

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012018\
 Data File : BE095084.D
 Acq On : 20 Jan 2018 11:47
 Operator : SJ/JU
 Sample : J1216-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 22 04:30:01 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration

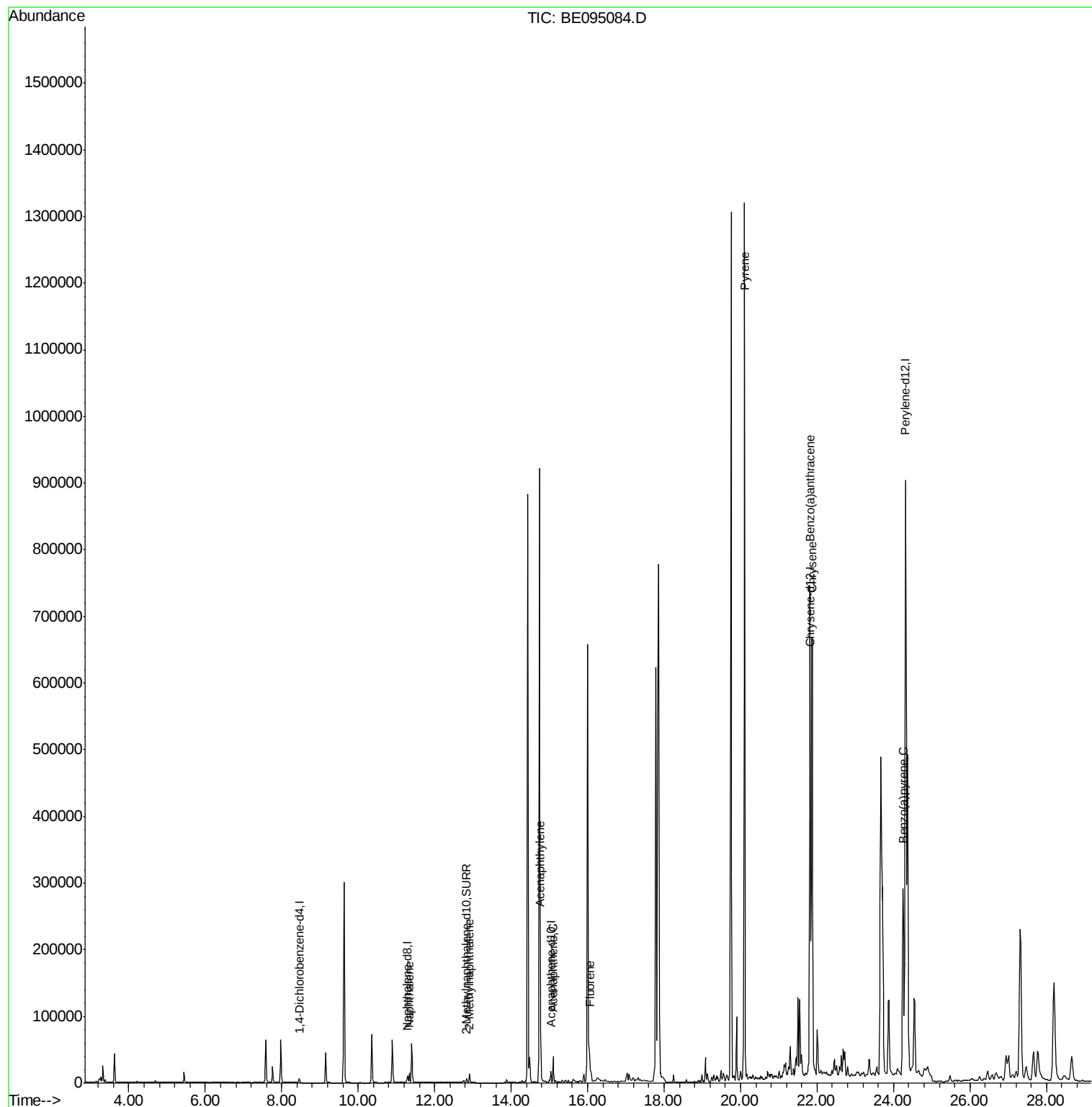
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4268	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	14315	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	9136	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.73
16) Chrysene-d12	21.83	240	18746	0.40	ng/ul	0.00
20) Perylene-d12	24.32	264	1125949	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.84	152	7949	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	21256	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.33	128	20460	0.539	ng/ul#	89
5) 2-Methylnaphthalene	12.90	142	10340	0.391	ng/ul	100
7) Acenaphthylene	14.77	152	130955	3.200	ng/ul	95
8) Acenaphthene	15.10	153	22214	0.698	ng/ul	93
9) Fluorene	16.05	166	38457	1.132	ng/ul#	80
17) Pyrene	20.11	202	1439666	21.127	ng/ul#	78
18) Benzo(a)anthracene	21.81	228	812841	15.671	ng/ul#	84
19) Chrysene	21.87	228	754162	13.032	ng/ul	95
23) Benzo(a)pyrene	24.25	252	482334	0.149	ng/ul#	79

