

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097182.D
 Acq On : 3 Aug 2018 16:42
 Operator : SJ/JU
 Sample : J4171-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K1

Quant Time: Aug 03 18:06:35 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 : Fri Aug 03 11:26:05 2018
 Response via : Initial Calibration

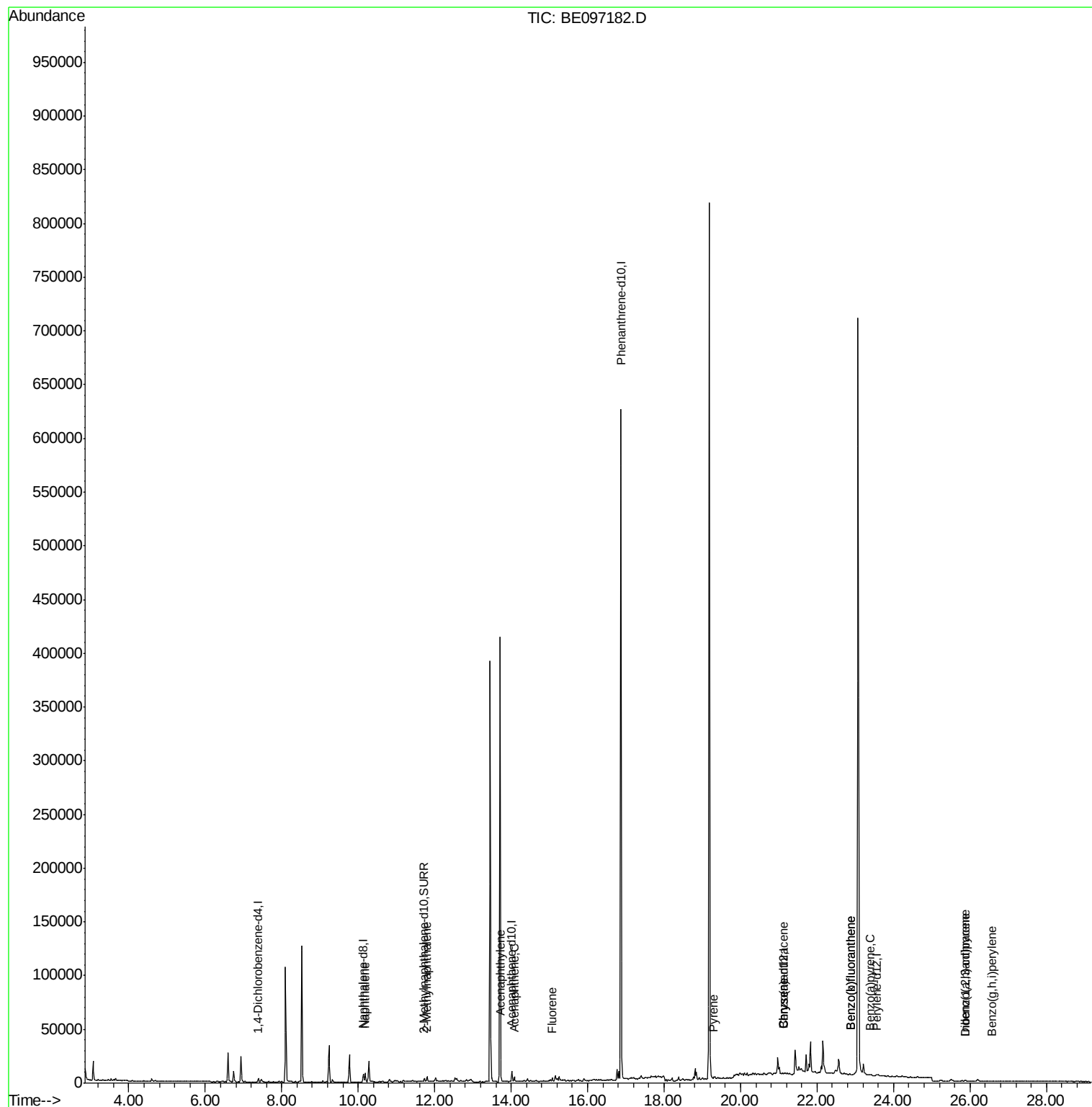
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1405	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7488	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	5089	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	712541	0.40	ng/ul	0.11
16) Chrysene-d12	21.12	240	440	0.40	ng/ul	0.15
20) Perylene-d12	23.54	264	40	0.40	ng/ul	0.33
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3793	0.32	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	447	0.00	ng/ul	0.11
Target Compounds						
					Ovalue	
3) Naphthalene	10.18	128	12262	0.676	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	3951	0.330	ng/ul	99
7) Acenaphthylene	13.74	152	598	0.027	ng/ul#	25
8) Acenaphthene	14.08	153	2676	0.168	ng/ul	93
9) Fluorene	15.08	166	1583	0.087	ng/ul#	79
17) Pyrene	19.30	202	1142	0.969	ng/ul#	31
18) Benzo(a)anthracene	21.13	228	829	0.659	ng/ul#	1
19) Chrysene	21.13	228	829	0.640	ng/ul#	1
21) Benzo(b)fluoranthene	22.89	252	775	7.109	ng/ul#	1
22) Benzo(k)fluoranthene	22.89	252	775	6.593	ng/ul#	1
23) Benzo(a)pyrene	23.41	252	219	2.007	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.88	276	415	3.040	ng/ul#	22
25) Dibenzo(a,h)anthracene	25.87	278	1323	11.842	ng/ul#	9
26) Benzo(g,h,i)perylene	26.58	276	858	7.272	ng/ul#	19

