

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095223.D
 Acq On : 29 Jan 2018 00:52
 Operator : SJ/JU
 Sample : J1223-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 29 08:13:18 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 08:11:22 2018
 Response via : Initial Calibration

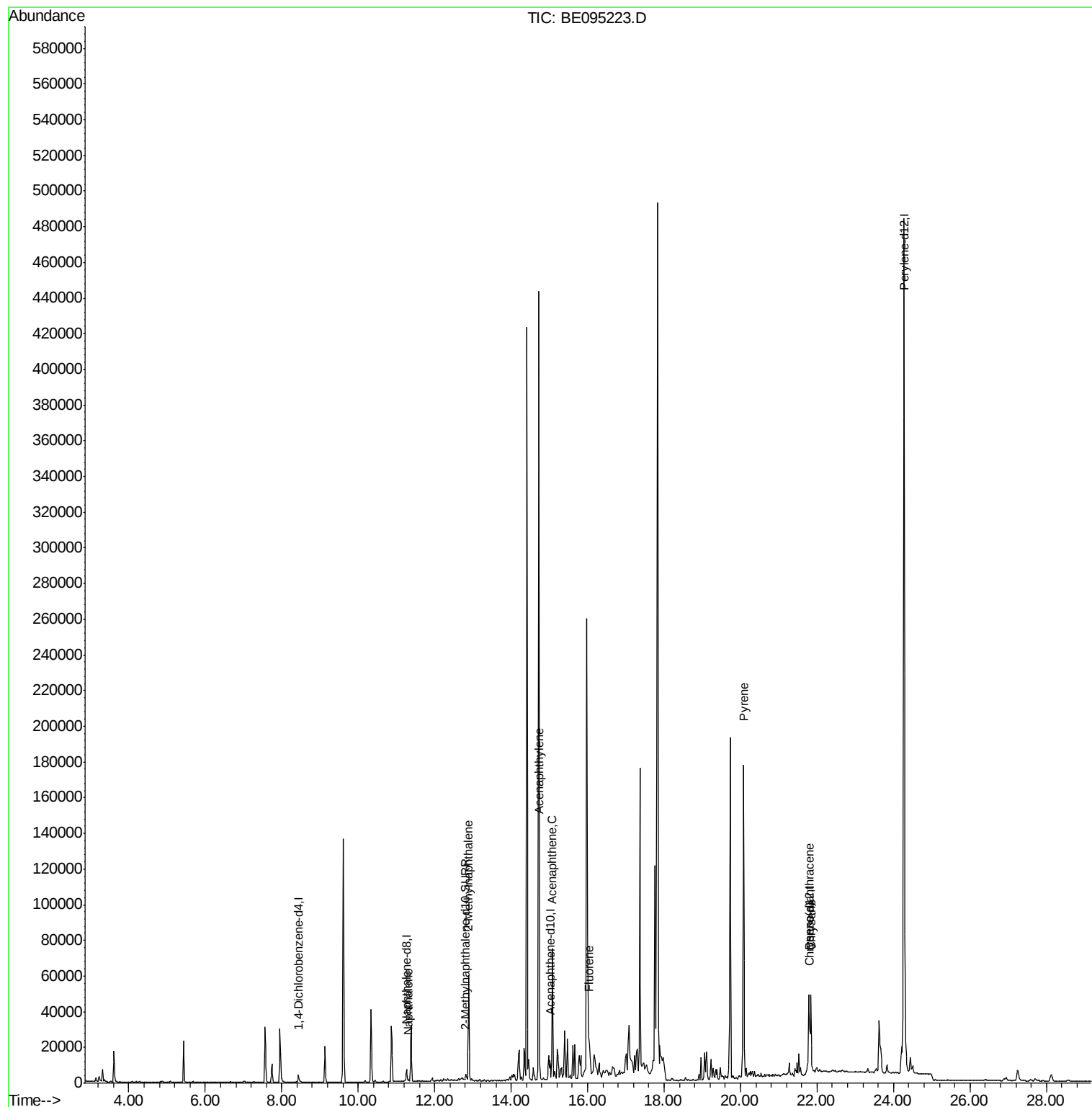
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2874	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	9423	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6654	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.71
16) Chrysene-d12	21.80	240	12875	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	574610	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3855	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11144	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	1111	0.042	ng/ul#	57
5) 2-Methylnaphthalene	12.89	142	46607	2.645	ng/ul	100
7) Acenaphthylene	14.74	152	5420	0.169	ng/ul#	33
8) Acenaphthene	15.08	153	43712	1.760	ng/ul	94
9) Fluorene	16.02	166	25289	0.987	ng/ul#	65
17) Pyrene	20.08	202	187697	4.345	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	46369	1.152	ng/ul#	87
19) Chrysene	21.84	228	49889	1.194	ng/ul	94

