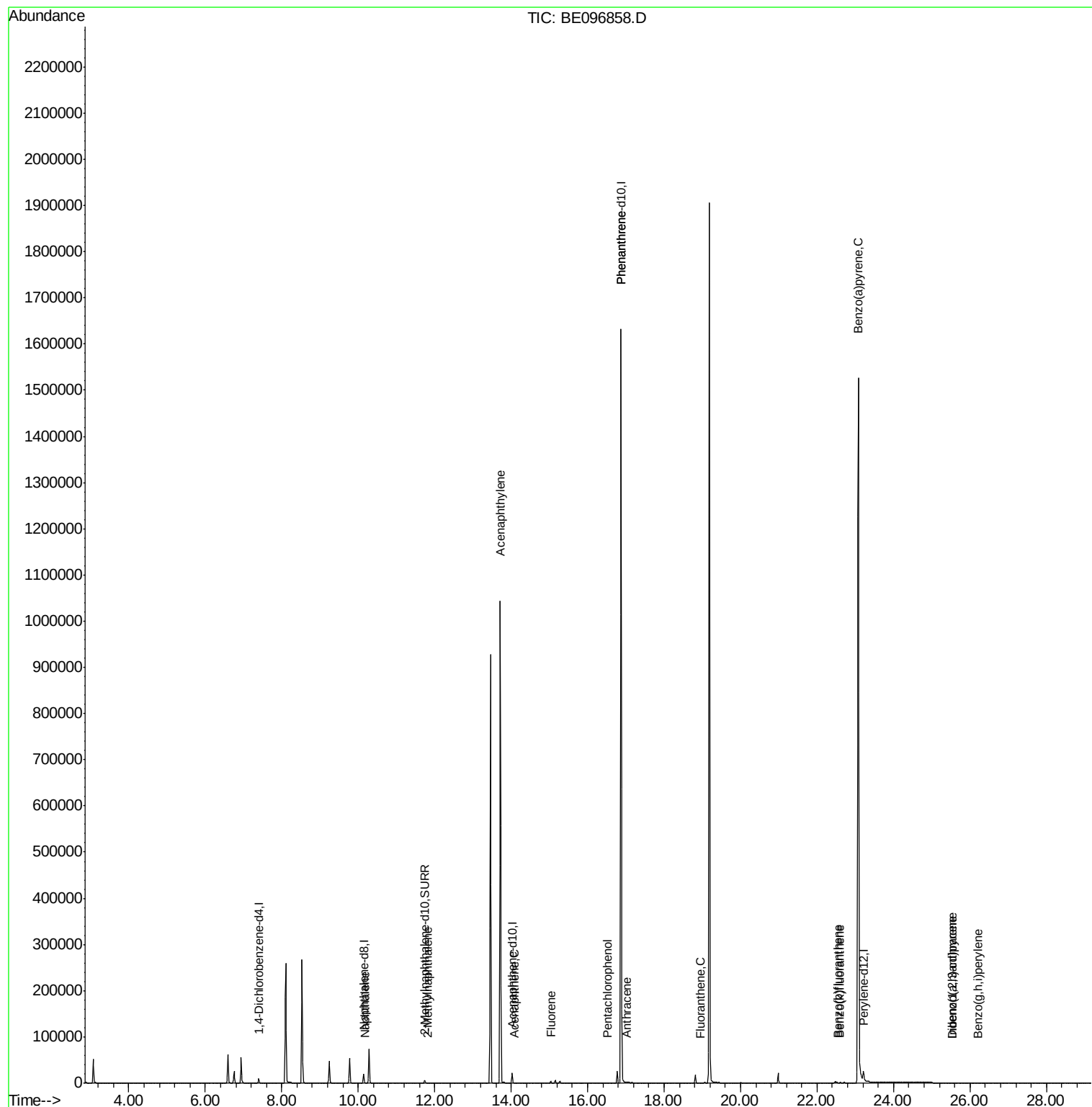
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3867	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	19970	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	11678	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	1799905	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-20.98
20) Perylene-d12	23.22	264	43983	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	8419	0.26	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	34	0.001	ng/ul#	1
5) 2-Methylnaphthalene	11.82	142	24	0.001	ng/ul#	1
7) Acenaphthylene	13.71	152	146	0.003	ng/ul#	1
8) Acenaphthene	14.09	153	70	0.002	ng/ul#	80
9) Fluorene	15.03	166	2613	0.064	ng/ul#	18
11) Pentachlorophenol	16.53	266	4	0.000	ng/ul#	1
12) Phenanthrene	16.88	178	847	0.000	ng/ul#	1
13) Anthracene	17.03	178	8	0.000	ng/ul#	1
15) Fluoranthene	18.95	202	2	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.54	252	102	0.001	ng/ul#	10
22) Benzo(k)fluoranthene	22.58	252	115	0.001	ng/ul#	1
23) Benzo(a)pyrene	23.08	252	6524	0.064	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.52	276	113	0.001	ng/ul#	47
25) Dibenzo(a,h)anthracene	25.55	278	76	0.001	ng/ul#	1
26) Benzo(a,h,i)perylene	26.20	276	99	0.001	ng/ul#	3

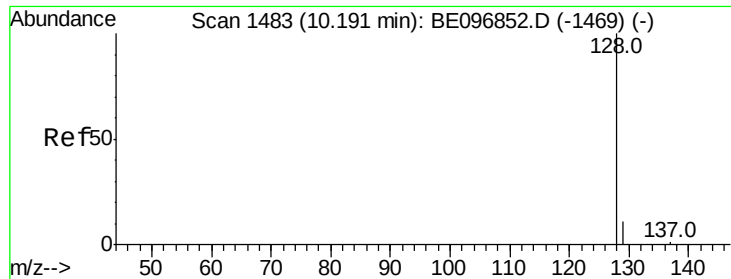
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 06 16:55:25 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.001 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BE096858.D

Acq: 6 Jul 2018 18:08

Instrument :

BNA_E

ClientSampleId :