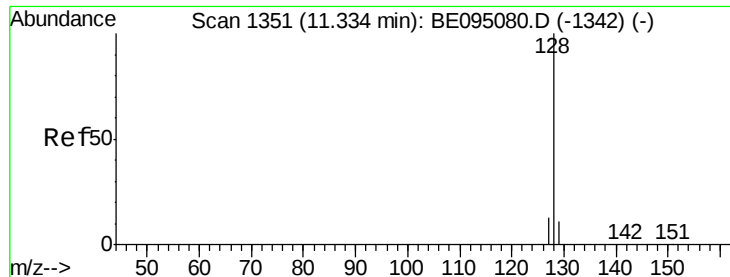
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.539 ng/ul

RT: 11.33 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BE095084.D

Acq: 20 Jan 2018 11:47

Instrument :

BNA_E

ClientSampleId :

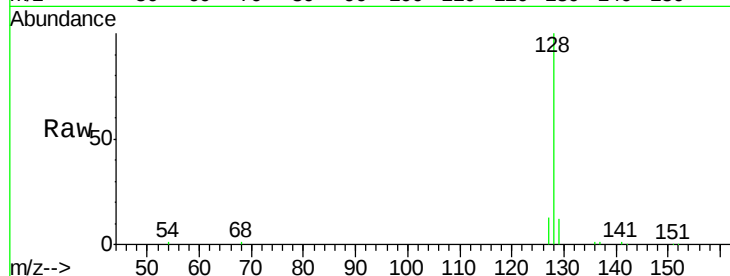
Tot Ion:128 Resp: 20460

Ion Ratio Lower Upper

128 100

129 11.8 11.3 16.9

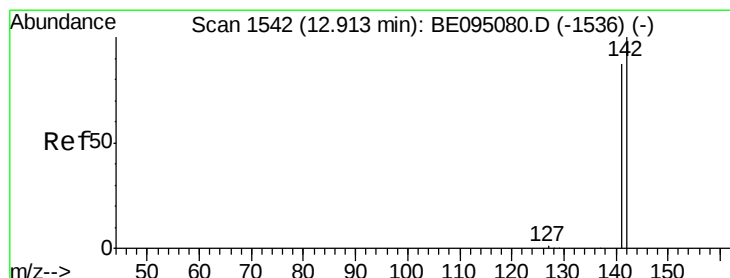
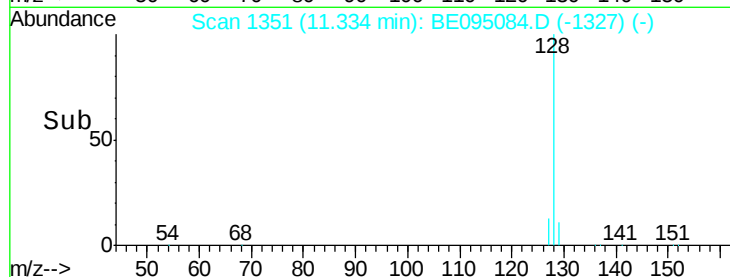
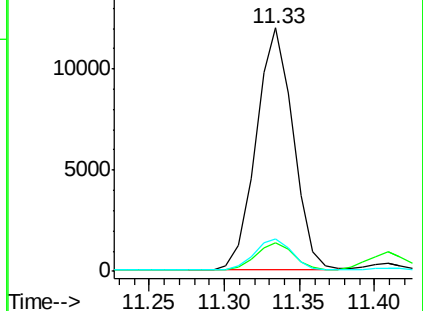
127 13.2 4.0 6.0#