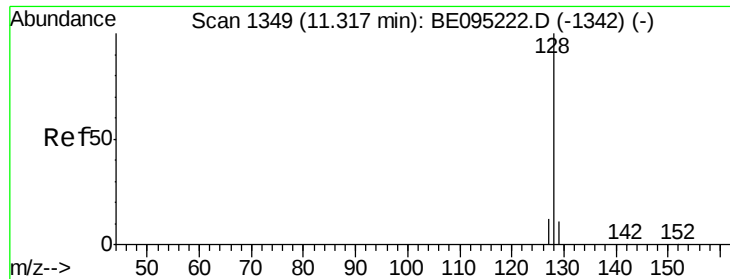
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.042 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

Instrument :

BNA_E

ClientSampled :

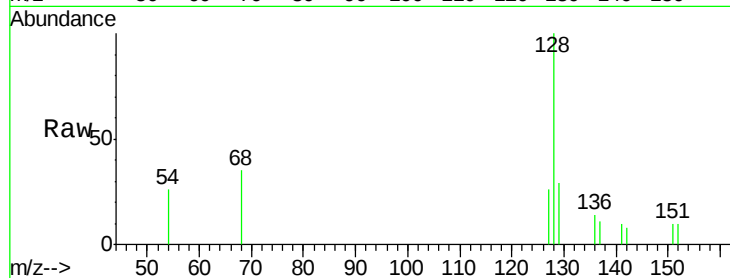
Tot Ion:128 Resp: 1111

Ion Ratio Lower Upper

128 100

129 29.0 11.3 16.9#

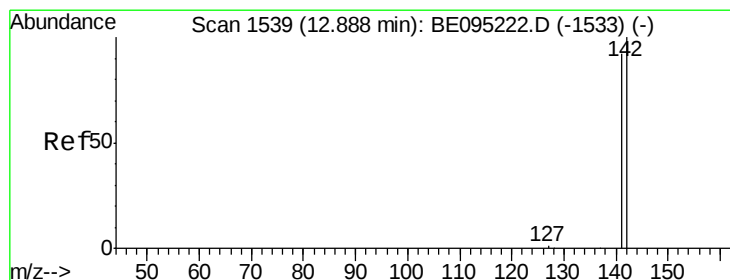
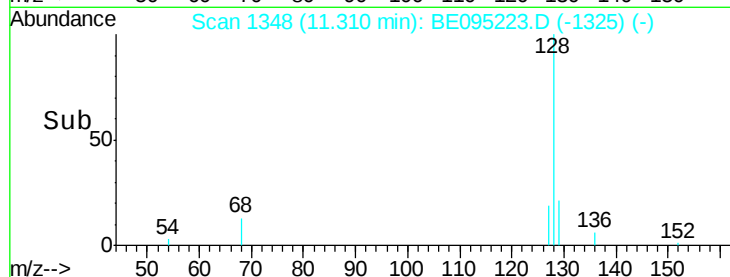
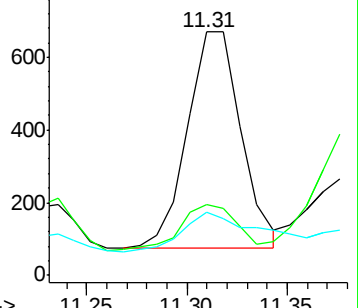
127 25.8 4.0 6.0#