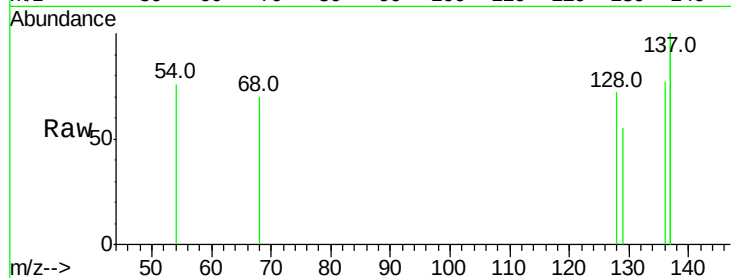
Tot Ion:128 Resp: 34

Ion Ratio Lower Upper

128 100

129 75.8 11.3 16.9#

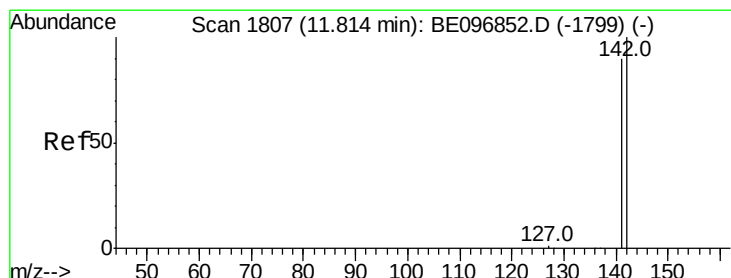
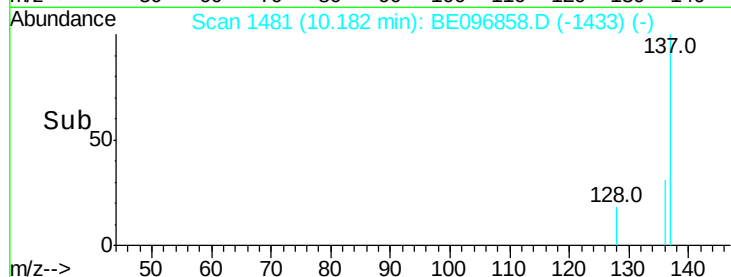
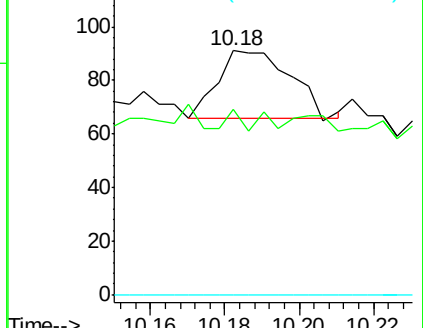
127 0.0 4.0 6.0#



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: 0.001 ng/ul

RT: 11.82 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BE096858.D

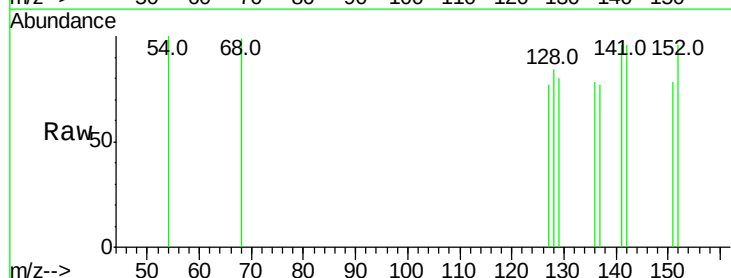
Acq: 6 Jul 2018 18:08

Tgt Ion:142 Resp: 24

Ion Ratio Lower Upper

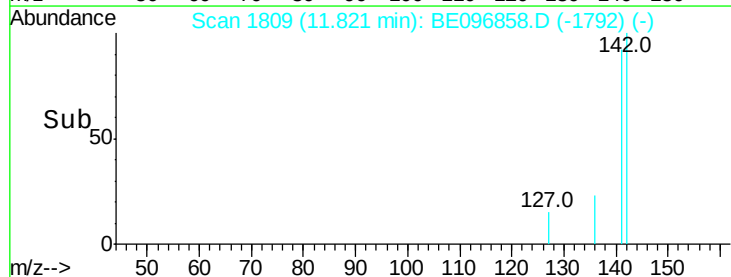
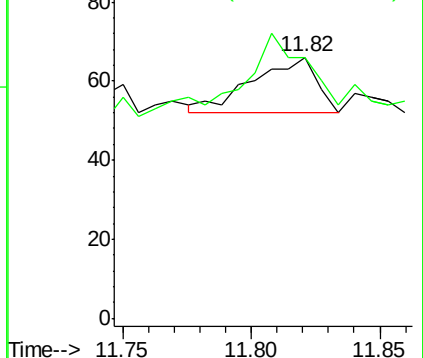
142 100

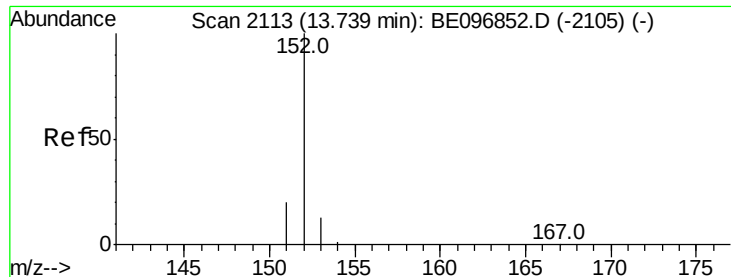
141 212.5 72.6 108.8#



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: 13.71 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BE096858.D

Acq: 6 Jul 2018 18:08

Instrument :

BNA_E

ClientSampleId :

