

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097180.D
 Acq On : 3 Aug 2018 14:16
 Operator : SJ/JU
 Sample : J4172-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0D04

Quant Time: Aug 03 16:10:37 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

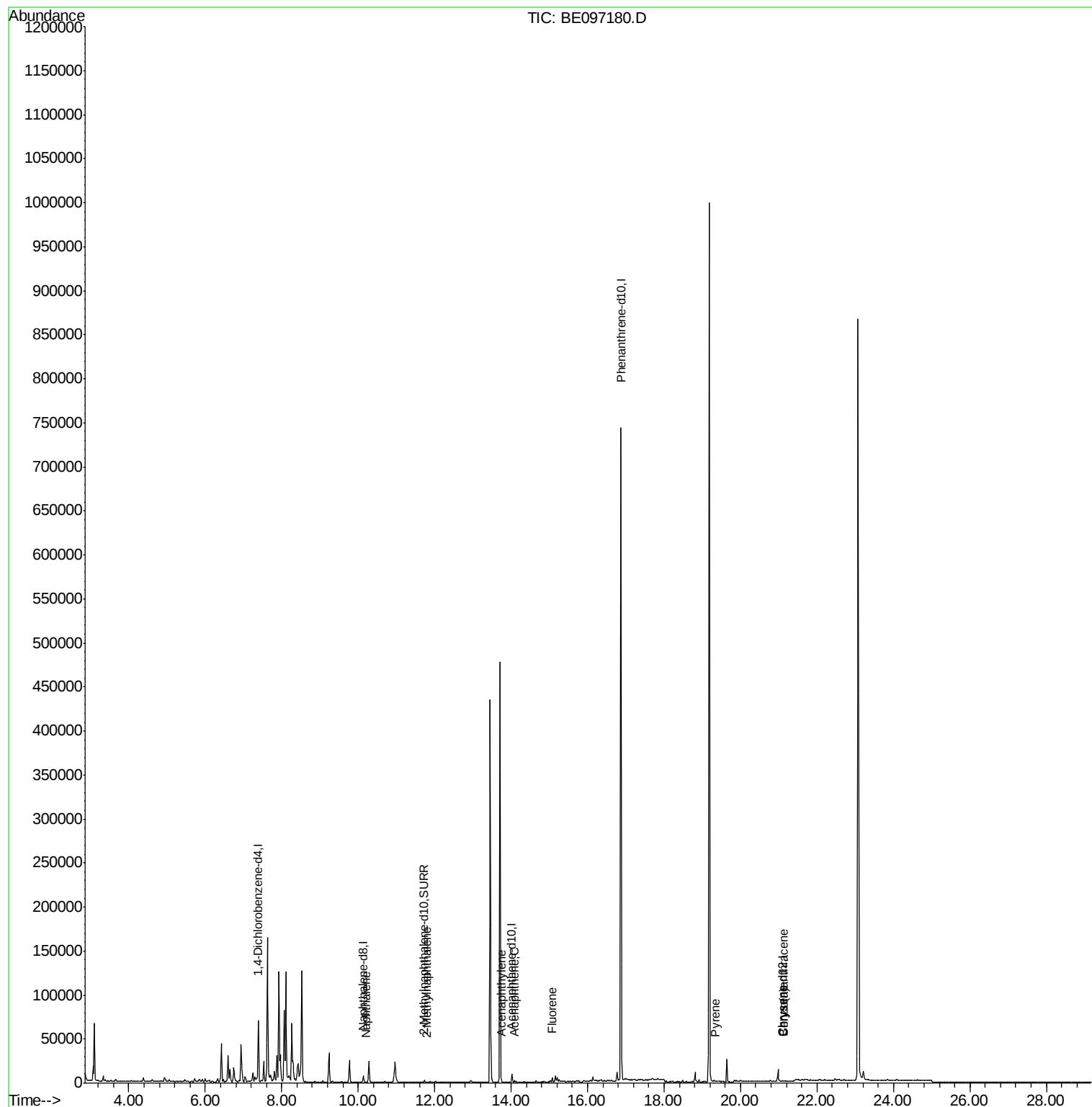
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1476	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7677	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	5139	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	848983	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	32	0.40	ng/ul	0.14
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.21
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3717	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	263	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	572	0.031	ng/ul#	52
5) 2-Methylnaphthalene	11.80	142	271	0.022	ng/ul#	78
7) Acenaphthylene	13.75	152	742	0.033	ng/ul#	50
8) Acenaphthene	14.08	153	1157	0.072	ng/ul#	93
9) Fluorene	15.08	166	2502	0.135	ng/ul#	86
17) Pyrene	19.35	202	182	2.123	ng/ul#	59
18) Benzo(a)anthracene	21.13	228	202	2.209	ng/ul#	1
19) Chrysene	21.13	228	188	1.995	ng/ul#	1