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: 2.645 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095223.D

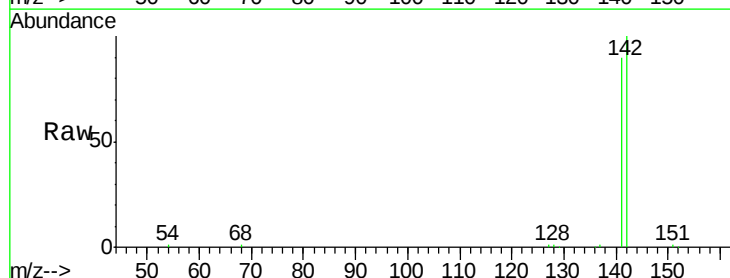
Acq: 29 Jan 2018 00:52

Tgt Ion:142 Resp: 46607

Ion Ratio Lower Upper

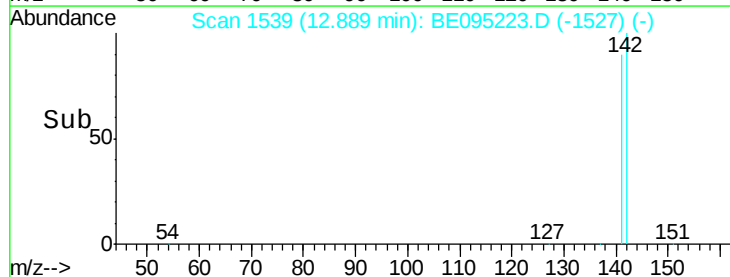
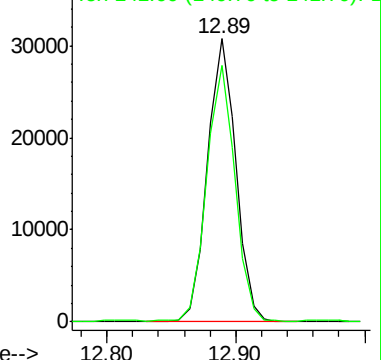
142 100

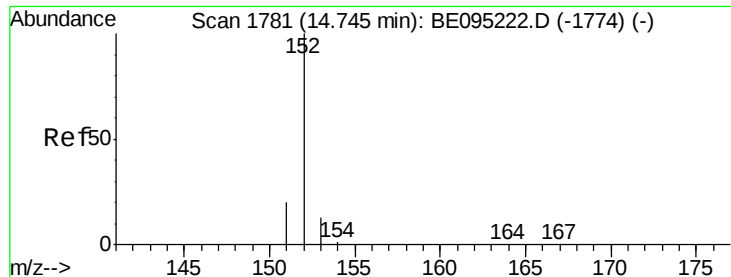
141 90.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.169 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

Instrument :

BNA_E

ClientSampleId :