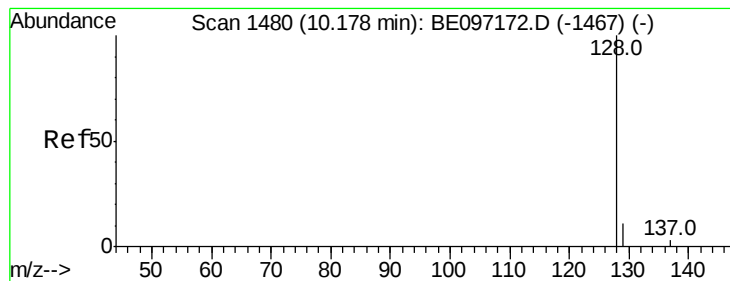
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.676 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097182.D

Acq: 3 Aug 2018 16:42

Instrument :

BNA_E

ClientSampleId :

JJ1K1

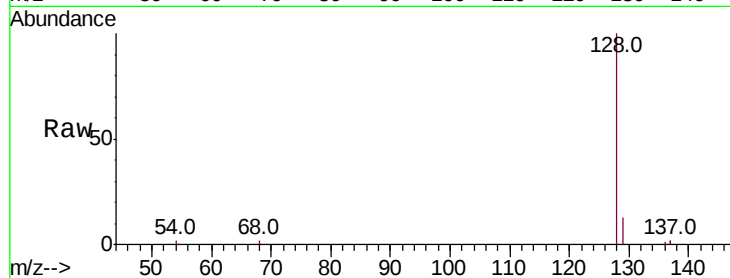
Tot Ion:128 Resp: 12262

Ion Ratio Lower Upper

128 100

129 12.6 11.3 16.9

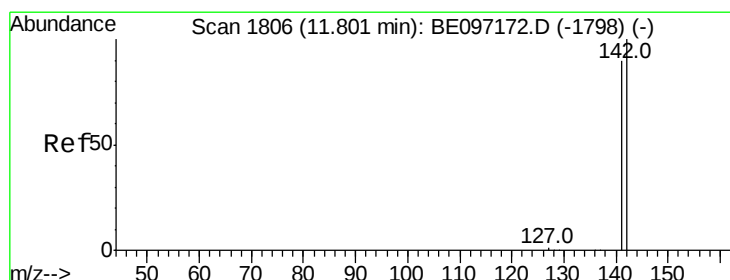
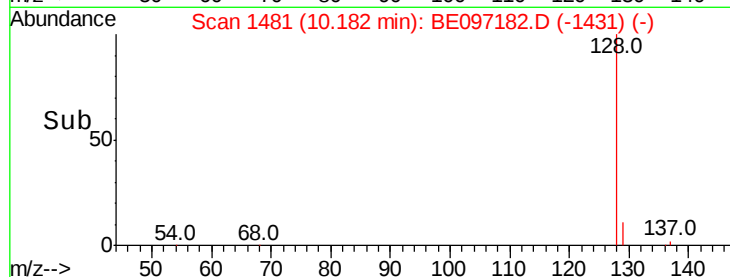
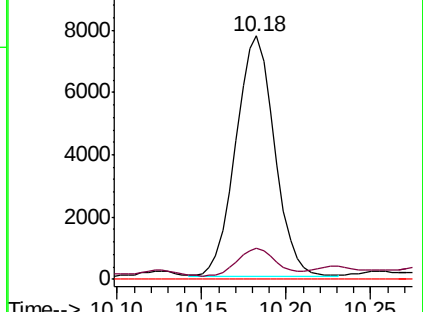
127 0.0 4.0 6.0#



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: 0.330 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BE097182.D

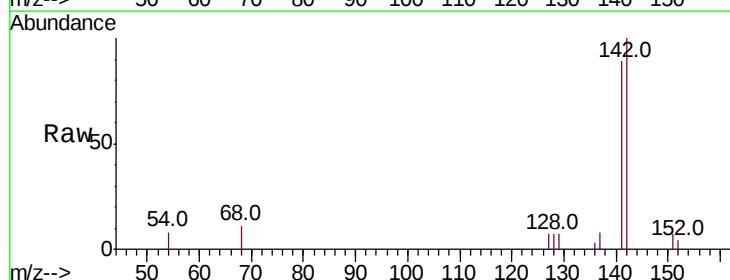
Acq: 3 Aug 2018 16:42

Tgt Ion:142 Resp: 3951

Ion Ratio Lower Upper

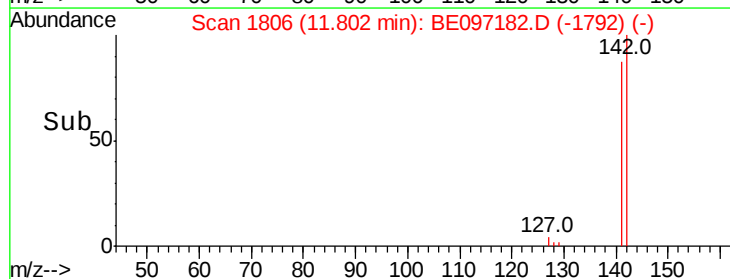
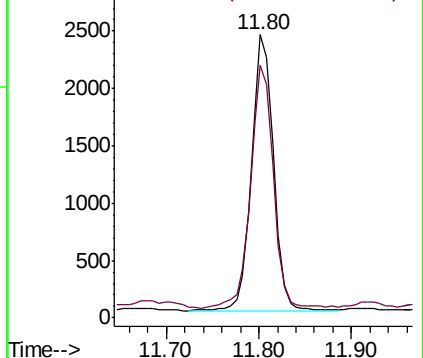
142 100