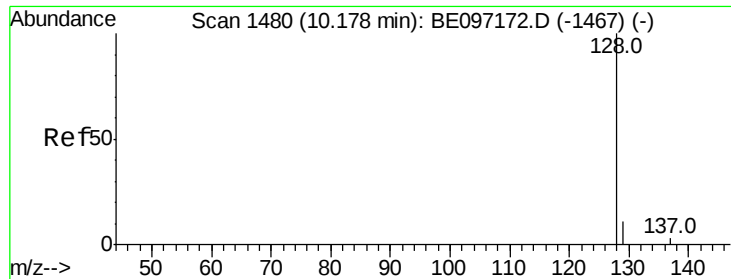
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.031 ng/ul

RT: 10.19 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE097180.D

Acq: 3 Aug 2018 14:16

Instrument :

BNA_E

ClientSampleId :

C0D04

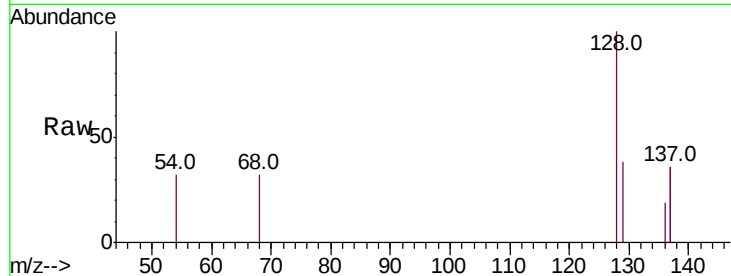
Tot Ion:128 Resp: 572

Ion Ratio Lower Upper

128 100

129 38.4 11.3 16.9#

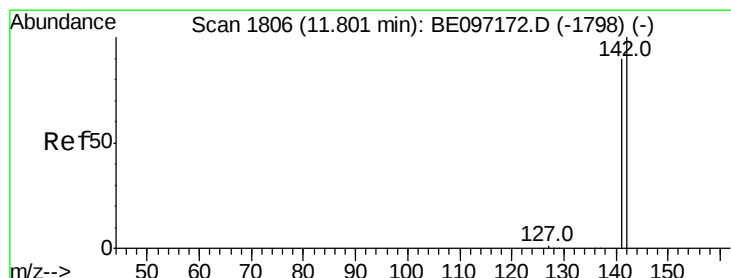
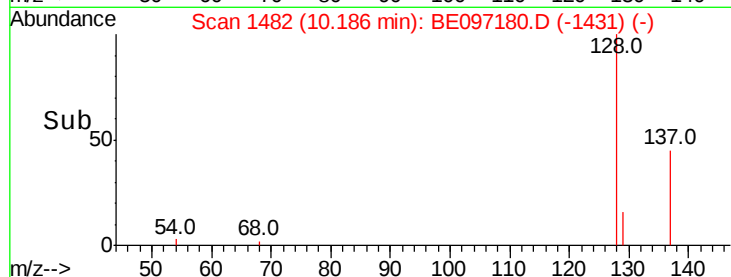
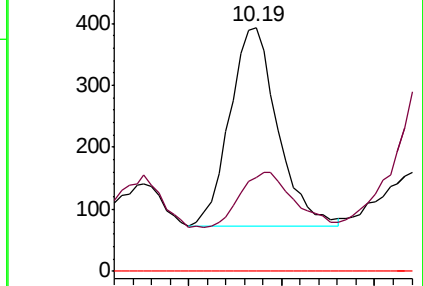
127 0.0 4.0 6.0#



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: 0.022 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BE097180.D