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: 0.391 ng/ul

RT: 12.90 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE095084.D

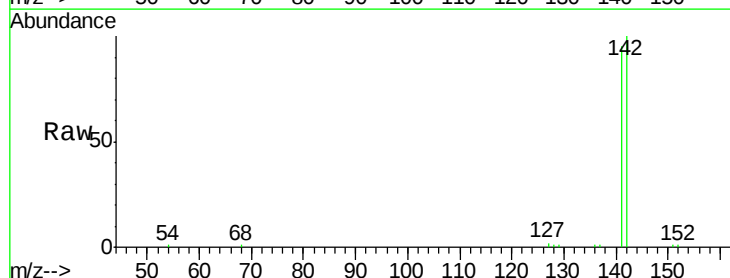
Acq: 20 Jan 2018 11:47

Tgt Ion:142 Resp: 10340

Ion Ratio Lower Upper

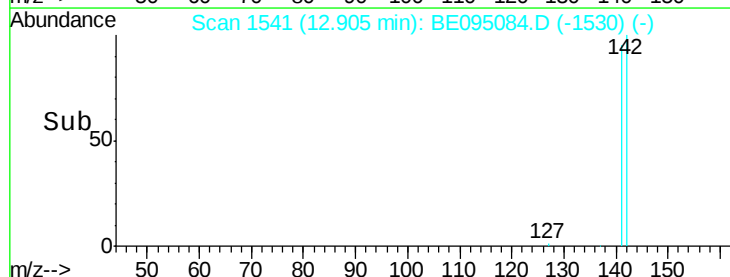
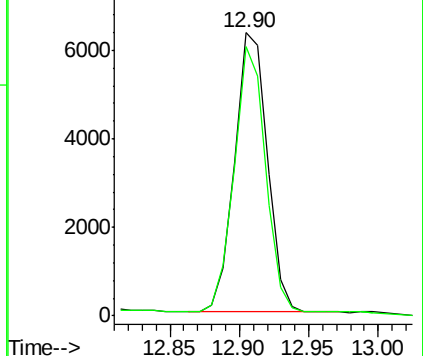
142 100

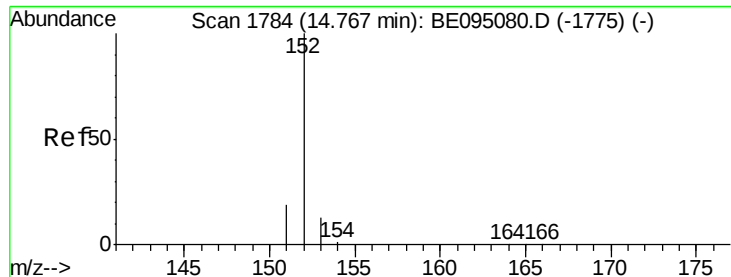
141 90.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 3.200 ng/ul

RT: 14.77 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BE095084.D

Acq: 20 Jan 2018 11:47

Instrument :

BNA_E

ClientSampleId :