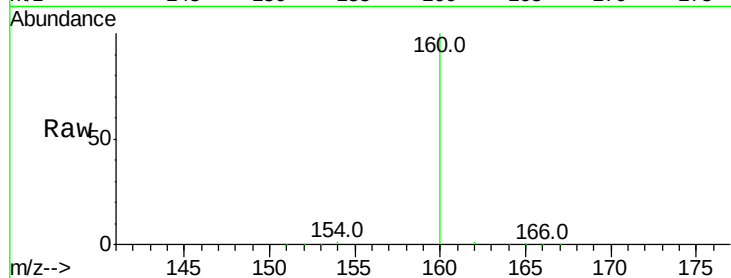
Tot Ion:152 Resp: 146

Ion Ratio Lower Upper

152 100

151 59.2 17.1 25.7#

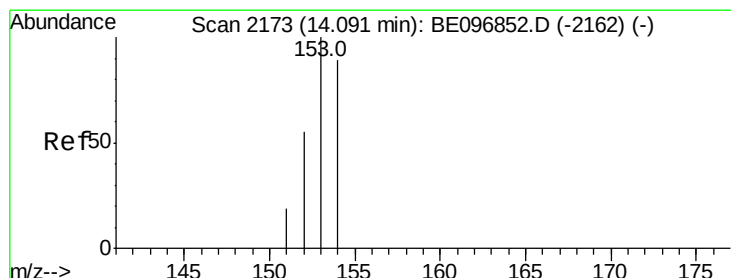
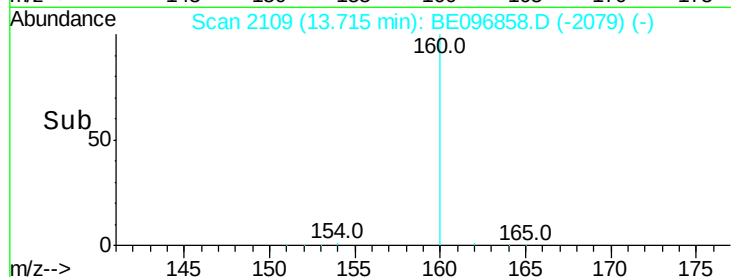
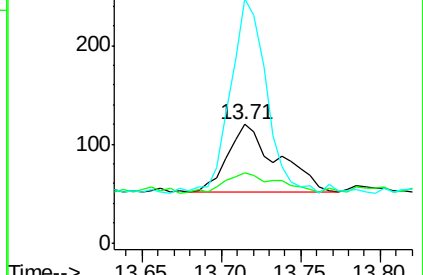
153 205.8 12.8 19.2#



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



#8

Acenaphthene

Concen: 0.002 ng/ul

RT: 14.09 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE096858.D

Acq: 6 Jul 2018 18:08

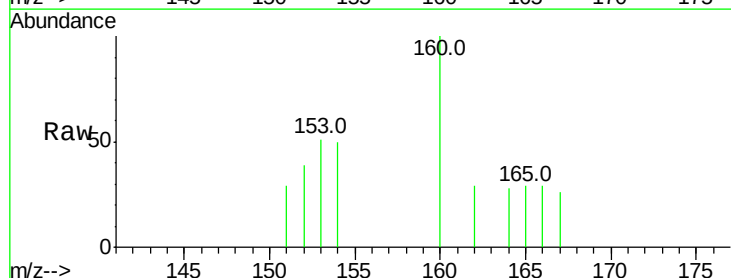
Tgt Ion:153 Resp: 70

Ion Ratio Lower Upper

153 100

152 75.0 36.0 54.0#

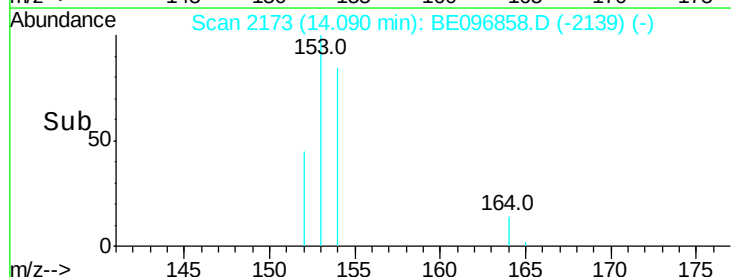
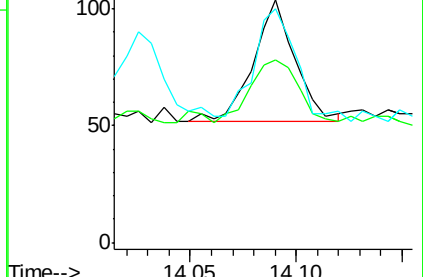
154 96.2 72.0 108.0

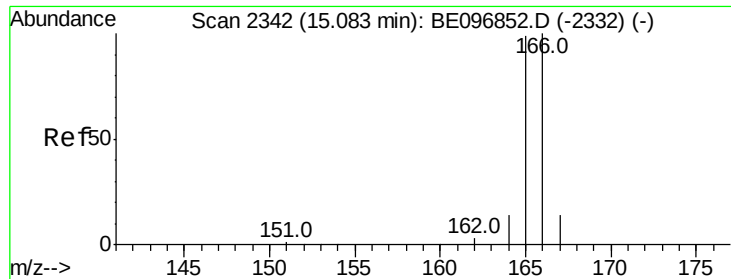


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.064 ng/ul

RT: 15.03 min Scan# 2333

Delta R.T. -0.05 min

Lab File: BE096858.D

Acq: 6 Jul 2018 18:08

Instrument :

BNA_E

ClientSampleId :