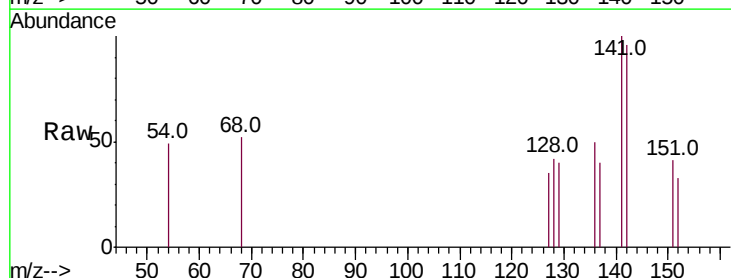
Acq: 3 Aug 2018 14:16

Tgt Ion:142 Resp: 271

Ion Ratio Lower Upper

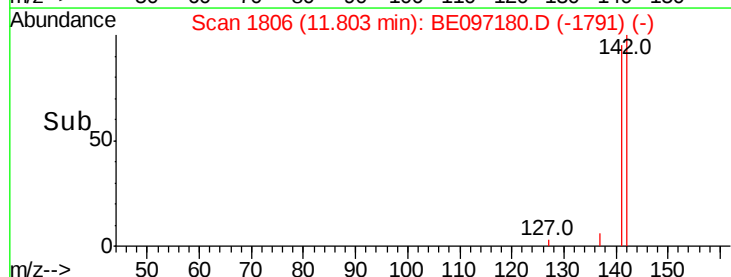
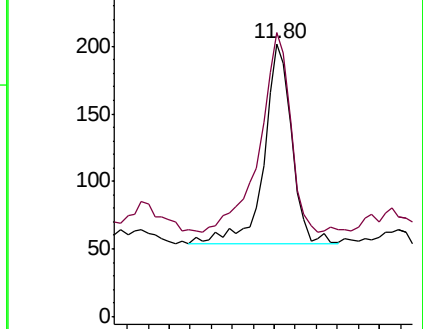
142 100

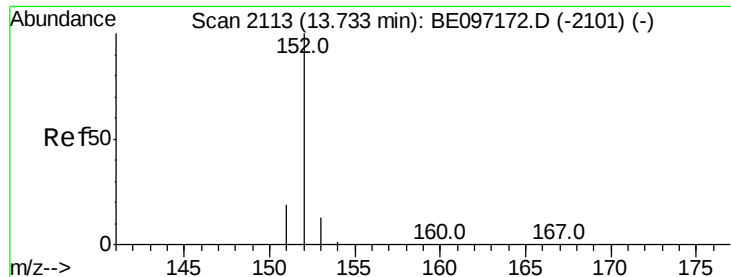
141 111.4 72.6 108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.033 ng/ul

RT: 13.75 min Scan# 2115

Delta R.T. 0.02 min

Lab File: BE097180.D

Acq: 3 Aug 2018 14:16

Instrument :

BNA_E

ClientSampleId :

