

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097235.D
 Acq On : 8 Aug 2018 15:05
 Operator : SJ/JU
 Sample : J4268-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 08 23:26:59 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 08 23:25:58 2018
 Response via : Initial Calibration

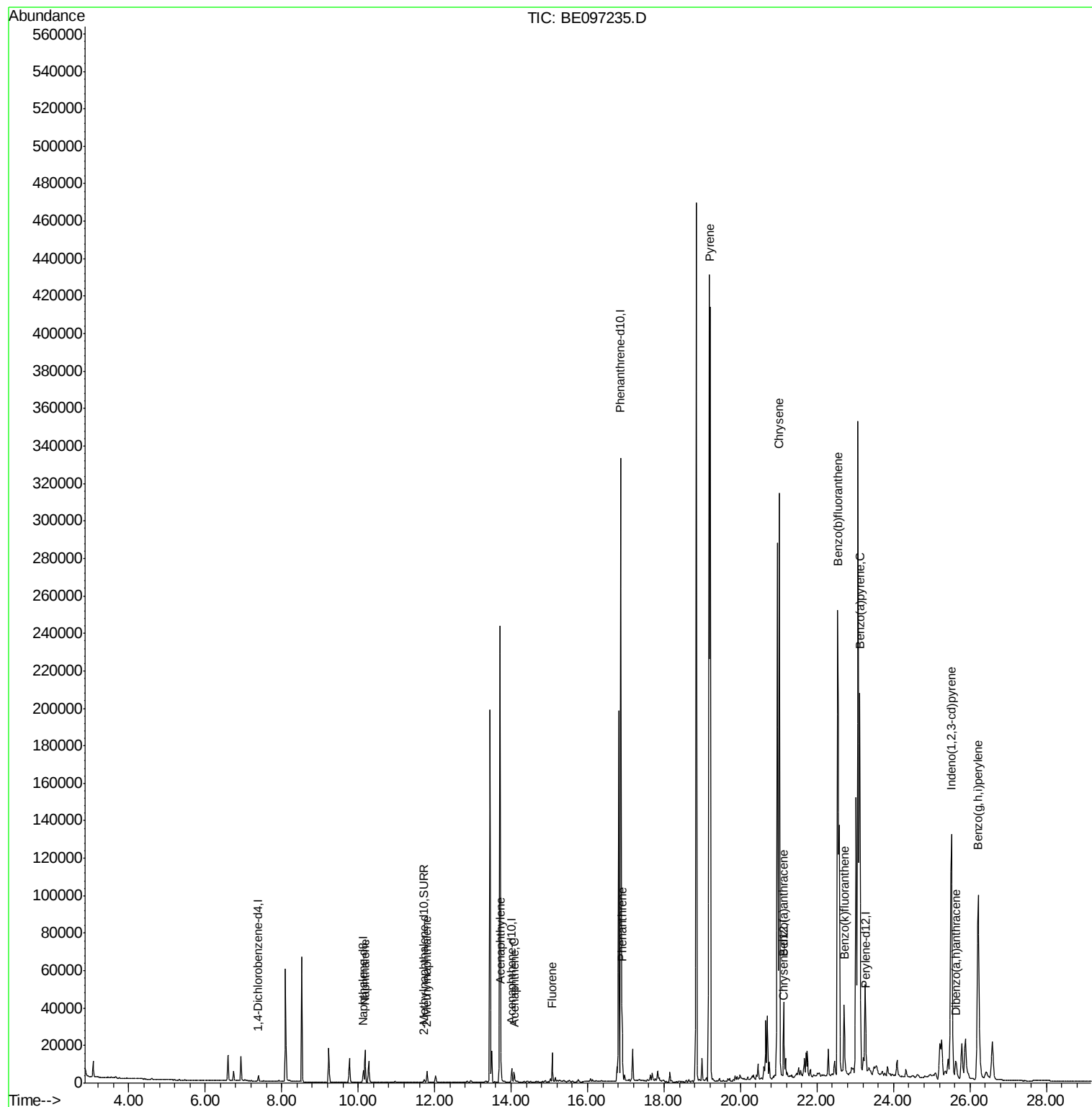
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1205	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6402	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3898	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	370237	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	140	0.40	ng/ul	0.14
20) Perylene-d12	23.29	264	2285	0.40	ng/ul	0.08
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1850	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.91	212	63	0.00	ng/ul	0.10
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	24650	1.590	ng/ul#	91
5) 2-Methylnaphthalene	11.80	142	4863	0.475	ng/ul	97
7) Acenaphthylene	13.73	152	14097	0.836	ng/ul	98
8) Acenaphthene	14.08	153	3119	0.256	ng/ul#	93
9) Fluorene	15.08	166	9282	0.662	ng/ul	94
12) Phenanthrene	16.90	178	39061	0.041	ng/ul#	89
17) Pyrene	19.21	202	443021	1180.956	ng/ul#	80
18) Benzo(a)anthracene	21.13	228	27688	69.211	ng/ul#	50
19) Chrysene	21.01	228	275138	667.420	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	547183	87.860	ng/ul	83
22) Benzo(k)fluoranthene	22.71	252	45354	6.754	ng/ul	94
23) Benzo(a)pyrene	23.12	252	211881	33.999	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.51	276	233582	29.949	ng/ul#	69
25) Dibenzo(a,h)anthracene	25.63	278	15151	2.374	ng/ul	97
26) Benzo(g,h,i)perylene	26.21	276	217970	32.340	ng/ul#	90

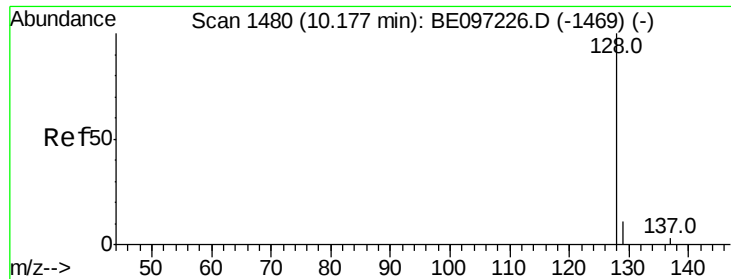
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.590 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097235.D