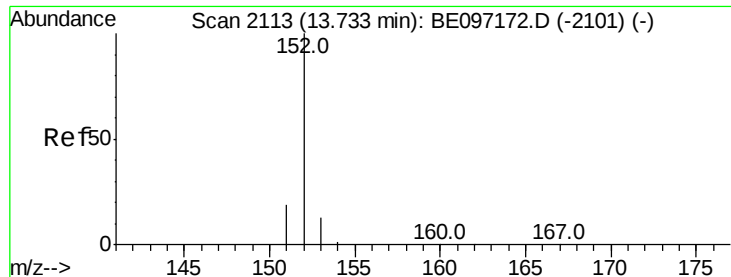
141 91.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 13.74 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097182.D

Acq: 3 Aug 2018 16:42

Instrument :

BNA_E

ClientSampled :

JJ1K1

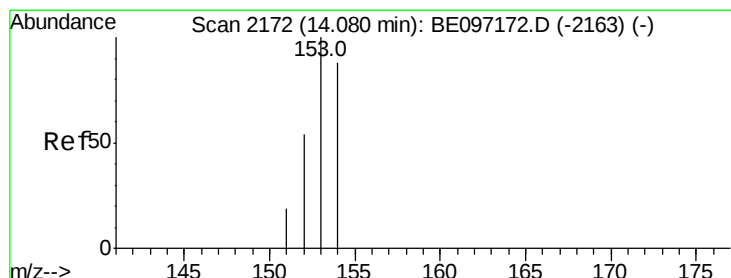
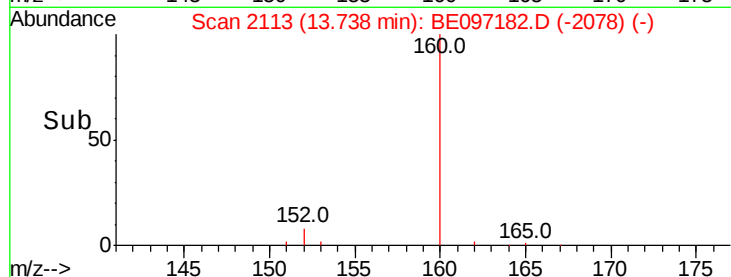
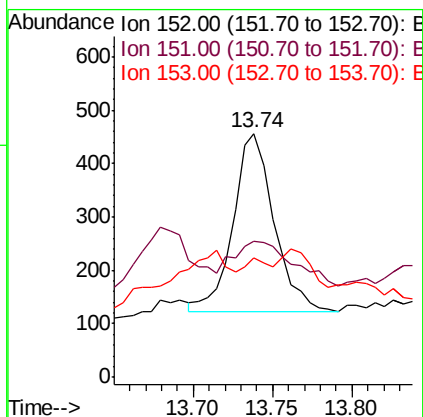
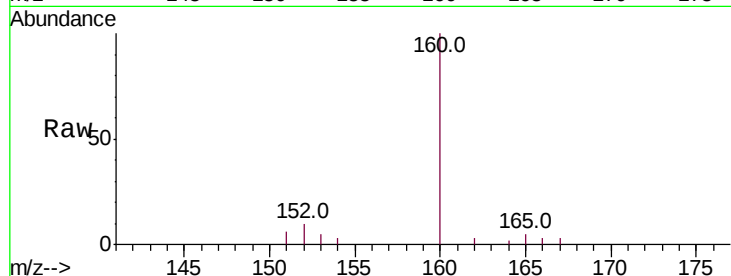
Tot Ion:152 Resp: 598

Ion Ratio Lower Upper

152 100

151 55.7 17.1 25.7#

153 48.9 12.8 19.2#



#8

Acenaphthene

Concen: 0.168 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BE097182.D

Acq: 3 Aug 2018 16:42

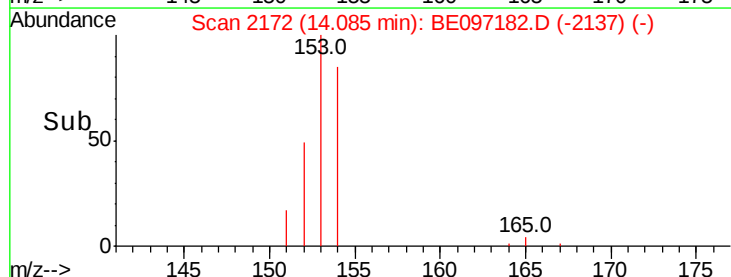
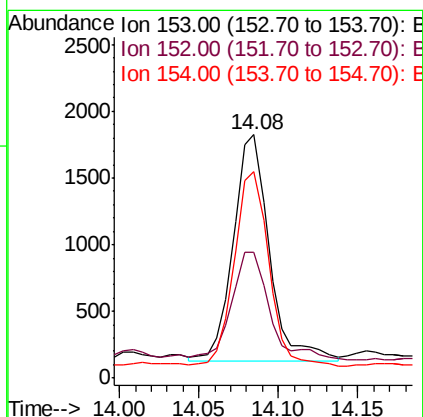
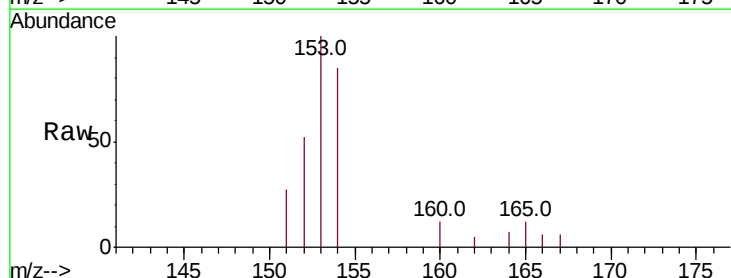
Tgt Ion:153 Resp: 2676