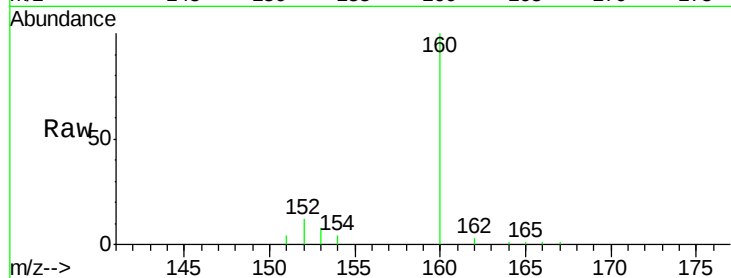
Tot Ion:152 Resp: 5420

Ion Ratio Lower Upper

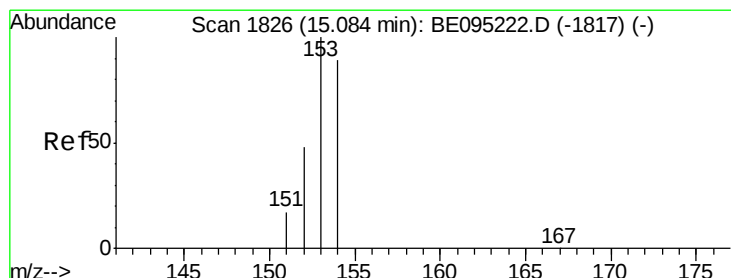
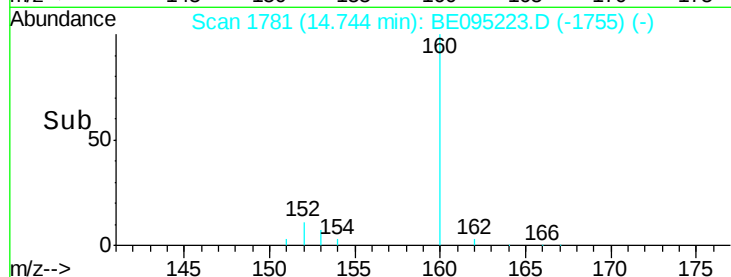
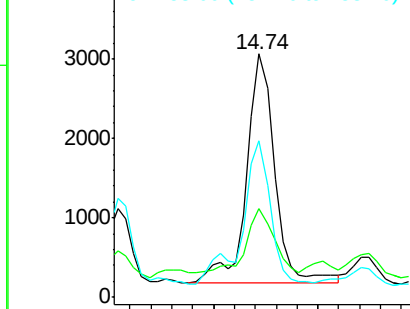
152 100

151 36.3 17.1 25.7#

153 64.1 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: 1.760 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

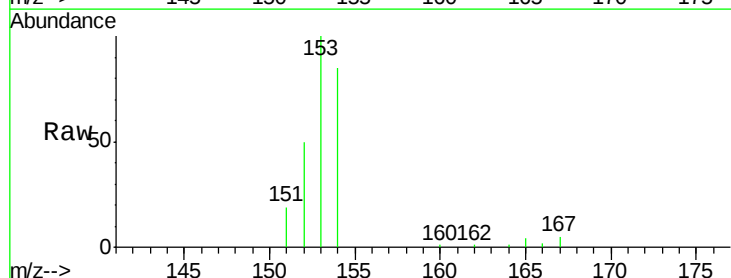
Tgt Ion:153 Resp: 43712

Ion Ratio Lower Upper

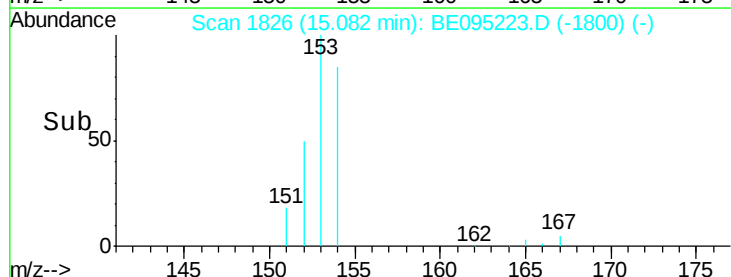
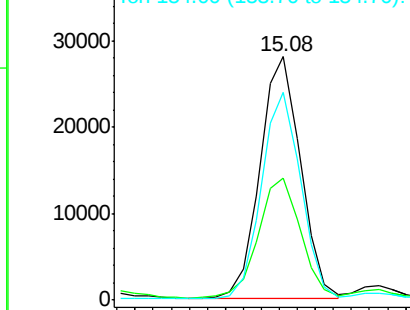
153 100

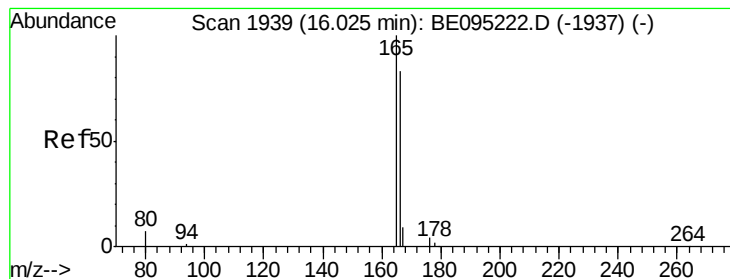
152 50.0 36.0 54.0

154 85.5 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





#9

Fluorene

Concen: 0.987 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

Instrument :