Acq: 8 Aug 2018 15:05

Instrument :

BNA_E

ClientSampleId :

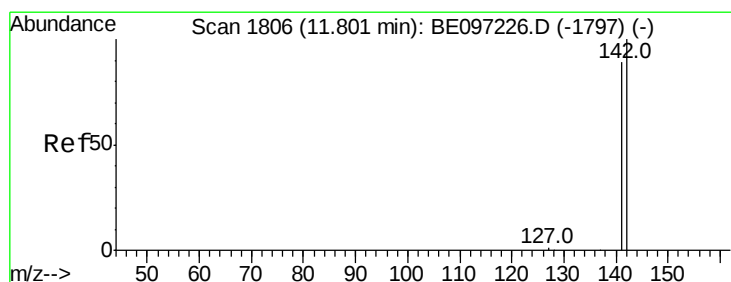
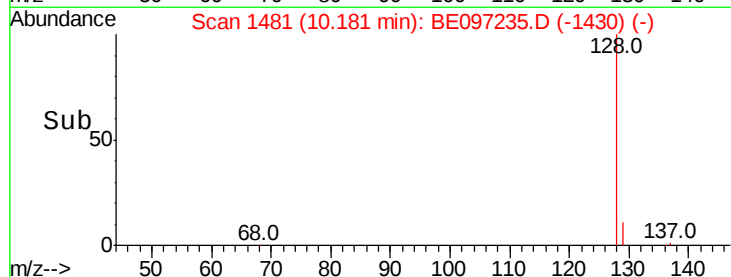
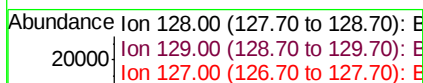
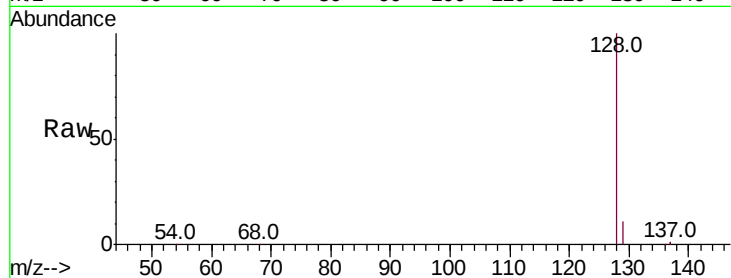
Tot Ion:128 Resp: 24650

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.475 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BE097235.D

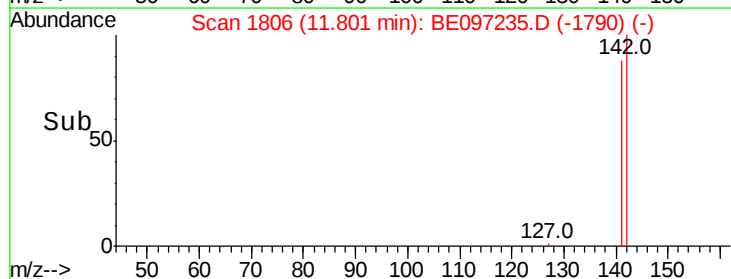
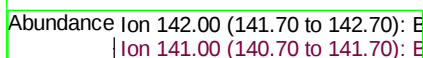
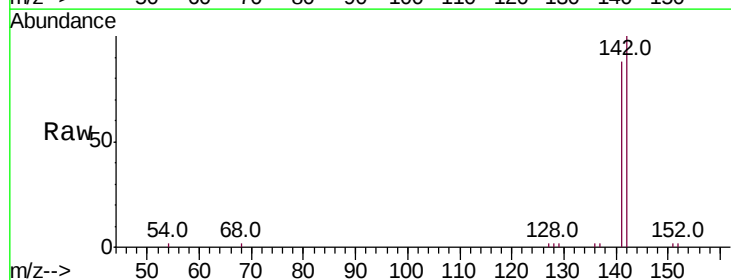
Acq: 8 Aug 2018 15:05

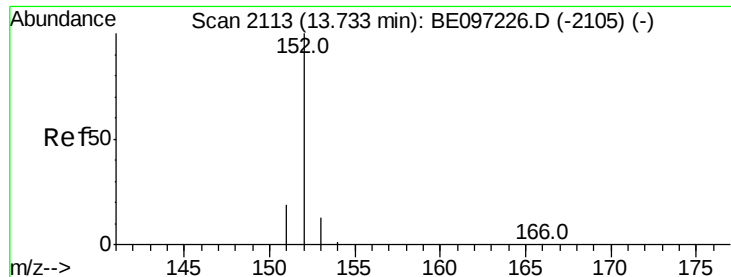
Tgt Ion:142 Resp: 4863

Ion Ratio Lower Upper

142 100

141 87.7 72.6 108.8





#7

Acenaphthylene

Concen: 0.836 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097235.D

Acq: 8 Aug 2018 15:05

Instrument :

BNA_E

ClientSampleId :