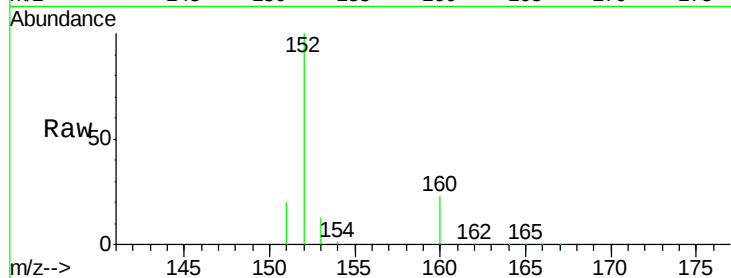
Tot Ion:152 Resp: 130955

Ion Ratio Lower Upper

152 100

151 19.7 17.1 25.7

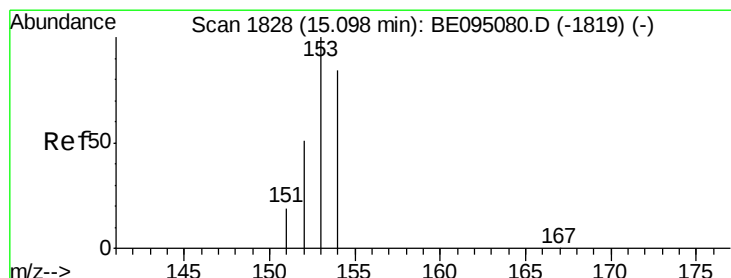
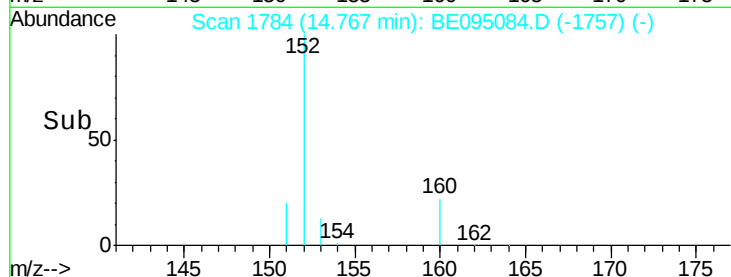
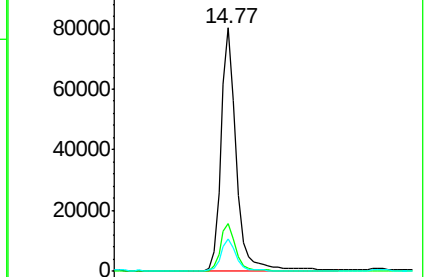
153 13.4 12.8 19.2



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: 0.698 ng/ul

RT: 15.10 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BE095084.D

Acq: 20 Jan 2018 11:47

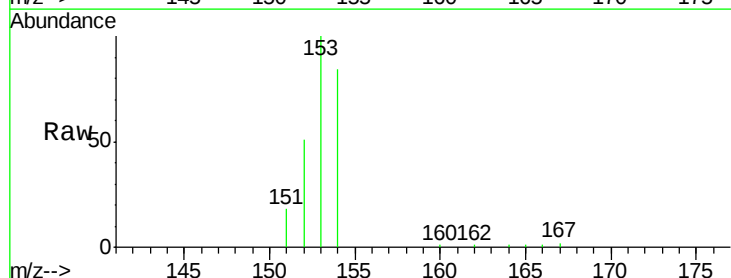
Tgt Ion:153 Resp: 22214

Ion Ratio Lower Upper

153 100

152 50.7 36.0 54.0

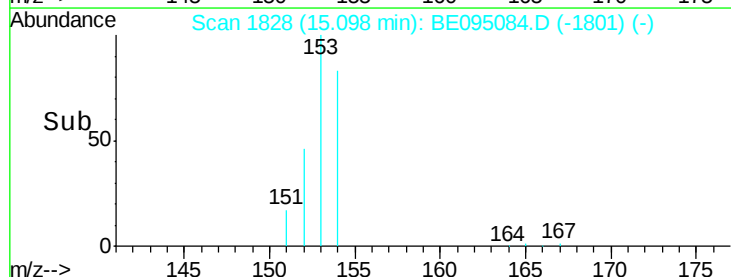
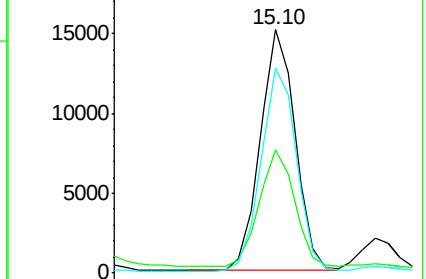
154 84.3 72.0 108.0