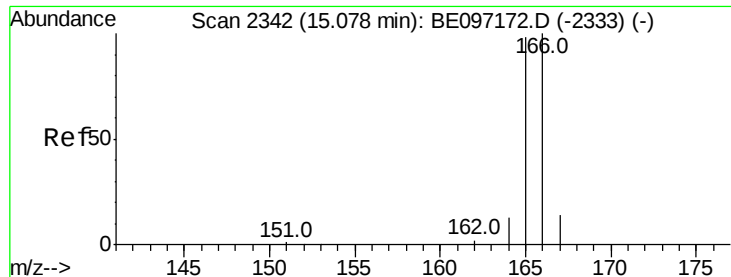
Ion Ratio Lower Upper

153 100

152 51.7 36.0 54.0

154 84.7 72.0 108.0





#9

Fluorene

Concen: 0.087 ng/ul

RT: 15.08 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BE097182.D

Acq: 3 Aug 2018 16:42

Instrument :

BNA_E

ClientSampleId :

JJ1K1

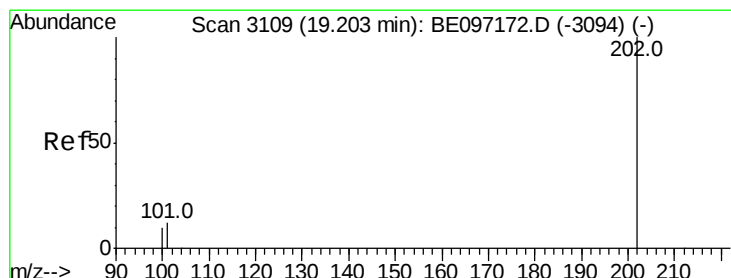
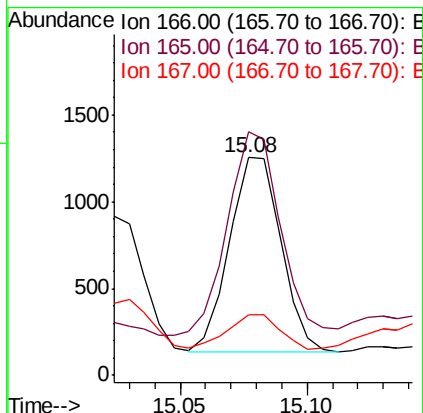
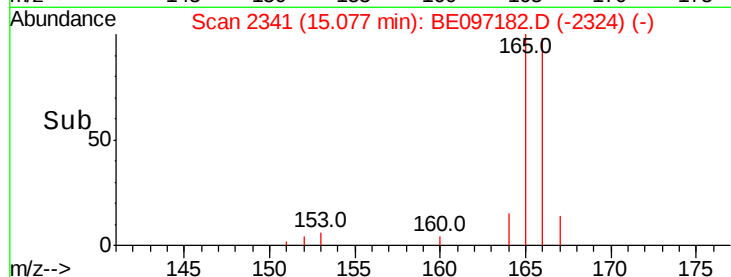
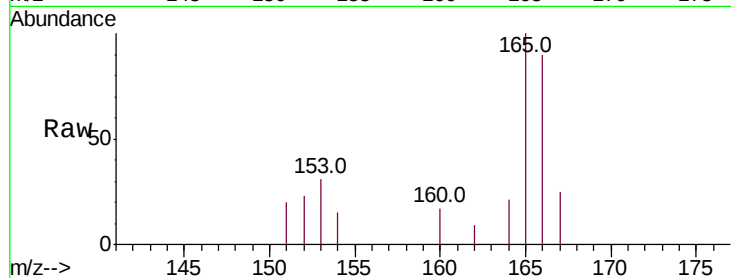
Tot Ion:166 Resp: 1583

Ion Ratio Lower Upper

166 100

165 111.7 73.4 110.2#

167 28.0 14.6 22.0#



#17

Pyrene

Concen: 0.969 ng/ul

RT: 19.30 min Scan# 3135

Delta R.T. 0.10 min

Lab File: BE097182.D

Acq: 3 Aug 2018 16:42

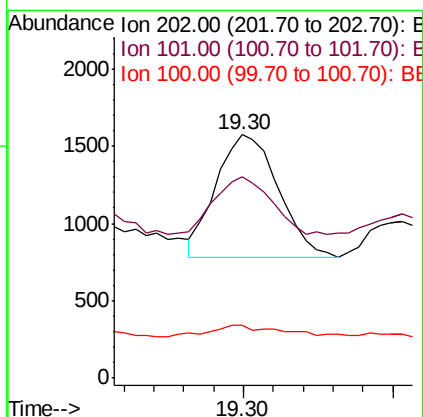
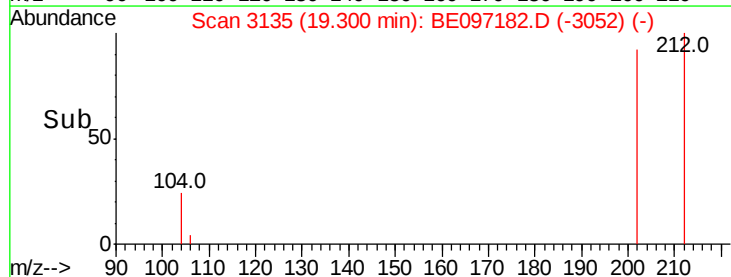
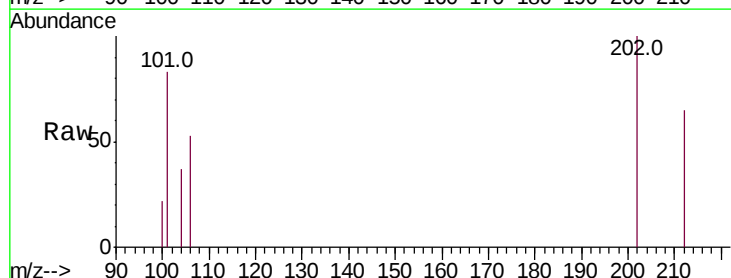
Tgt Ion:202 Resp: 1142