BNA_E

ClientSampleId :

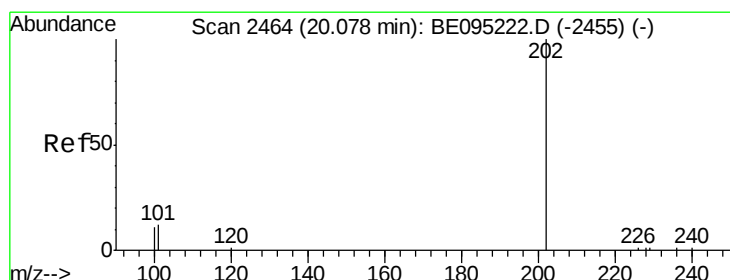
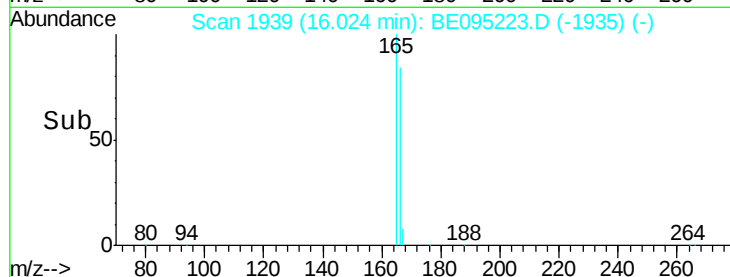
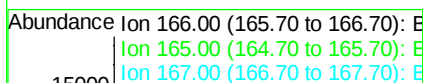
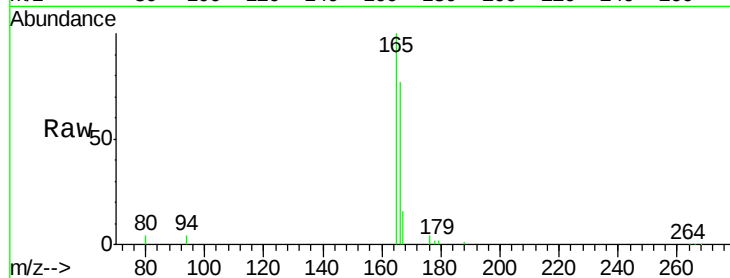
Tot Ion:166 Resp: 25289

Ion Ratio Lower Upper

166 100

165 130.1 73.4 110.2#

167 21.0 14.6 22.0



#17

Pyrene

Concen: 4.345 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095223.D

Acq: 29 Jan 2018 00:52

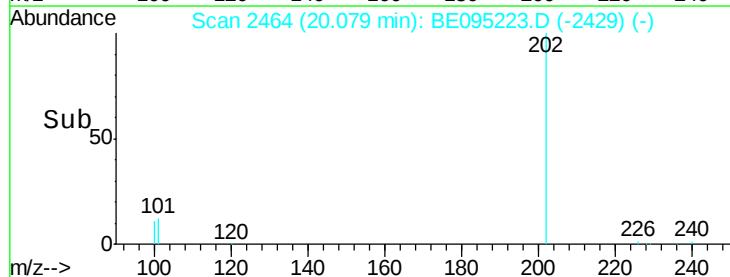
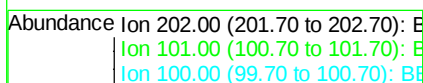
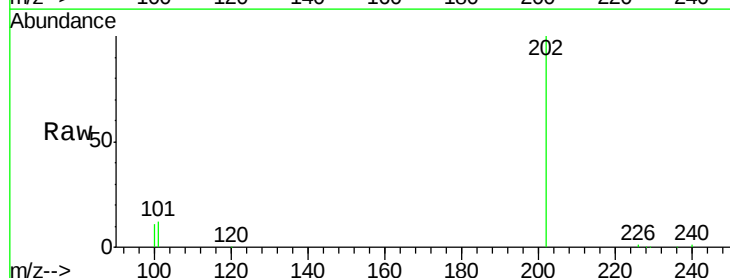
Tgt Ion:202 Resp: 187697