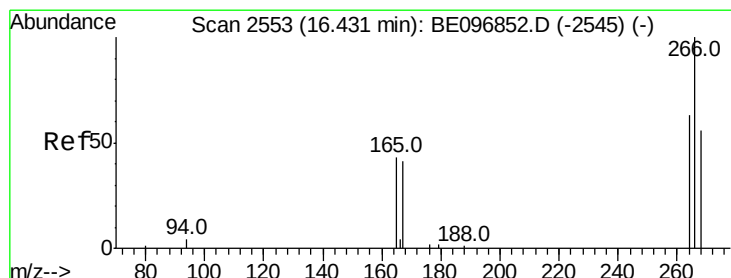
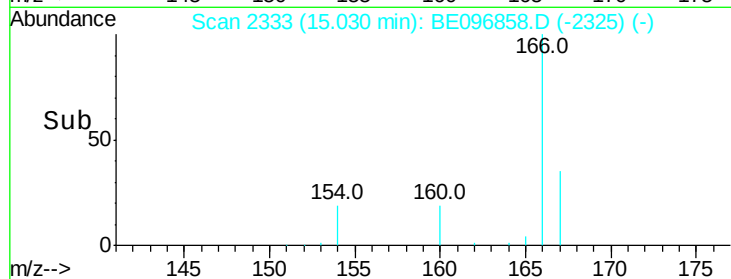
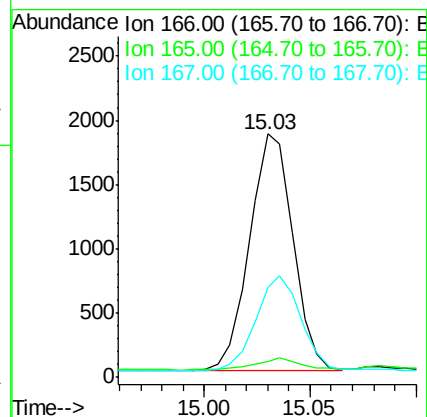
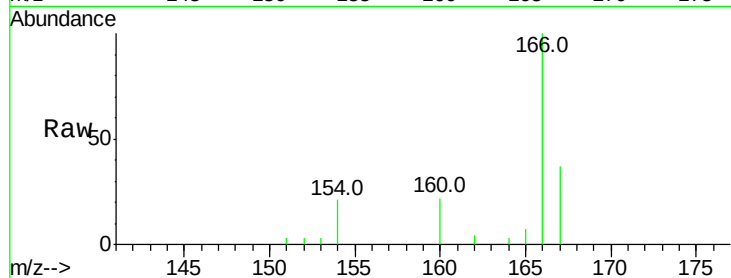
Tot Ion:166 Resp: 2613

Ion Ratio Lower Upper

166 100

165 6.6 73.4 110.2#

167 36.9 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.53 min Scan# 2567

Delta R.T. 0.10 min

Lab File: BE096858.D

Acq: 6 Jul 2018 18:08

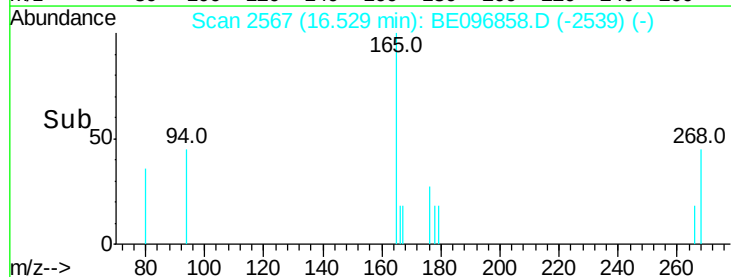
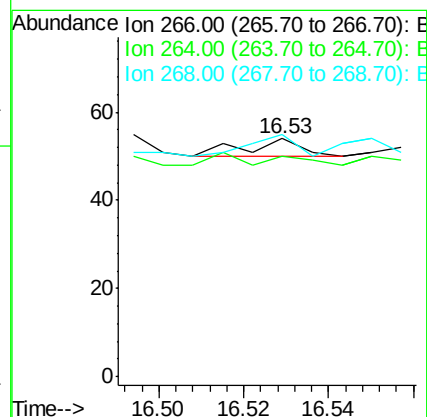
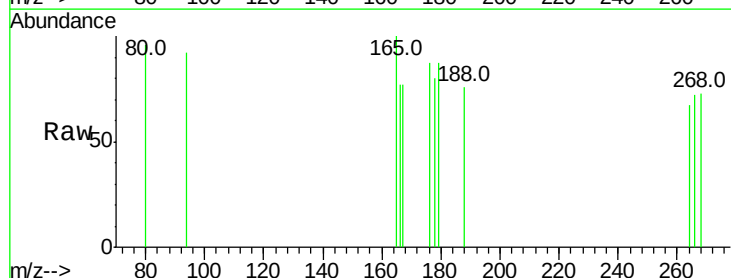
Tgt Ion:266 Resp: 4

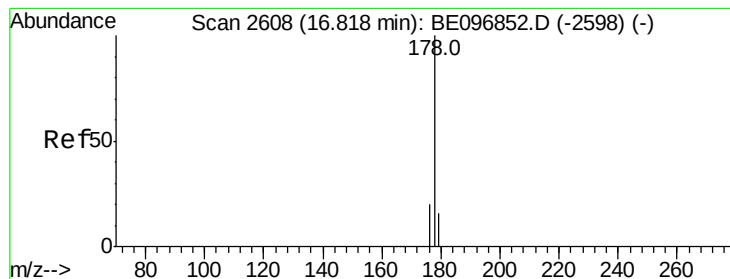
Ion Ratio Lower Upper

266 100

264 75.0 47.9 71.9#

268 225.0 49.8 74.8#





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 16.88 min Scan# 2617

Delta R.T. 0.06 min

Lab File: BE096858.D

Acq: 6 Jul 2018 18:08

Instrument :

BNA_E

ClientSampled :