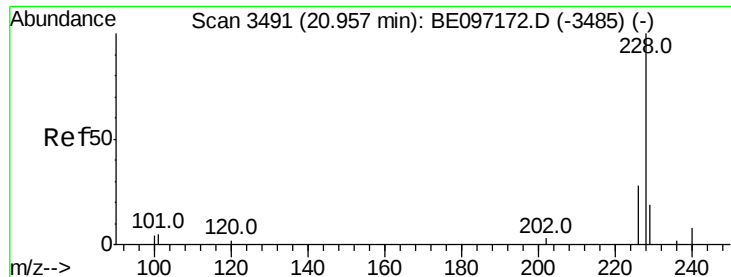
Ion Ratio Lower Upper

202 100

101 82.5 18.2 27.4#

100 21.7 15.6 23.4





#18

Benzo(a)anthracene

Concen: 0.659 ng/ul

RT: 21.13 min Scan# 3523

Delta R.T. 0.18 min

Lab File: BE097182.D

Acq: 3 Aug 2018 16:42

Instrument :

BNA_E

ClientSampleId :

JJ1K1

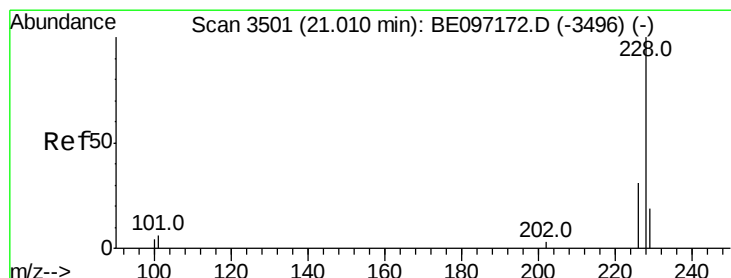
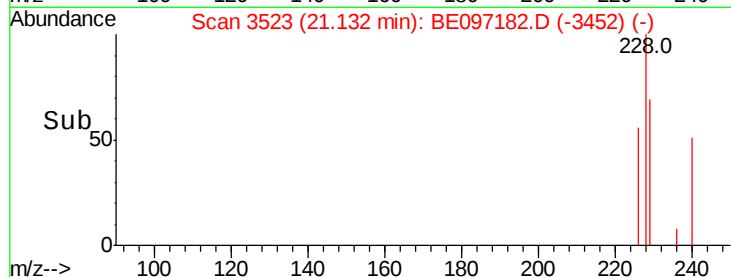
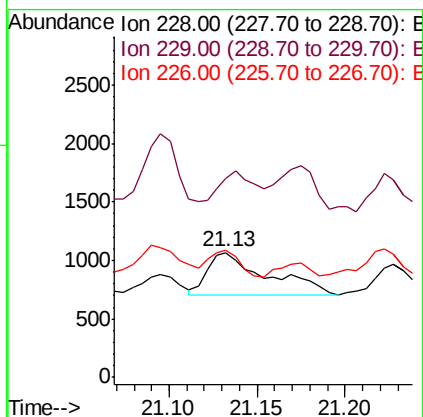
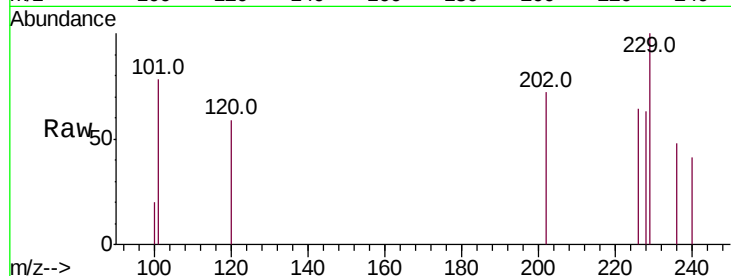
Tot Ion:228 Resp: 829