C0D04

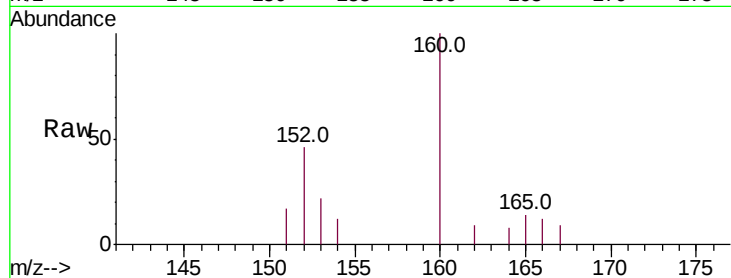
Tot Ion:152 Resp: 742

Ion Ratio Lower Upper

152 100

151 36.5 17.1 25.7#

153 47.5 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

13.75

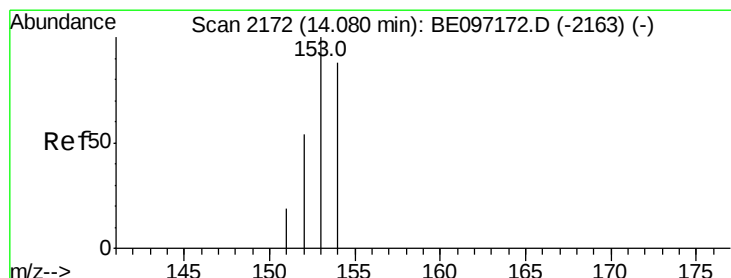
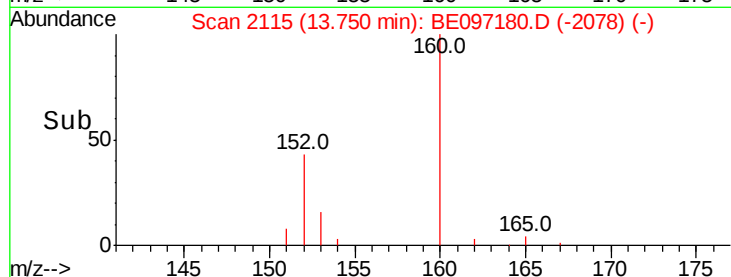
400

200

0

13.70 13.80

Time-->



#8

Acenaphthene

Concen: 0.072 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BE097180.D

Acq: 3 Aug 2018 14:16

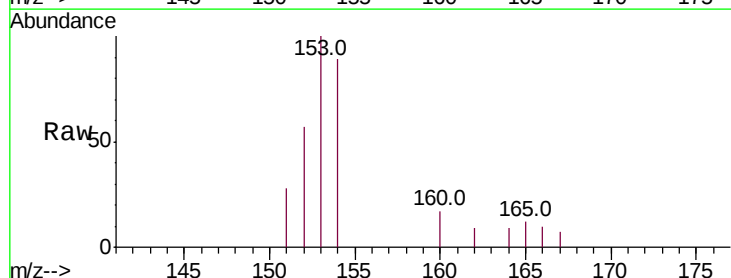
Tgt Ion:153 Resp: 1157

Ion Ratio Lower Upper

153 100

152 57.0 36.0 54.0#

154 89.3 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

14.08

1000

800

600

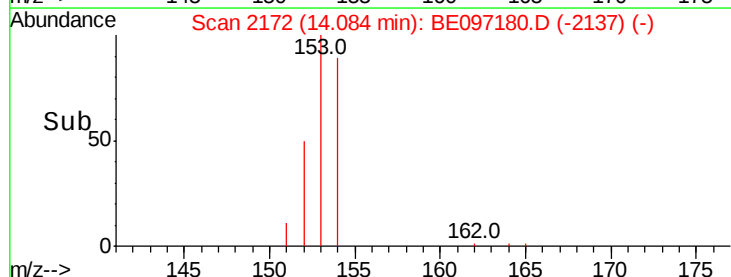
400

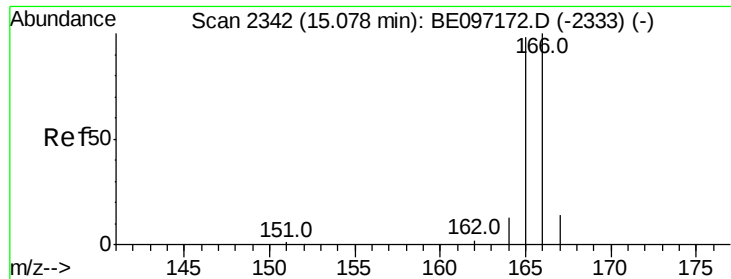
200

0

14.05 14.10

Time-->





#9

Fluorene

Concen: 0.135 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BE097180.D

Acq: 3 Aug 2018 14:16

Instrument :

BNA_E

ClientSampleId :