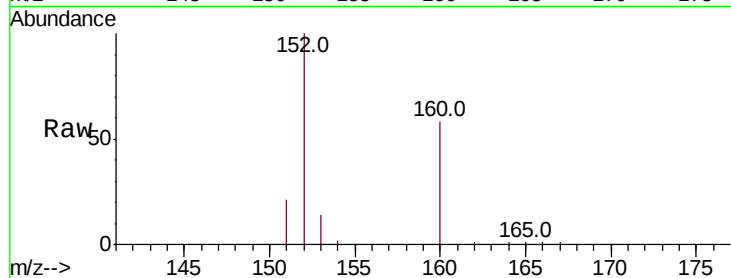
Tot Ion:152 Resp: 14097

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

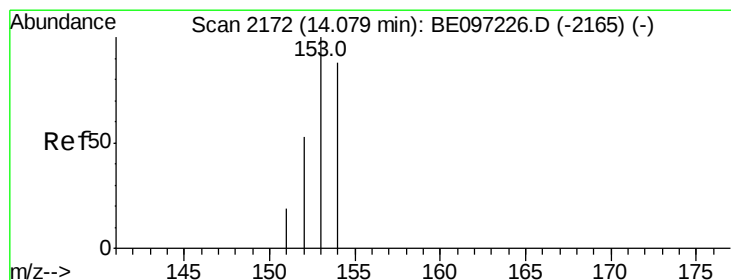
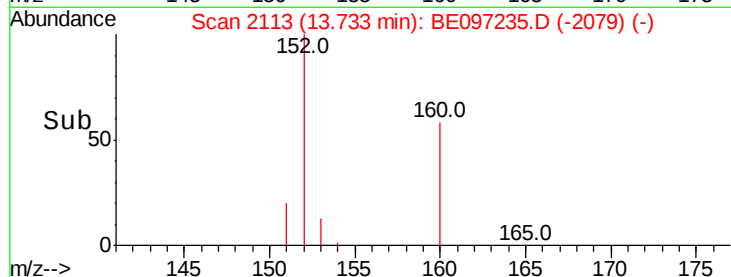
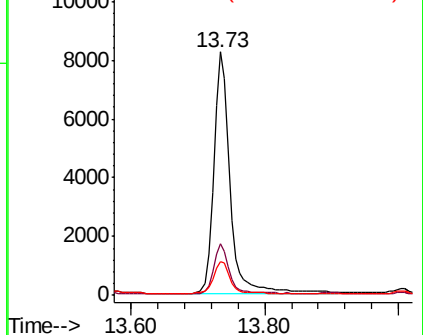
153 14.1 12.8 19.2



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: 0.256 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BE097235.D

Acq: 8 Aug 2018 15:05

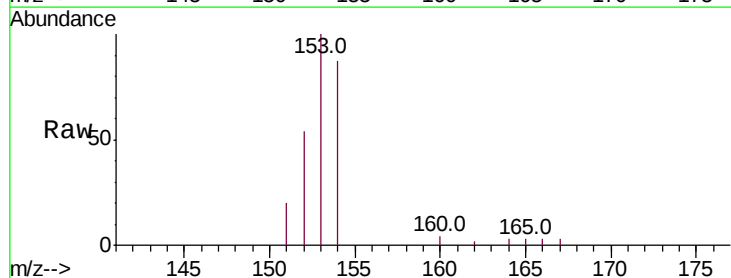
Tgt Ion:153 Resp: 3119

Ion Ratio Lower Upper

153 100

152 54.5 36.0 54.0#

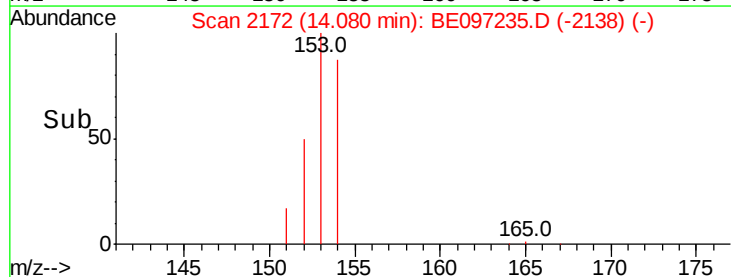
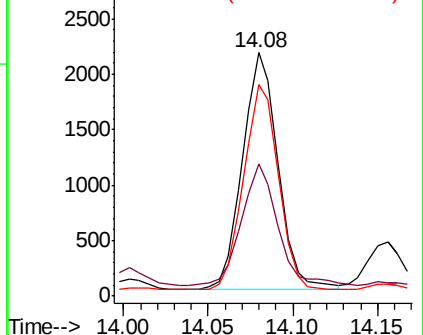
154 86.7 72.0 108.0

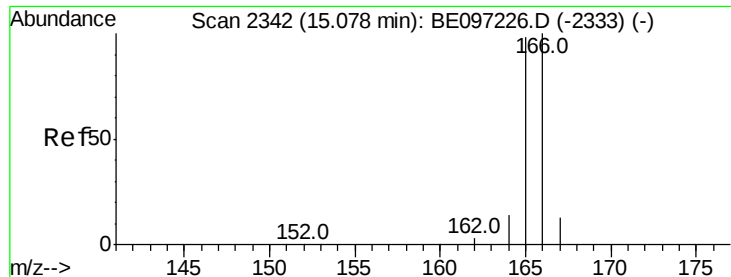


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.662 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BE097235.D

Acq: 8 Aug 2018 15:05

Instrument :

BNA_E

ClientSampleId :