Ion Ratio Lower Upper

228 100

229 159.3 22.8 34.2#

226 102.0 17.0 25.6#



#19

Chrysene

Concen: 0.640 ng/ul

RT: 21.13 min Scan# 3523

Delta R.T. 0.12 min

Lab File: BE097182.D

Acq: 3 Aug 2018 16:42

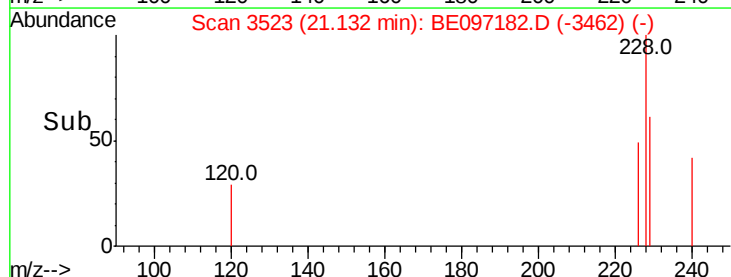
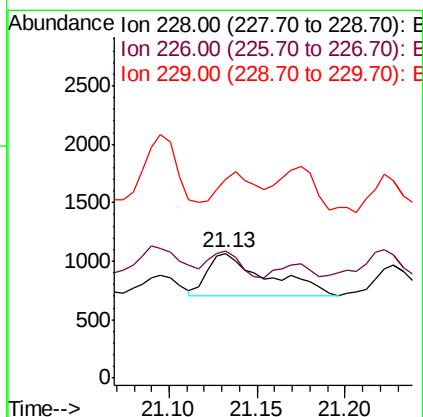
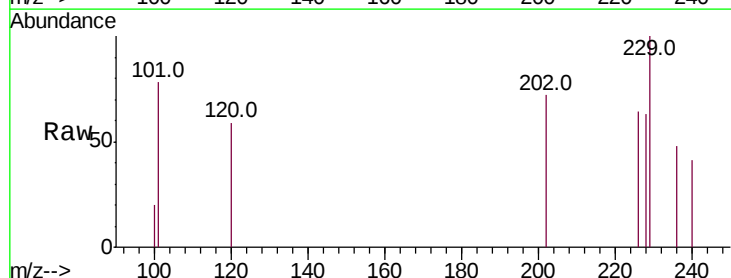
Tgt Ion:228 Resp: 829

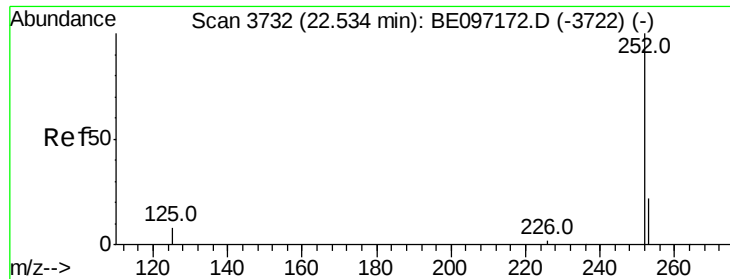
Ion Ratio Lower Upper

228 100

226 102.0 23.4 35.0#

229 159.3 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 7.109 ng/ul

RT: 22.89 min Scan# 3781

Delta R.T. 0.35 min

Lab File: BE097182.D

Acq: 3 Aug 2018 16:42

Instrument :

BNA_E

ClientSampleId :

JJ1K1

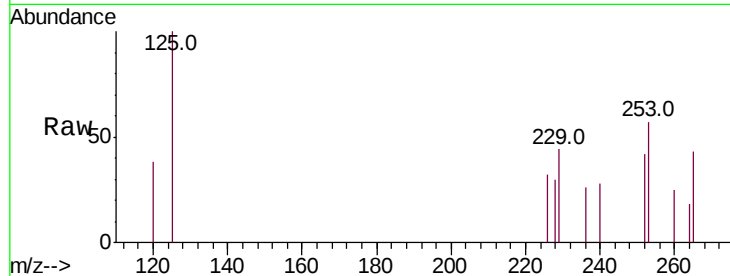
Tot Ion:252 Resp: 775

Ion Ratio Lower Upper

252 100

253 136.6 0.0 64.2#

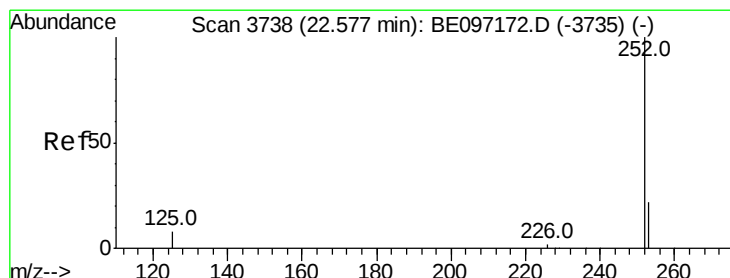
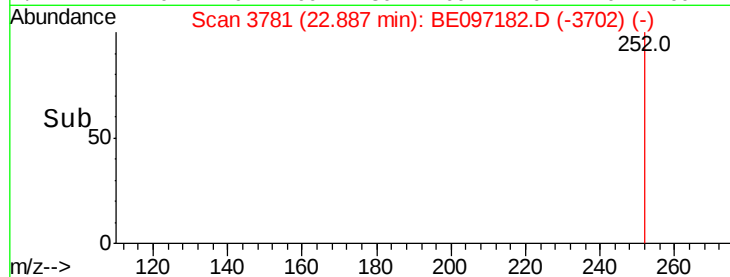
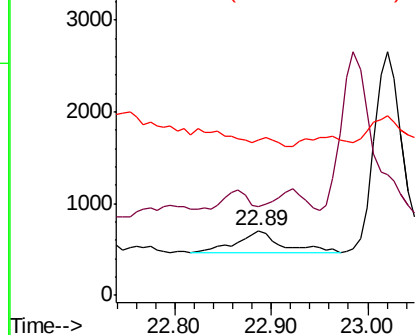
125 240.9 0.0 35.0#