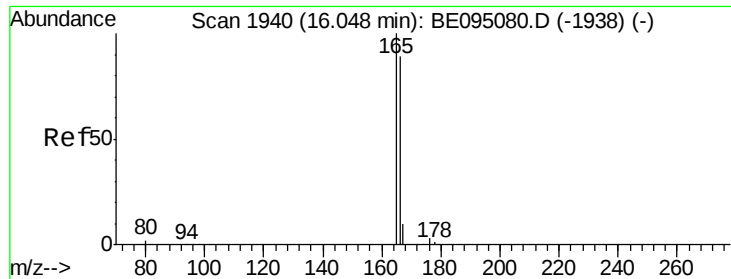


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.132 ng/ul

RT: 16.05 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BE095084.D

Acq: 20 Jan 2018 11:47

Instrument :

BNA_E

ClientSampleId :

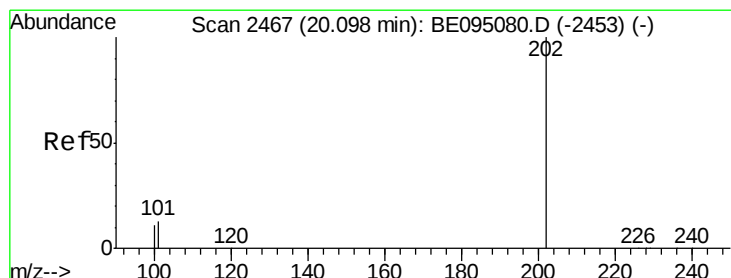
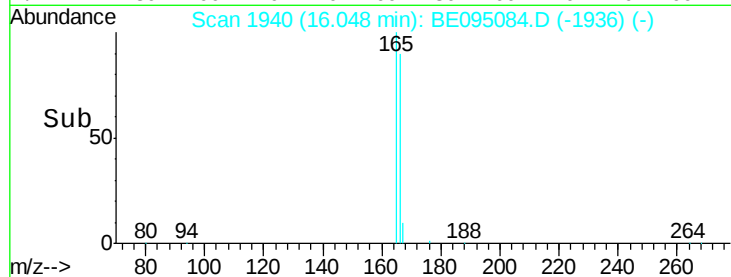
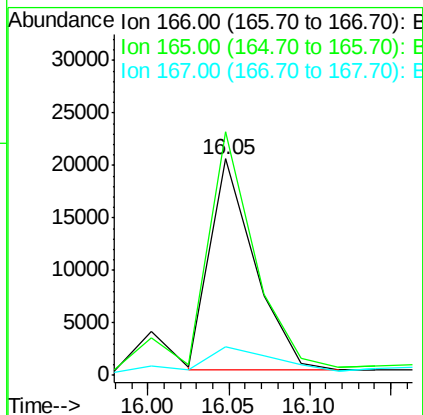
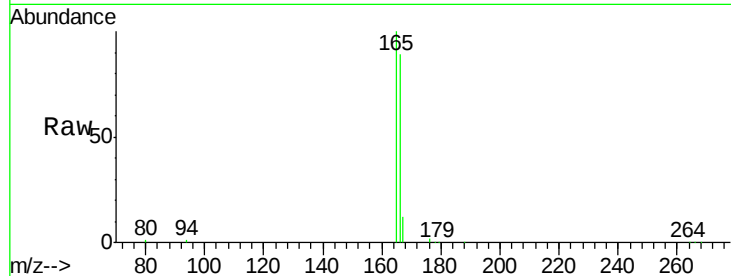
Tot Ion:166 Resp: 38457