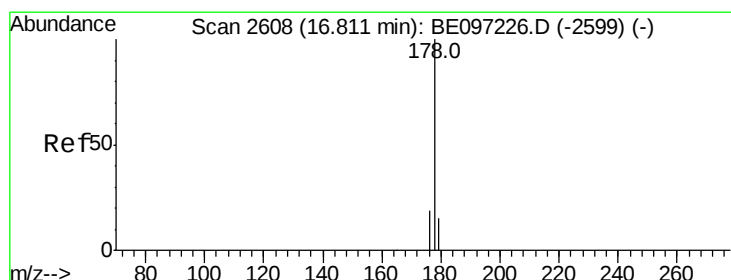
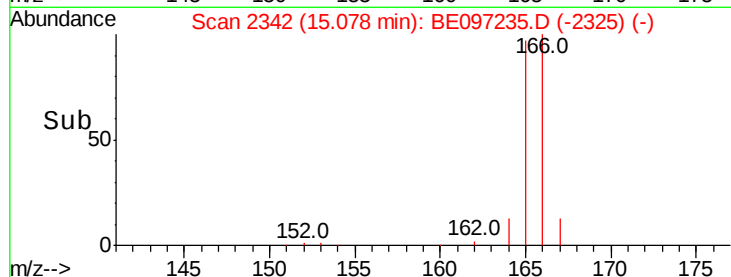
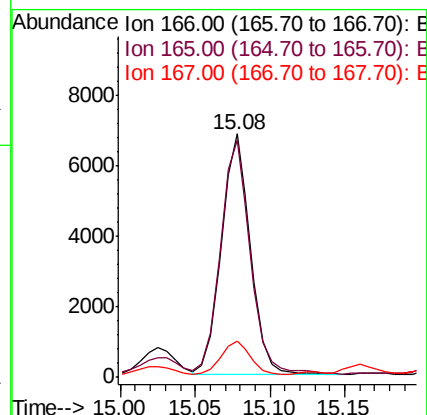
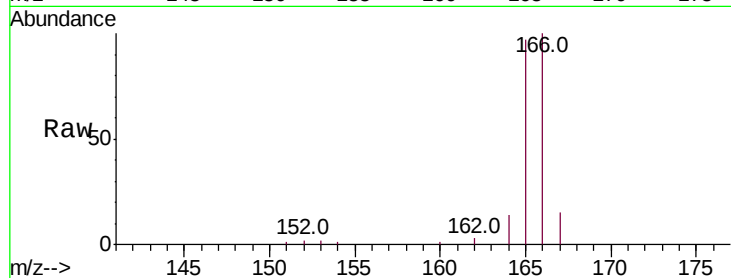
Tot Ion:166 Resp: 9282

Ion Ratio Lower Upper

166 100

165 97.3 73.4 110.2

167 14.8 14.6 22.0



#12

Phenanthrene

Concen: 0.041 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. 0.09 min

Lab File: BE097235.D

Acq: 8 Aug 2018 15:05

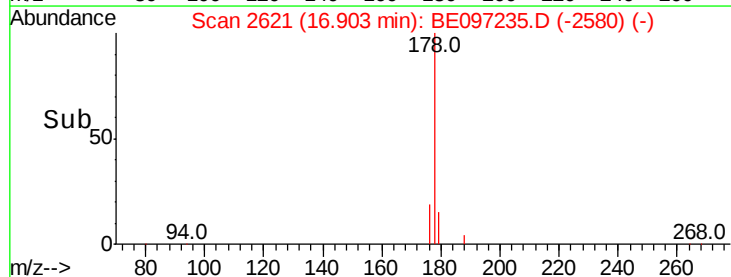
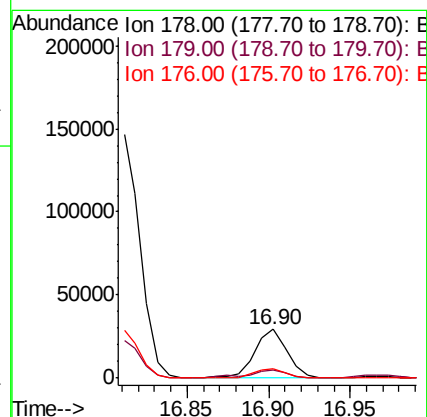
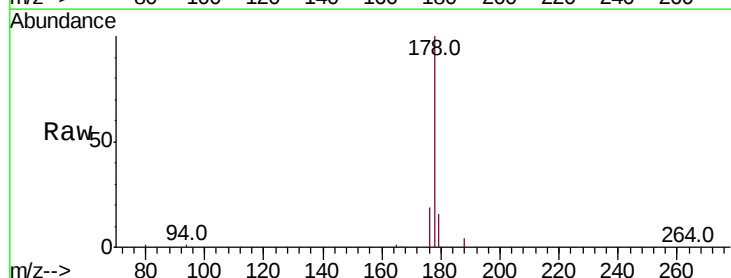
Tgt Ion:178 Resp: 39061

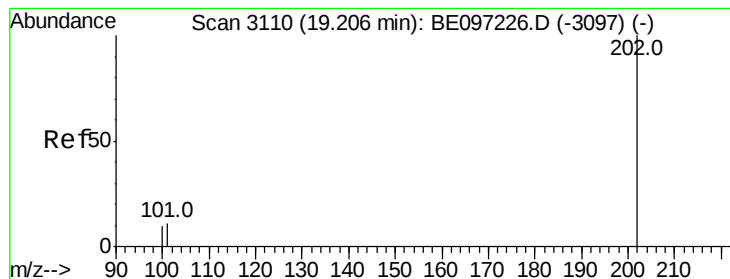
Ion Ratio Lower Upper

178 100

179 15.6 18.4 27.6#

176 18.8 13.6 20.4





#17

Pvrene

Concen: 1180.956 ng/ul

RT: 19.21 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BE097235.D

Acq: 8 Aug 2018 15:05

Instrument :

BNA_E

ClientSampleId :