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: 6.593 ng/ul

RT: 22.89 min Scan# 3781

Delta R.T. 0.31 min

Lab File: BE097182.D

Acq: 3 Aug 2018 16:42

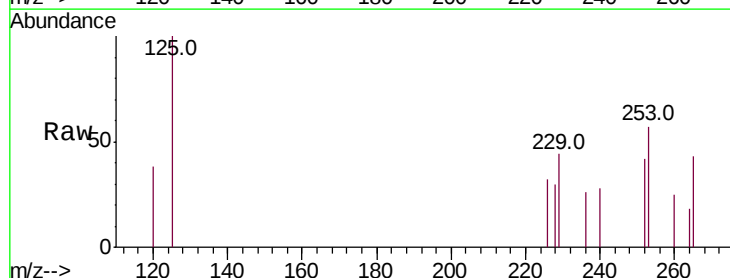
Tgt Ion:252 Resp: 775

Ion Ratio Lower Upper

252 100

253 136.6 24.5 36.7#

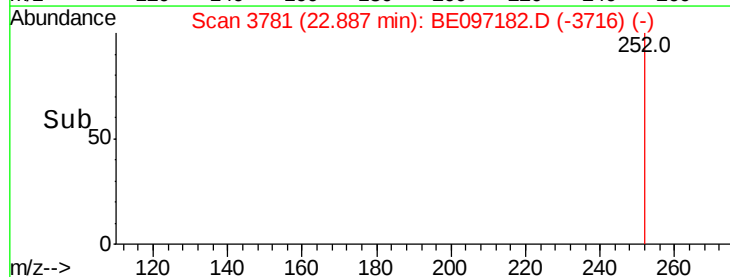
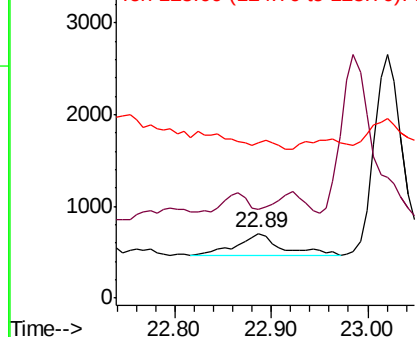
125 240.9 13.7 20.5#

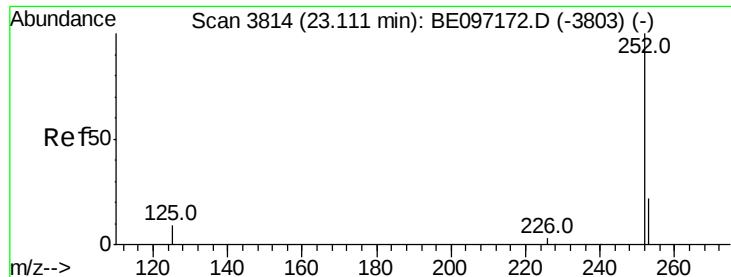


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 2.007 ng/ul

RT: 23.41 min Scan# 3855

Delta R.T. 0.30 min

Lab File: BE097182.D

Acq: 3 Aug 2018 16:42

Instrument :

BNA_E

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JJ1K1

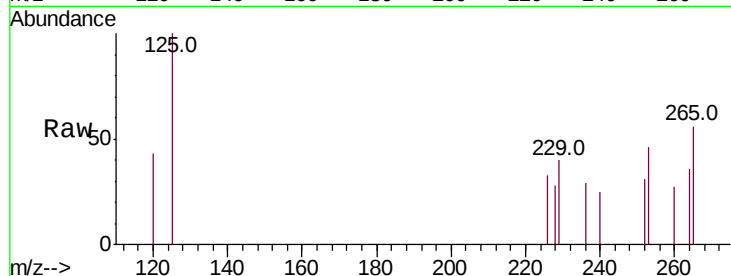
Tot Ion:252 Resp: 219

Ion Ratio Lower Upper

252 100

253 147.3 28.5 42.7#

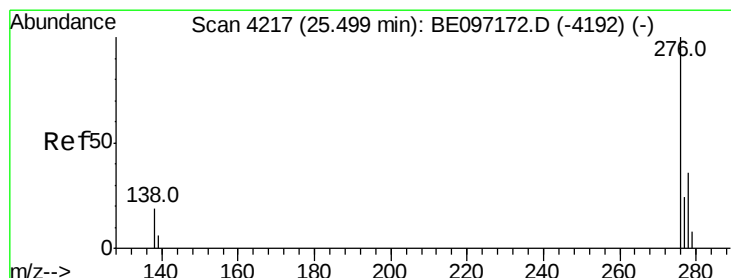
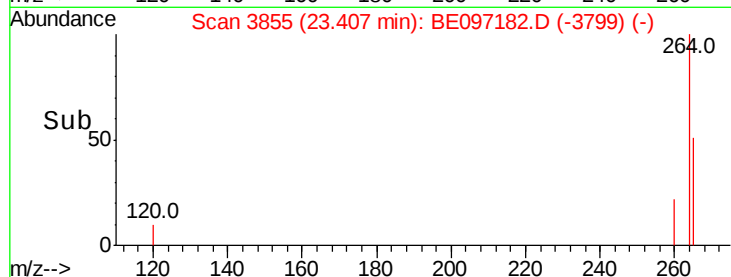
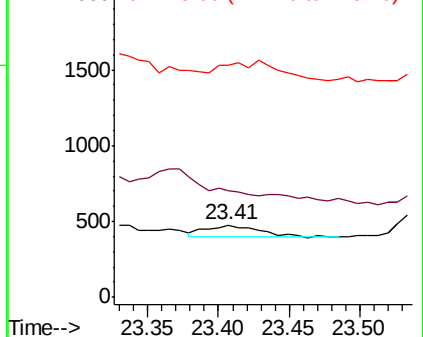
125 321.2 18.1 27.1#