C0D04

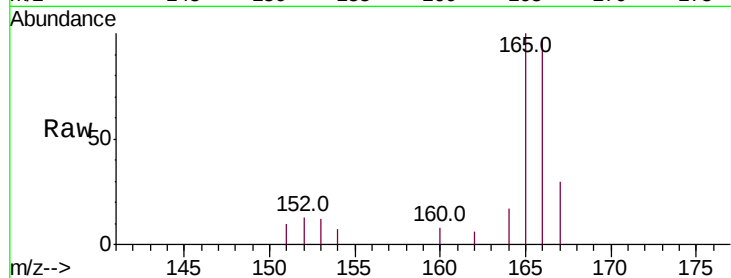
Tot Ion:166 Resp: 2502

Ion Ratio Lower Upper

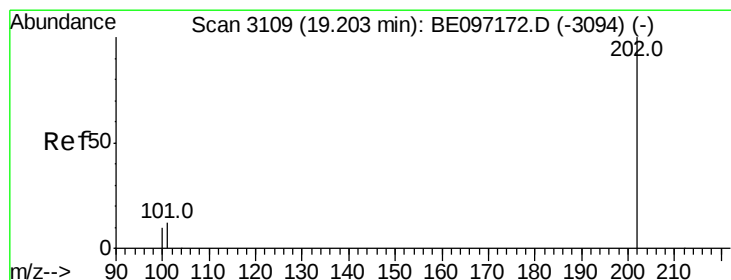
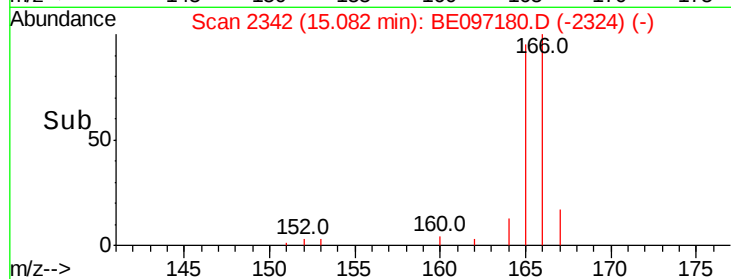
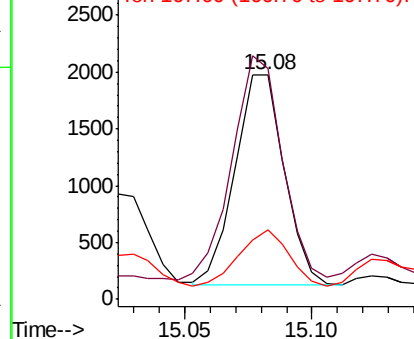
166 100

165 102.6 73.4 110.2

167 30.7 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 2.123 ng/ul

RT: 19.35 min Scan# 3150

Delta R.T. 0.15 min

Lab File: BE097180.D

Acq: 3 Aug 2018 14:16

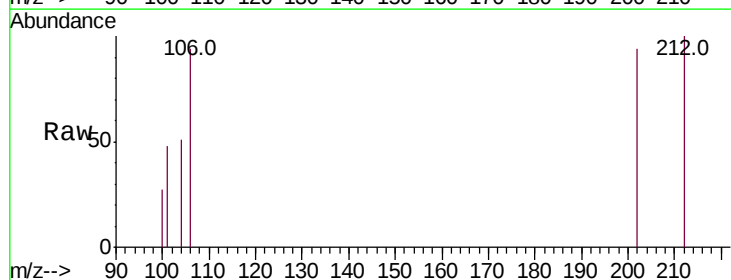
Tgt Ion:202 Resp: 182

Ion Ratio Lower Upper

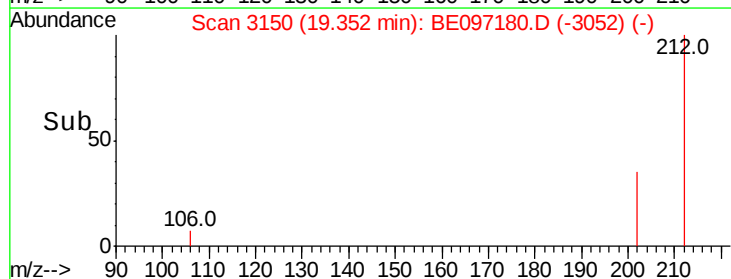
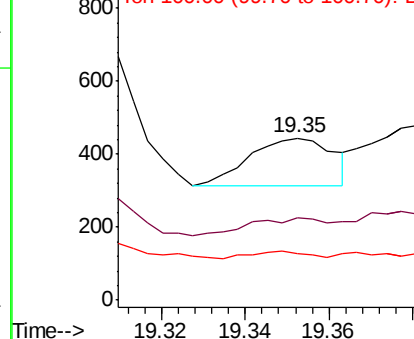
202 100