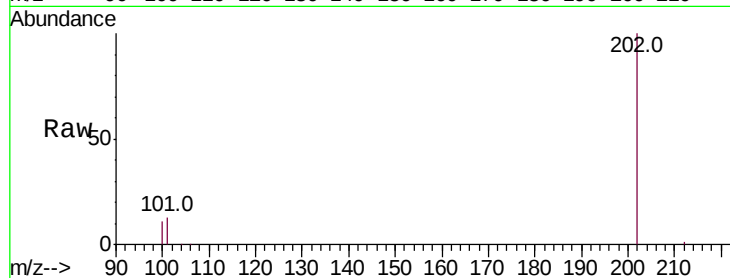
Tot Ion:202 Resp: 443021

Ion Ratio Lower Upper

202 100

101 12.8 18.2 27.4#

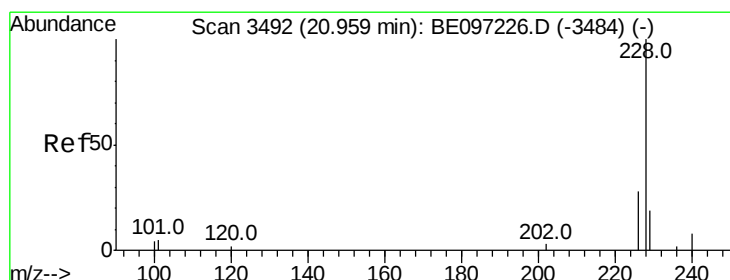
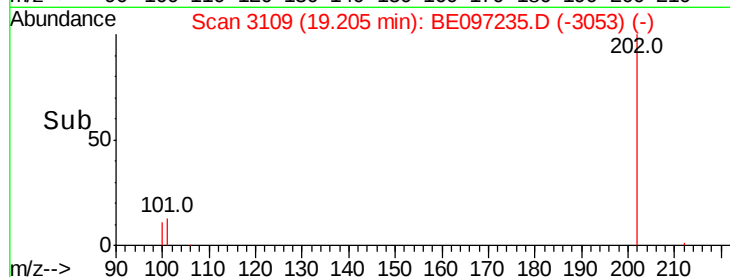
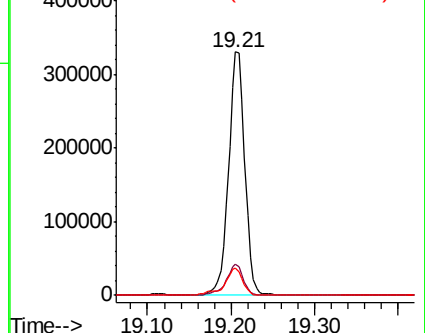
100 11.2 15.6 23.4#



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): BE



#18

Benzo(a)anthracene

Concen: 69.211 ng/ul

RT: 21.13 min Scan# 3523

Delta R.T. 0.17 min

Lab File: BE097235.D

Acq: 8 Aug 2018 15:05

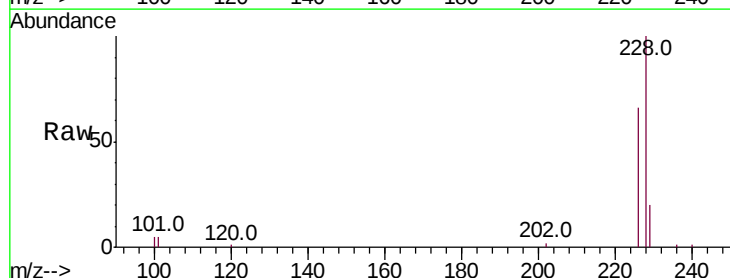
Tgt Ion:228 Resp: 27688

Ion Ratio Lower Upper

228 100

229 19.8 22.8 34.2#

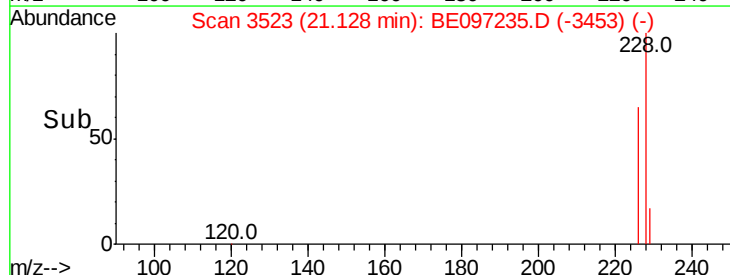
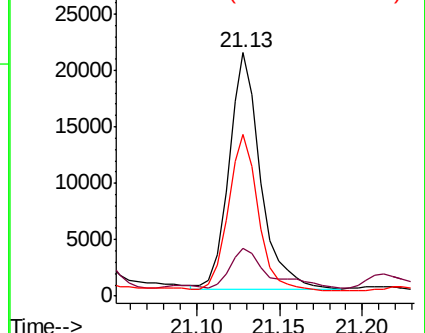
226 66.2 17.0 25.6#

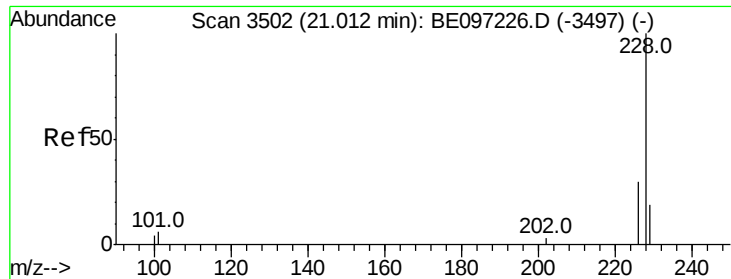


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 667.420 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BE097235.D

Acq: 8 Aug 2018 15:05

Instrument :

BNA_E

ClientSampleId :