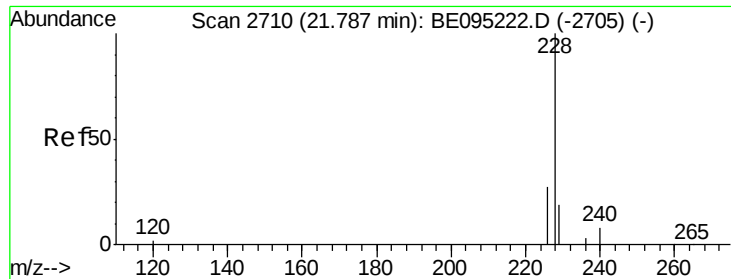
Ion Ratio Lower Upper

202 100

101 12.1 18.2 27.4#

100 10.6 15.6 23.4#

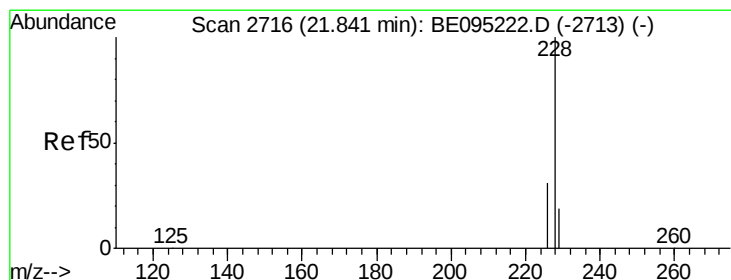
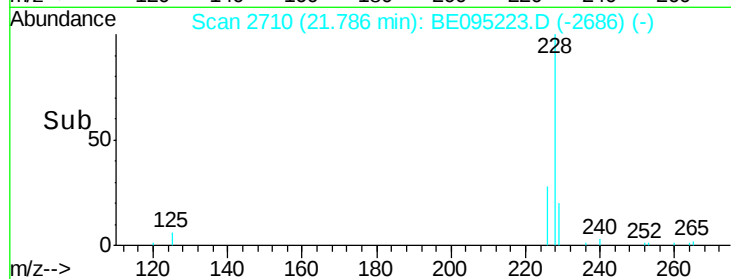
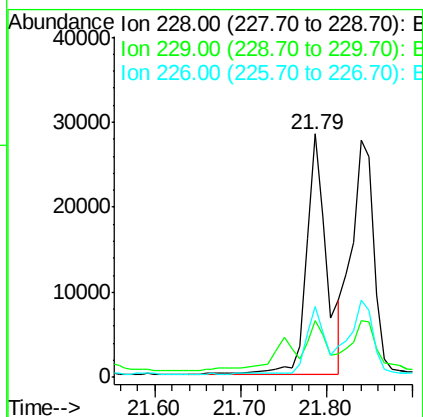
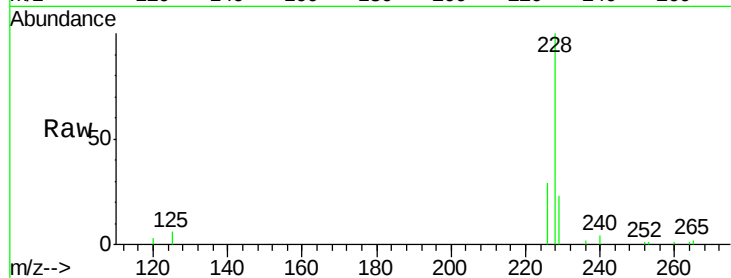




#18
Benzo(a)anthracene
Concen: 1.152 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095223.D
Acq: 29 Jan 2018 00:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 46369
Ion Ratio Lower Upper
228 100
229 23.1 22.8 34.2
226 29.2 17.0 25.6#



#19
Chrysene
Concen: 1.194 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095223.D
Acq: 29 Jan 2018 00:52

Tgt Ion:228 Resp: 49889
Ion Ratio Lower Upper
228 100
226 32.8 23.4 35.0
229 24.0 17.7 26.5