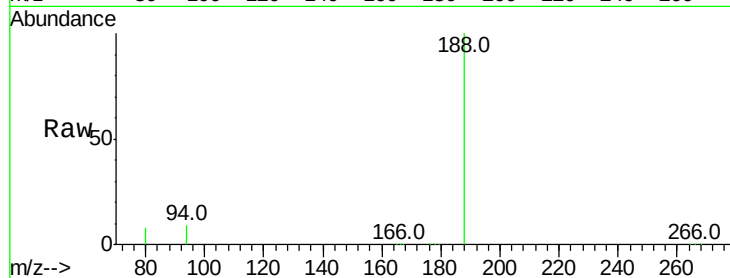
Tot Ion:178 Resp: 847

Ion Ratio Lower Upper

178 100

179 292.4 18.4 27.6#

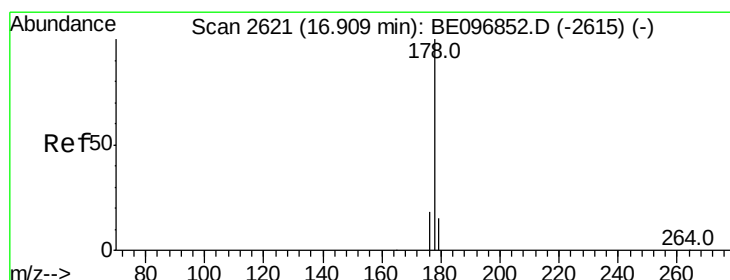
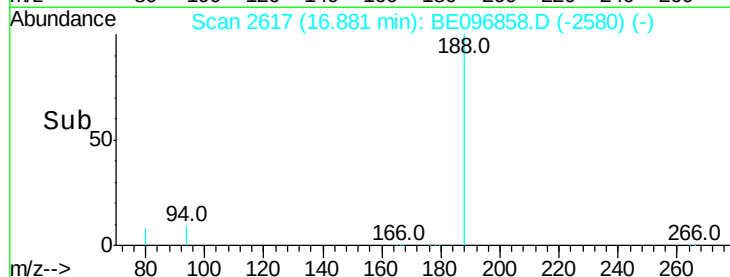
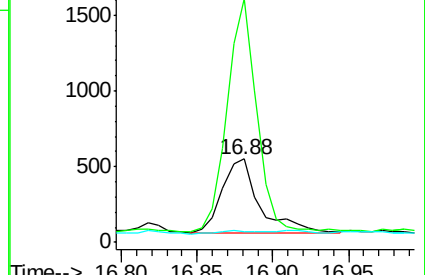
176 13.3 13.6 20.4#



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: 17.03 min Scan# 2638

Delta R.T. 0.12 min

Lab File: BE096858.D

Acq: 6 Jul 2018 18:08

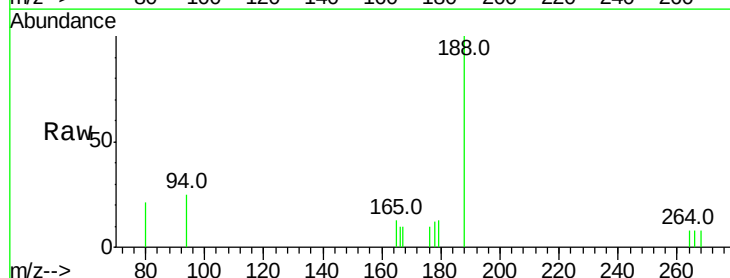
Tgt Ion:178 Resp: 8

Ion Ratio Lower Upper

178 100

179 113.7 18.1 27.1#

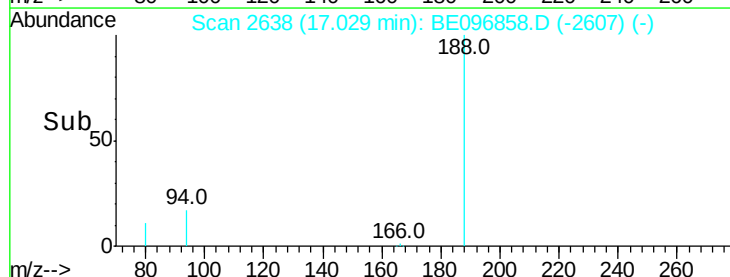
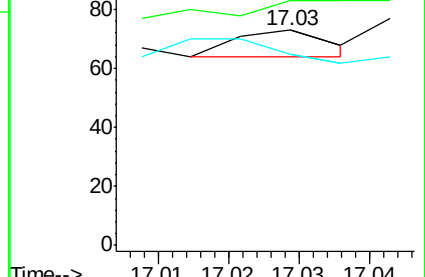
176 89.0 14.7 22.1#

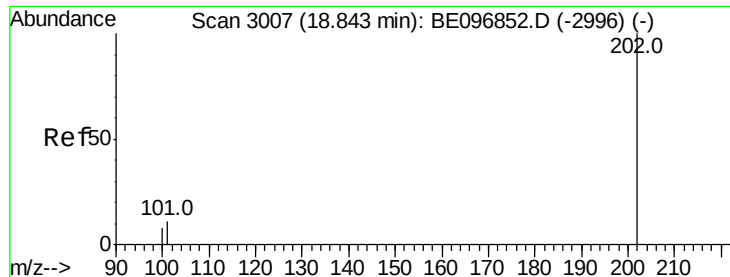


Abundance Ion 178.00 (177.70 to 178.70): E

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# 3037

Delta R.T. 0.11 min

Lab File: BE096858.D

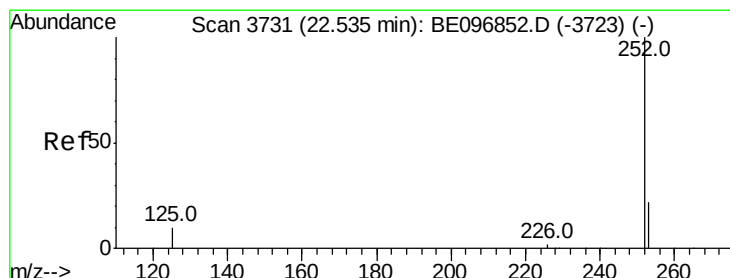
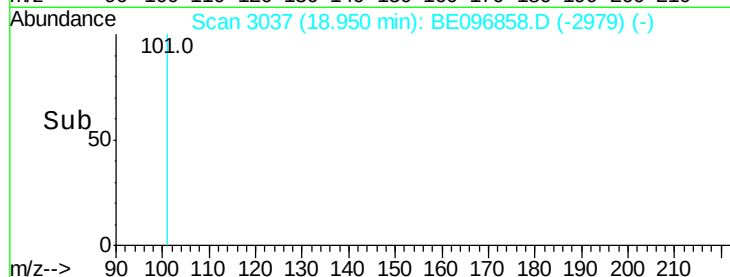
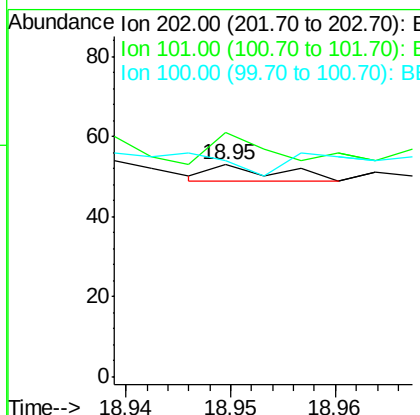
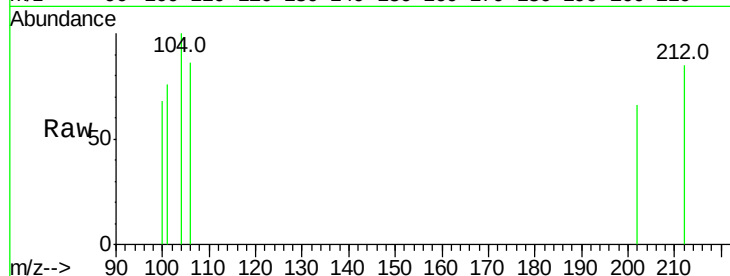
Acq: 6 Jul 2018 18:08