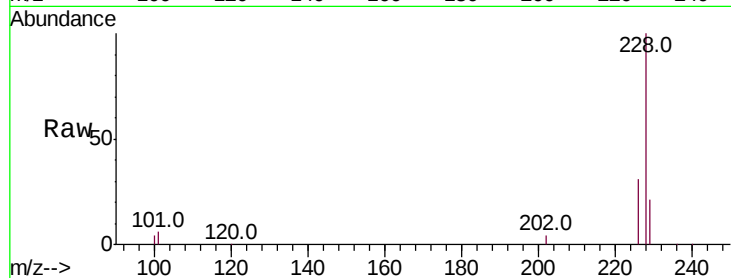
Tot Ion:228 Resp: 275138

Ion Ratio Lower Upper

228 100

226 31.3 23.4 35.0

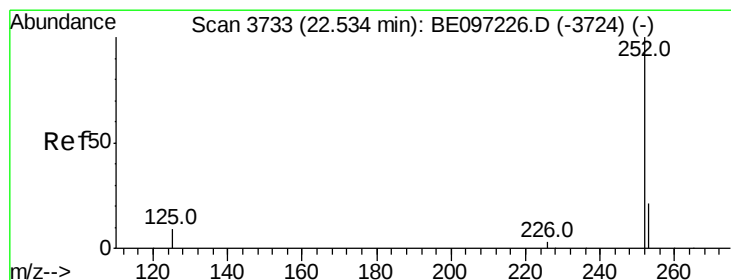
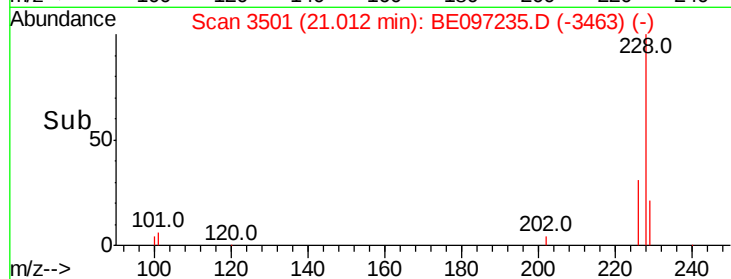
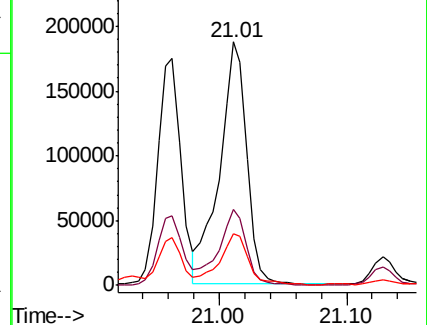
229 21.4 17.7 26.5



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: 87.860 ng/ul

RT: 22.54 min Scan# 3733

Delta R.T. 0.01 min

Lab File: BE097235.D

Acq: 8 Aug 2018 15:05

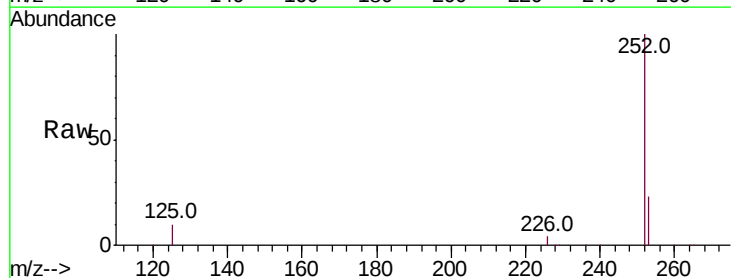
Tgt Ion:252 Resp: 547183

Ion Ratio Lower Upper

252 100

253 22.5 0.0 64.2

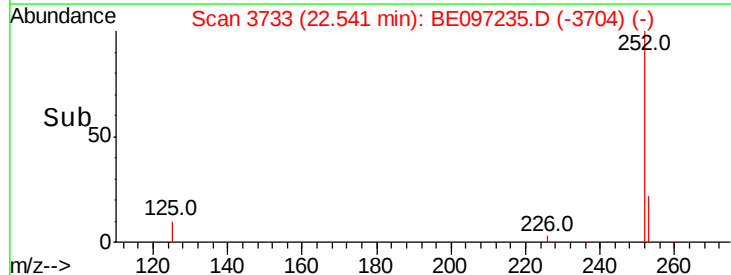
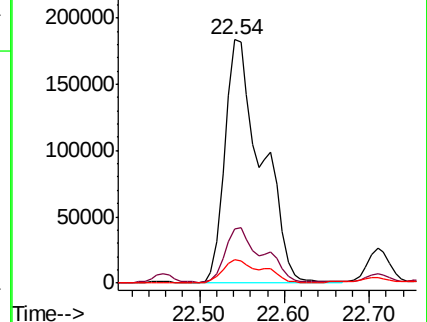
125 9.8 0.0 35.0

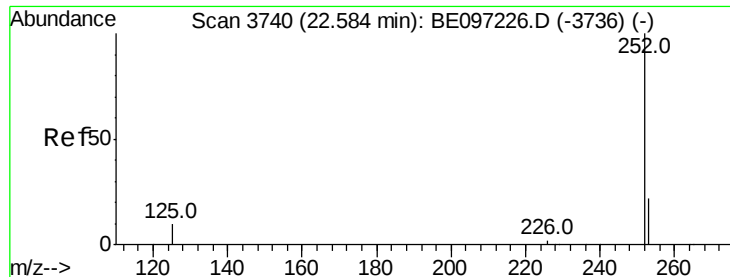


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 6.754 ng/ul

RT: 22.71 min Scan# 3757

Delta R.T. 0.13 min

Lab File: BE097235.D

Acq: 8 Aug 2018 15:05

Instrument :

BNA_E

ClientSampleId :