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: 3.040 ng/ul

RT: 25.88 min Scan# 4323

Delta R.T. 0.37 min

Lab File: BE097182.D

Acq: 3 Aug 2018 16:42

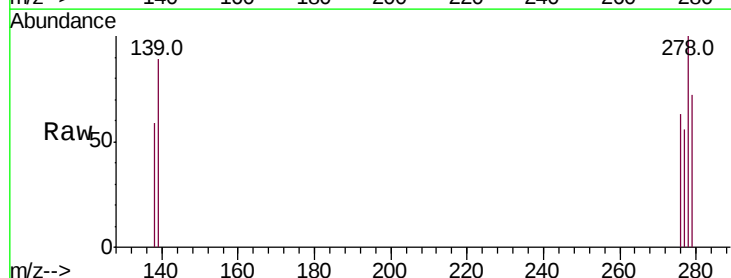
Tgt Ion:276 Resp: 415

Ion Ratio Lower Upper

276 100

138 88.9 28.0 42.0#

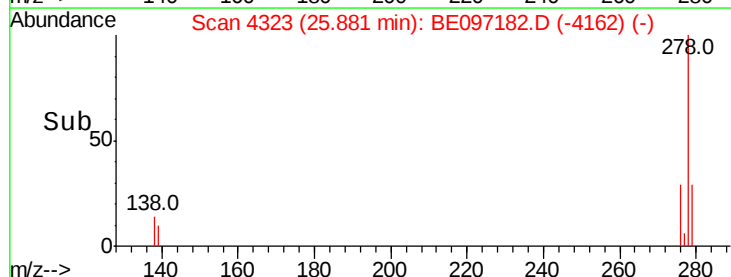
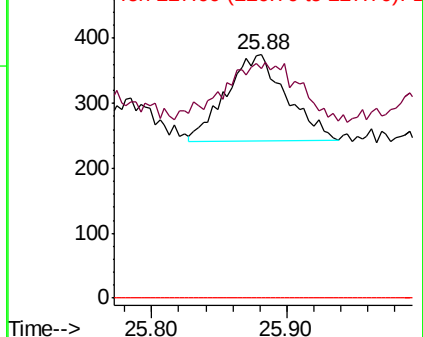
227 0.0 8.0 12.0#

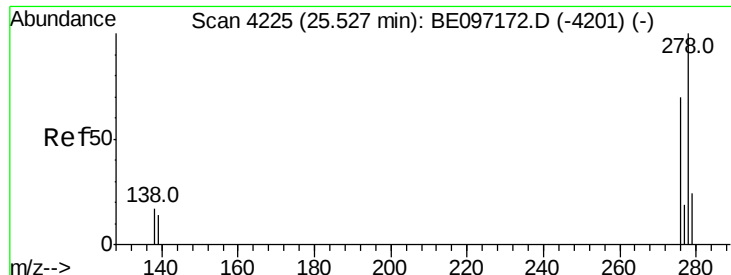


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

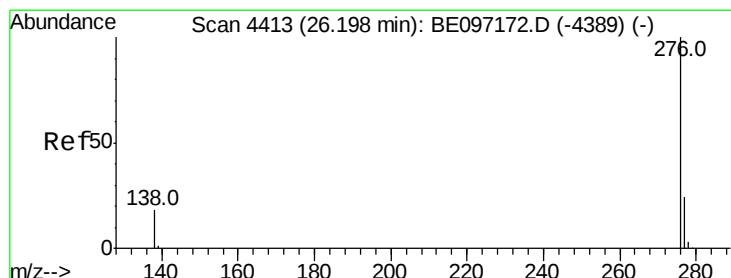
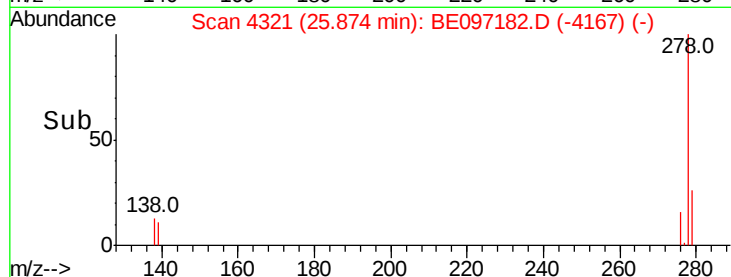
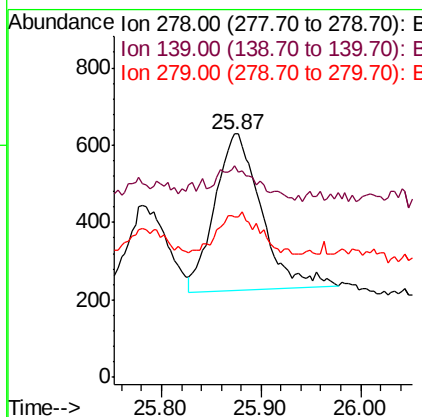
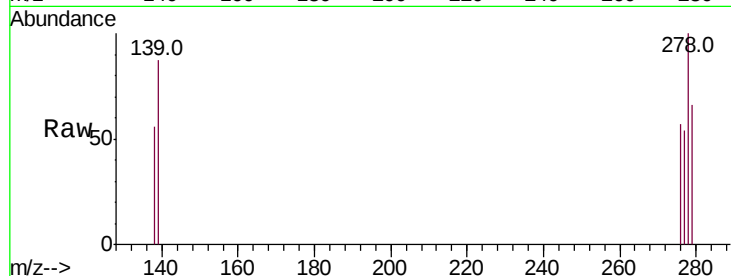




#25
Dibenzo(a,h)anthracene
Concen: 11.842 ng/ul
RT: 25.87 min Scan# 4321
Delta R.T. 0.35 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Instrument :
BNA_E
ClientSampleId :
JJ1K1

Tot Ion:278 Resp: 1323
Ion Ratio Lower Upper
278 100
139 86.8 17.4 26.0#
279 65.7 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 7.272 ng/ul
RT: 26.58 min Scan# 4520
Delta R.T. 0.38 min
Lab File: BE097182.D
Acq: 3 Aug 2018 16:42

Tgt Ion:276 Resp: 858
Ion Ratio Lower Upper
276 100
138 66.8 21.8 32.8#
277 69.6 20.5 30.7#