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	202	Resp:	2
Ion	Ratio	Lower	Upper
202	100		
101	115.1	0.0	30.3#
100	101.9	0.0	39.5#



#21

Benzo(b)fluoranthene

Concen: 0.001 ng/ul

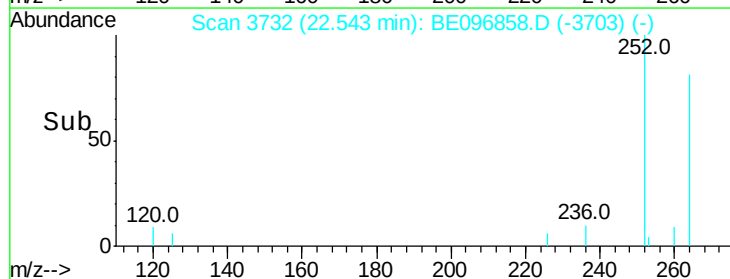
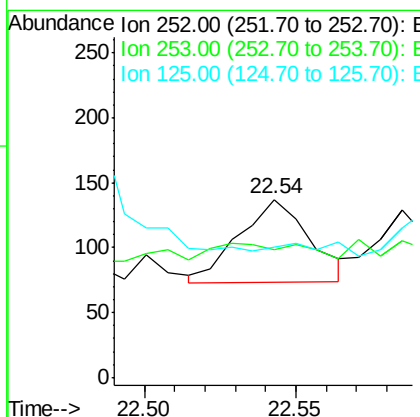
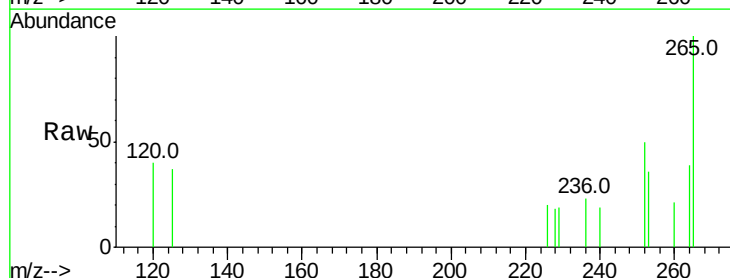
RT: 22.54 min Scan# 3732

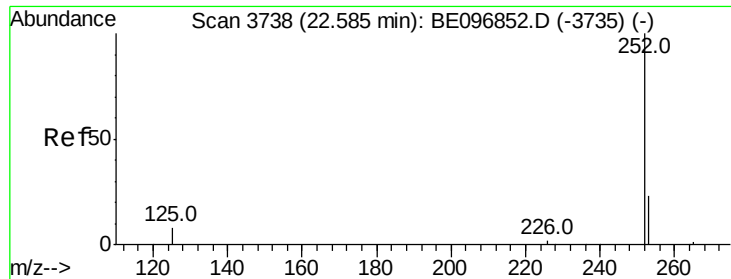
Delta R.T. 0.01 min

Lab File: BE096858.D

Acq: 6 Jul 2018 18:08

Tgt Ion:	252	Resp:	102
Ion	Ratio	Lower	Upper
252	100		
253	71.5	0.0	64.2#
125	73.0	0.0	35.0#

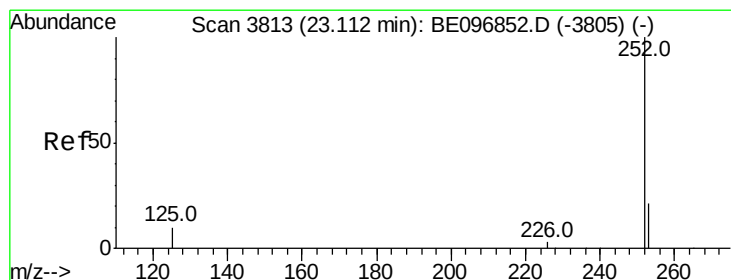
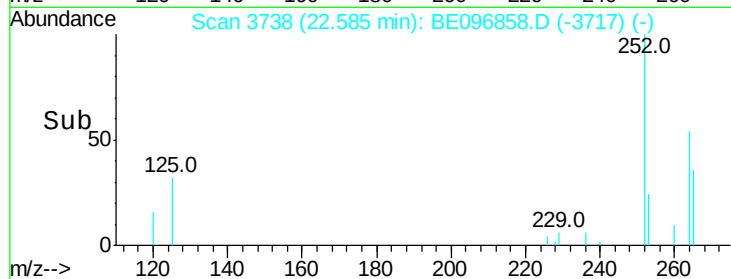
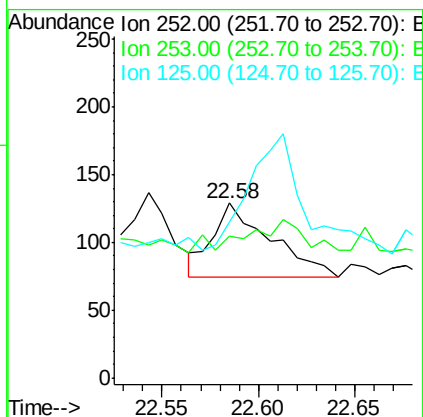
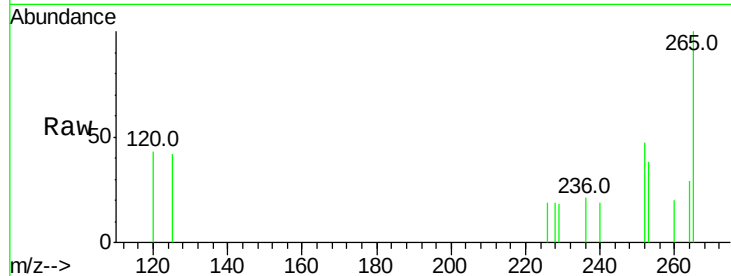