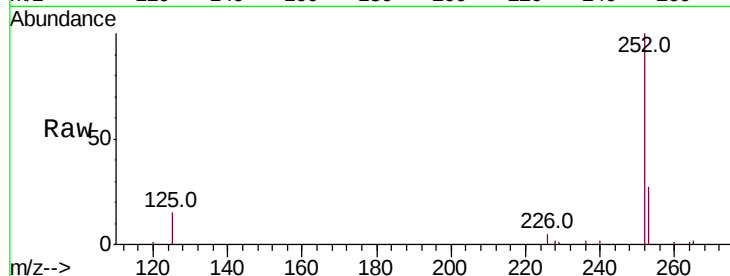
Tot Ion:252 Resp: 45354

Ion Ratio Lower Upper

252 100

253 27.3 24.5 36.7

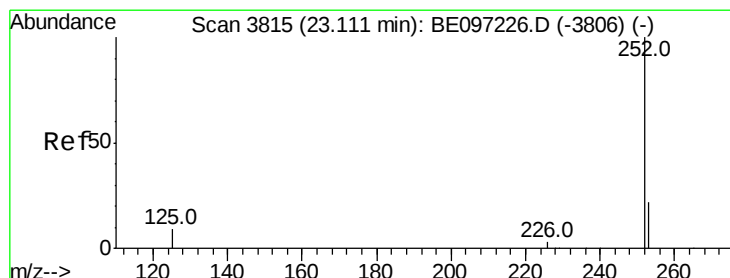
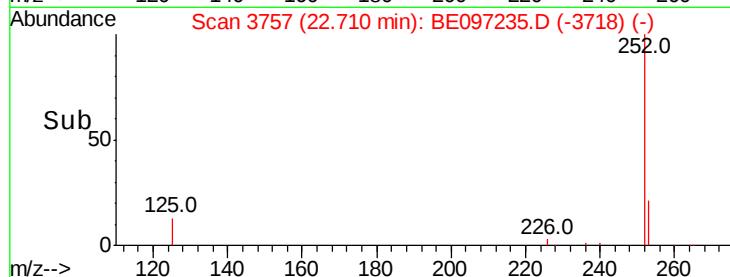
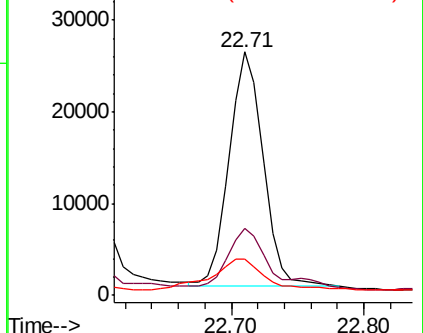
125 15.1 13.7 20.5



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: 33.999 ng/ul

RT: 23.12 min Scan# 3815

Delta R.T. 0.01 min

Lab File: BE097235.D

Acq: 8 Aug 2018 15:05

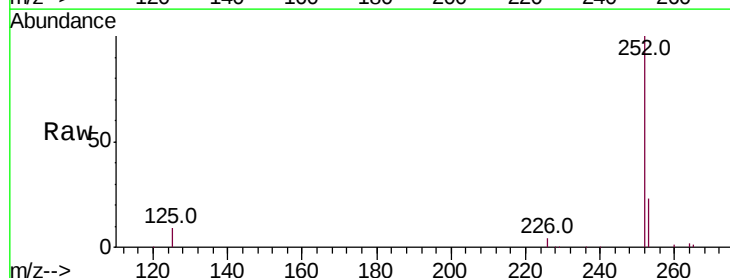
Tgt Ion:252 Resp: 211881

Ion Ratio Lower Upper

252 100

253 22.8 28.5 42.7#

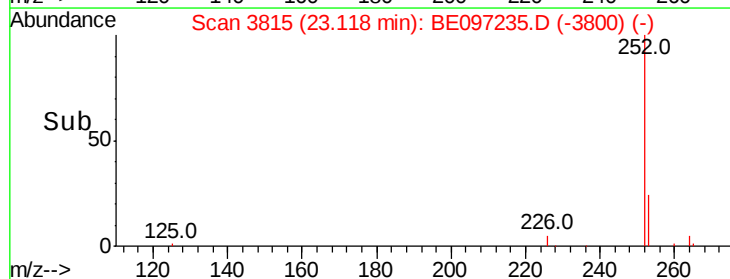
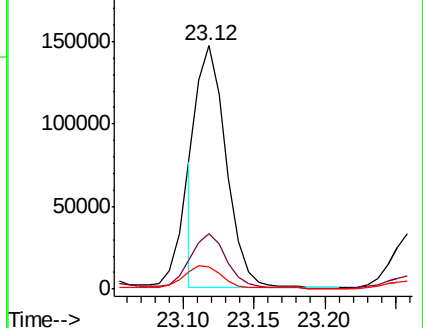
125 9.1 18.1 27.1#