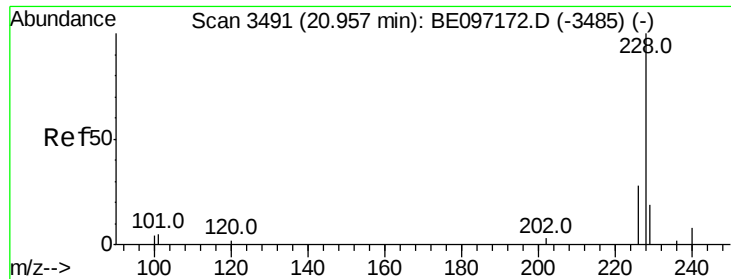
101 50.8 18.2 27.4#

100 29.0 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

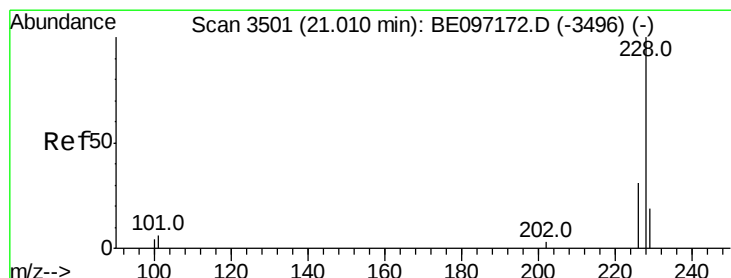
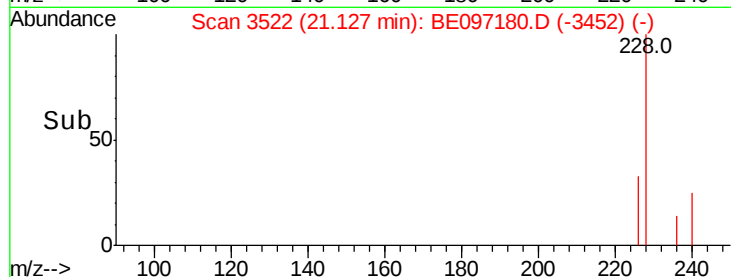
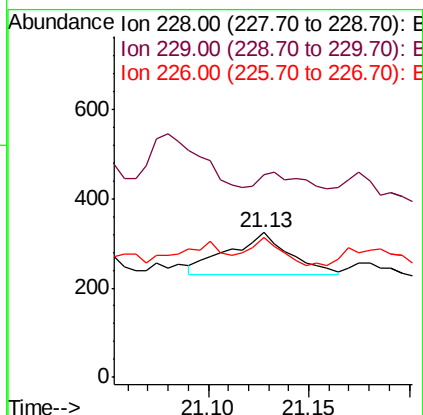
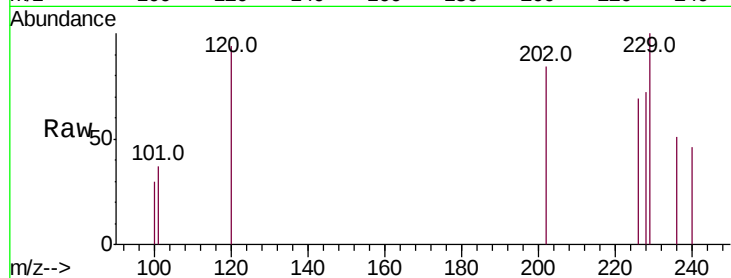




#18
Benzo(a)anthracene
Concen: 2.209 ng/ul
RT: 21.13 min Scan# 3522
Delta R.T. 0.17 min
Lab File: BE097180.D
Acq: 3 Aug 2018 14:16

Instrument :
BNA_E
ClientSampleId :
C0D04

Tot Ion:228 Resp: 202
Ion Ratio Lower Upper
228 100
229 139.5 22.8 34.2#
226 96.6 17.0 25.6#



#19
Chrysene
Concen: 1.995 ng/ul
RT: 21.13 min Scan# 3522
Delta R.T. 0.12 min
Lab File: BE097180.D
Acq: 3 Aug 2018 14:16

Tgt Ion:228 Resp: 188
Ion Ratio Lower Upper
228 100
226 96.6 23.4 35.0#
229 139.5 17.7 26.5#