#22
Benzo(k)fluoranthene
Concen: 0.001 ng/ul
RT: 22.58 min Scan# 3738
Delta R.T. 0.00 min
Lab File: BE096858.D
Acq: 6 Jul 2018 18:08

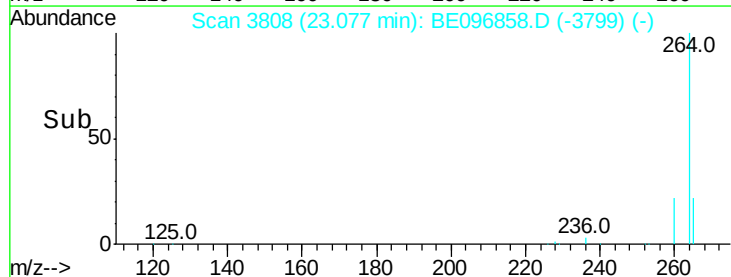
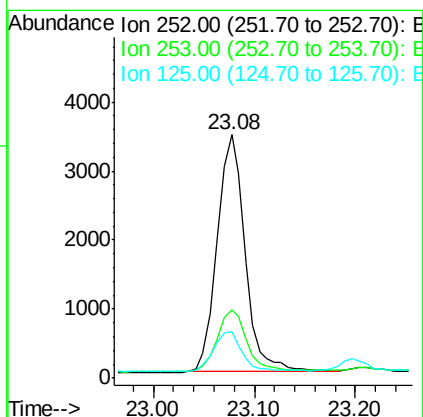
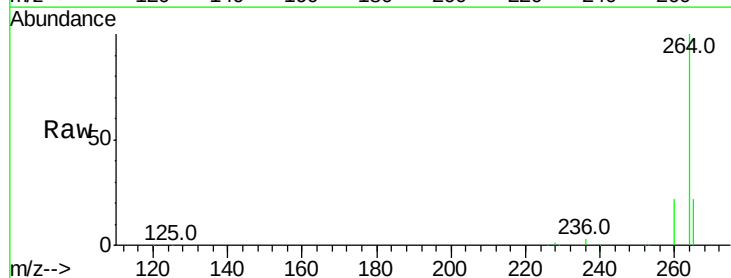
Instrument :
BNA_E
ClientSampled :

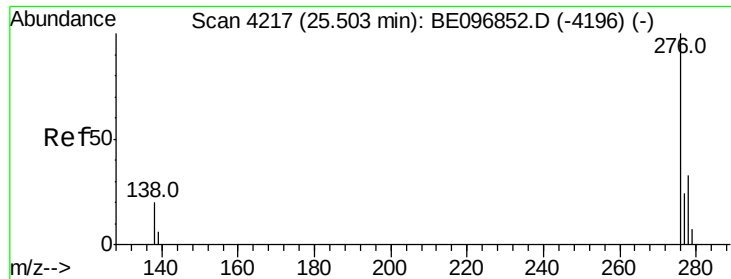
Tot Ion:252 Resp: 115
Ion Ratio Lower Upper
252 100
253 81.4 24.5 36.7#
125 89.1 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 0.064 ng/ul
RT: 23.08 min Scan# 3808
Delta R.T. -0.03 min
Lab File: BE096858.D
Acq: 6 Jul 2018 18:08

Tgt Ion:252 Resp: 6524
Ion Ratio Lower Upper
252 100
253 28.1 28.5 42.7#
125 19.3 18.1 27.1

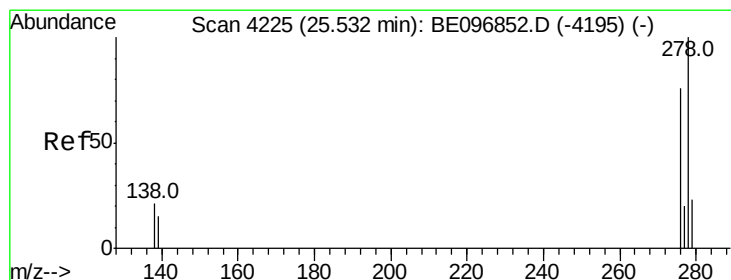
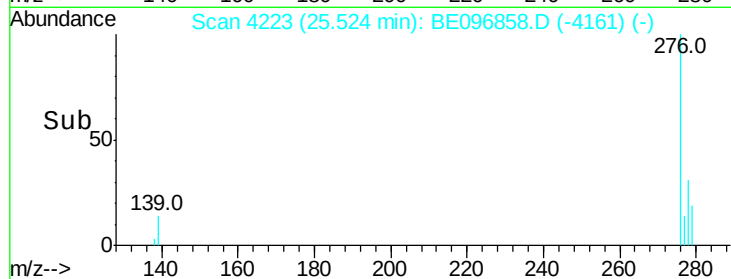
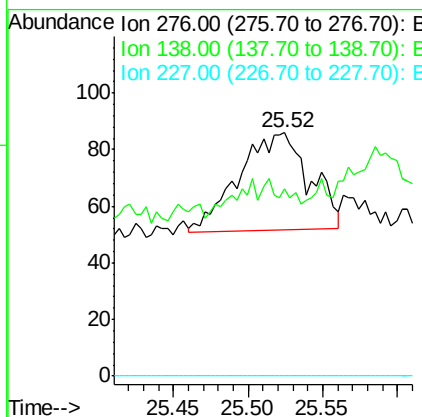
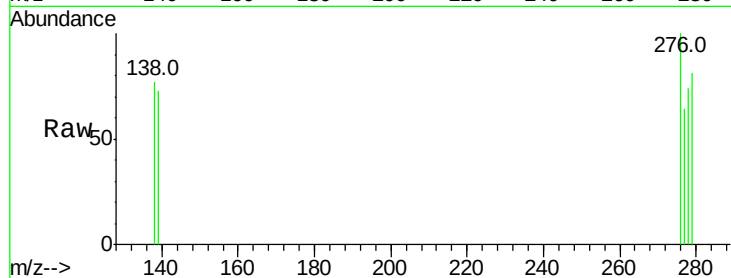