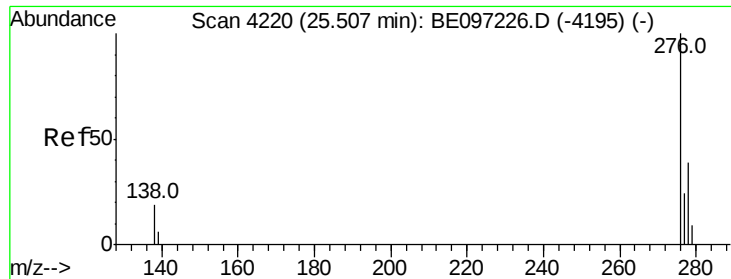


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

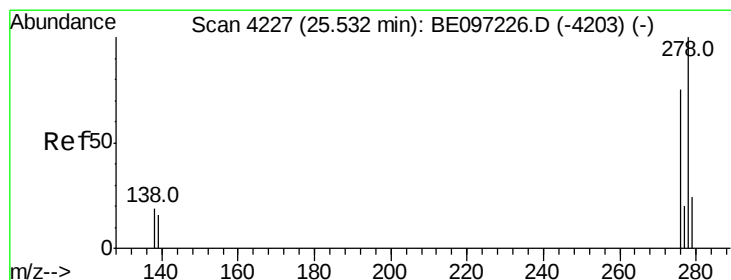
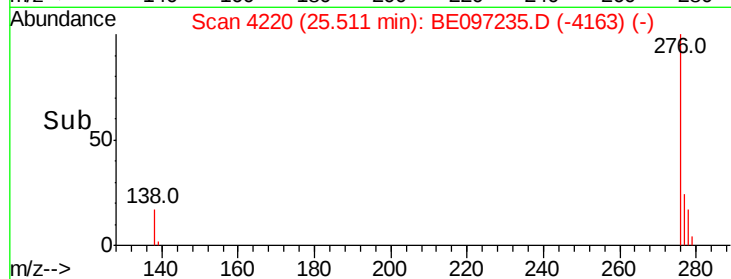
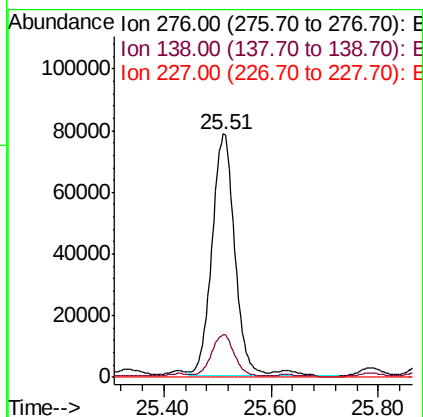
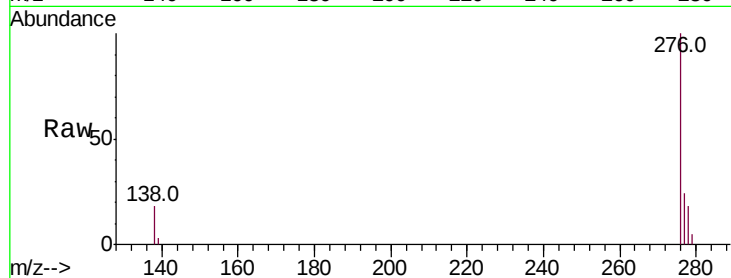




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 29.949 ng/ul
 RT: 25.51 min Scan# 4220
 Delta R.T. 0.00 min
 Lab File: BE097235.D
 Acq: 8 Aug 2018 15:05

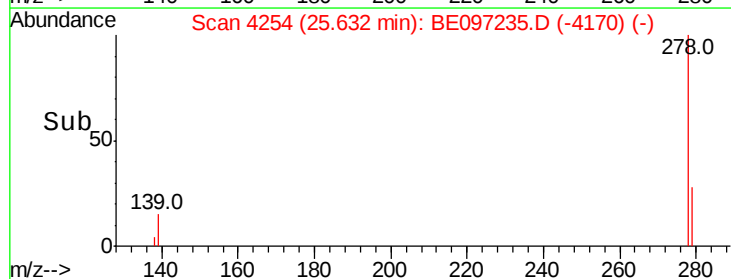
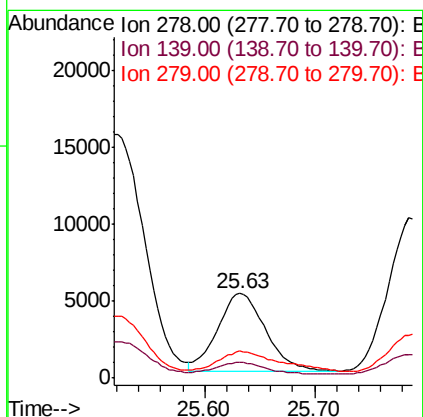
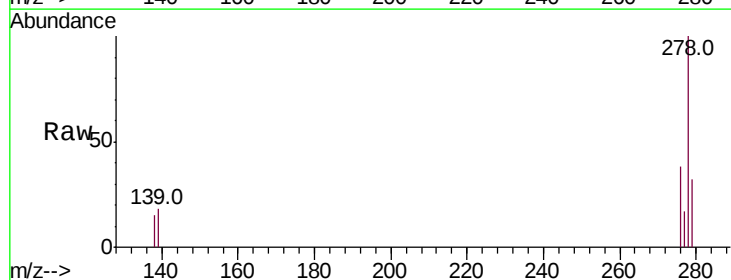
Instrument :
 BNA_E
 ClientSampleId :

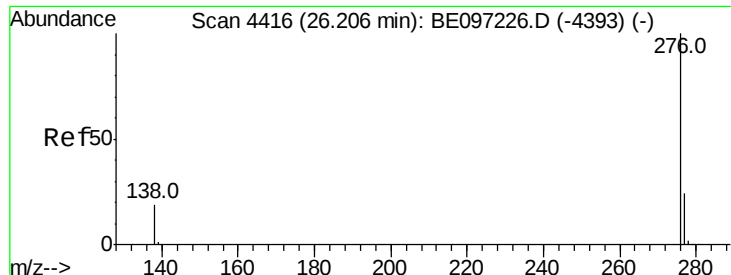
Tot Ion:276 Resp: 233582
 Ion Ratio Lower Upper
 276 100
 138 16.6 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 2.374 ng/ul
 RT: 25.63 min Scan# 4254
 Delta R.T. 0.10 min
 Lab File: BE097235.D
 Acq: 8 Aug 2018 15:05

Tgt Ion:278 Resp: 15151
 Ion Ratio Lower Upper
 278 100
 139 18.4 17.4 26.0
 279 31.9 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 32.340 ng/ul

RT: 26.21 min Scan# 4417

Delta R.T. 0.01 min

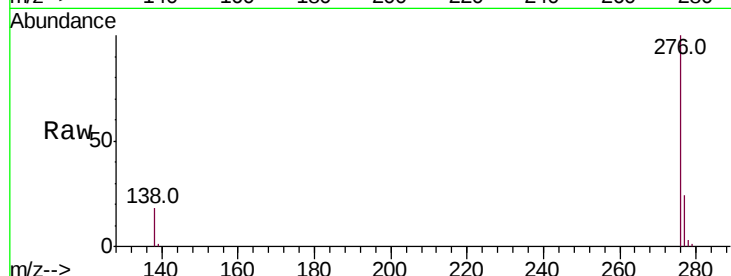
Lab File: BE097235.D

Acq: 8 Aug 2018 15:05

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 217970

Ion Ratio Lower Upper

276 100

138 18.0 21.8 32.8#

277 24.3 20.5 30.7