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.001 ng/ul
 RT: 25.52 min Scan# 4223
 Delta R.T. 0.02 min
 Lab File: BE096858.D
 Acq: 6 Jul 2018 18:08

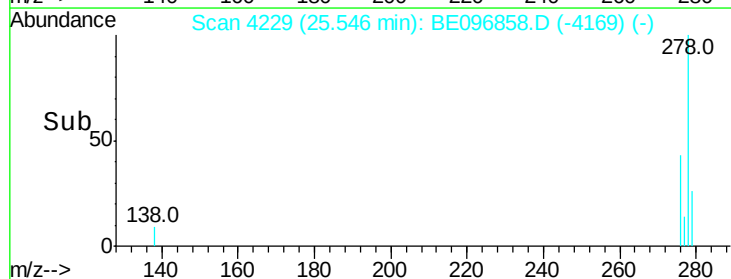
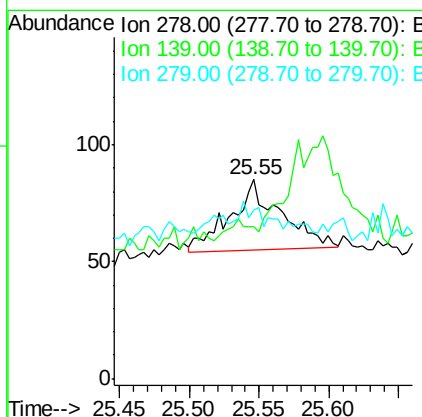
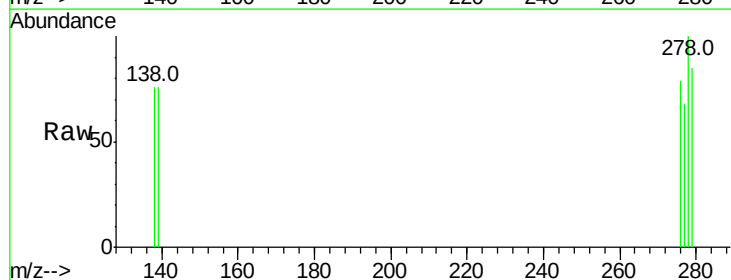
Instrument :
 BNA_E
 ClientSampleId :

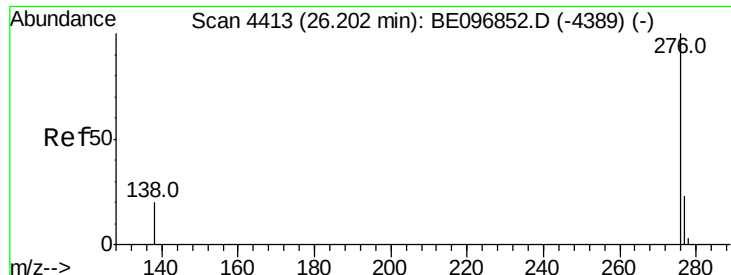
Tot Ion:276 Resp: 113
 Ion Ratio Lower Upper
 276 100
 138 0.0 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.001 ng/ul
 RT: 25.55 min Scan# 4229
 Delta R.T. 0.01 min
 Lab File: BE096858.D
 Acq: 6 Jul 2018 18:08

Tgt Ion:278 Resp: 76
 Ion Ratio Lower Upper
 278 100
 139 76.5 17.4 26.0#
 279 84.7 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.001 ng/ul

RT: 26.20 min Scan# 4413

Delta R.T. -0.00 min

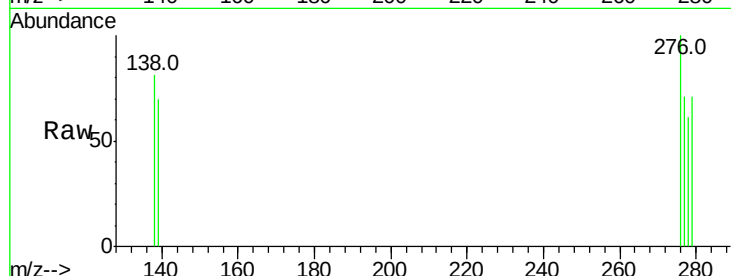
Lab File: BE096858.D

Acq: 6 Jul 2018 18:08

Instrument :

BNA_E

ClientSampleId :



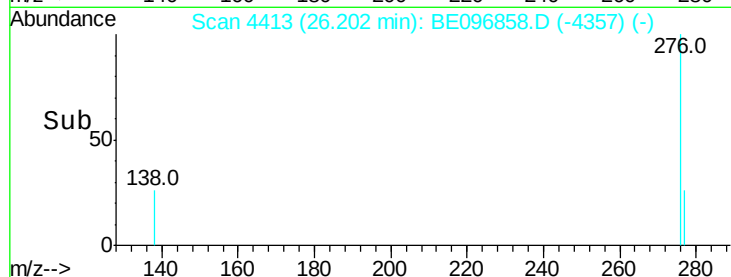
Tot Ion: 276 Resp: 99

Ion Ratio Lower Upper

276 100

138 81.3 21.8 32.8#

277 71.3 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