Ion Ratio Lower Upper

166 100

165 112.6 73.4 110.2#

167 13.3 14.6 22.0#



#17

Pyrene

Concen: 21.127 ng/ul

RT: 20.11 min Scan# 2468

Delta R.T. 0.01 min

Lab File: BE095084.D

Acq: 20 Jan 2018 11:47

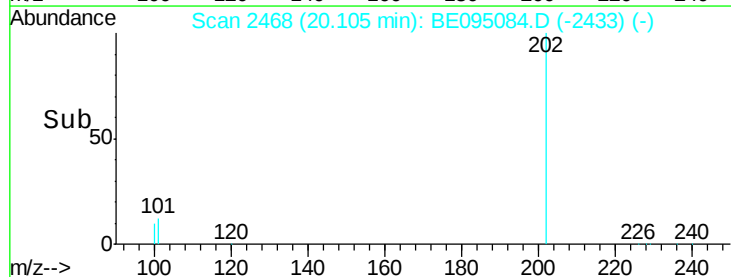
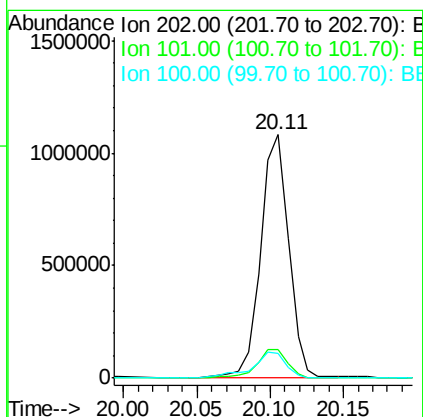
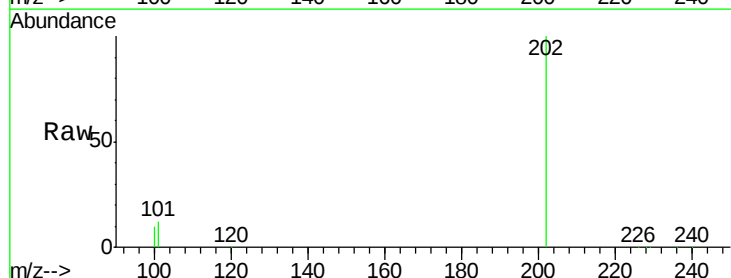
Tgt Ion:202 Resp: 1439666

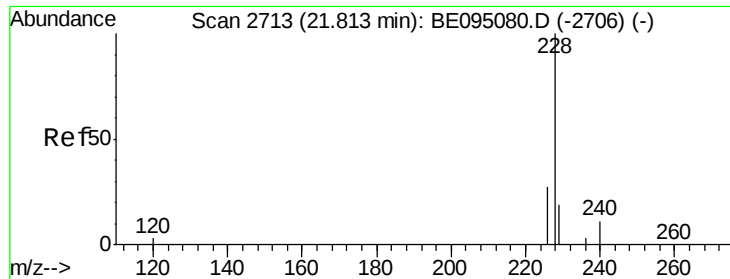
Ion Ratio Lower Upper

202 100

101 11.8 18.2 27.4#

100 10.0 15.6 23.4#

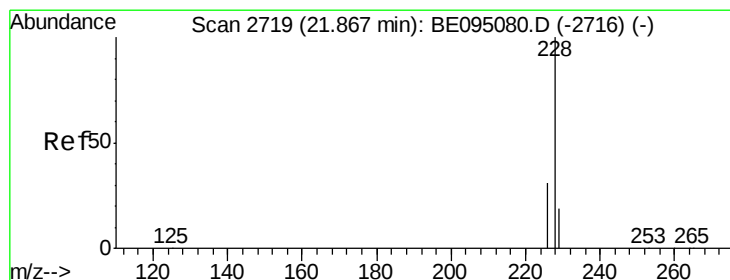
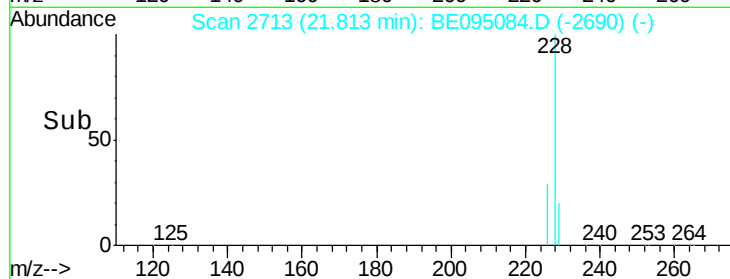
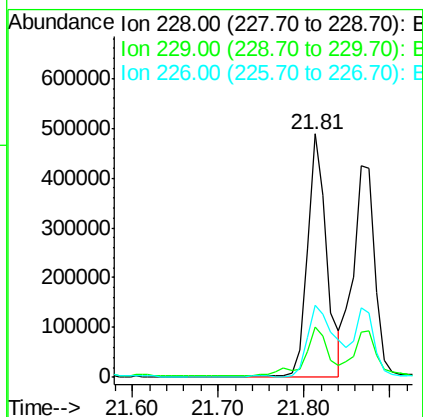
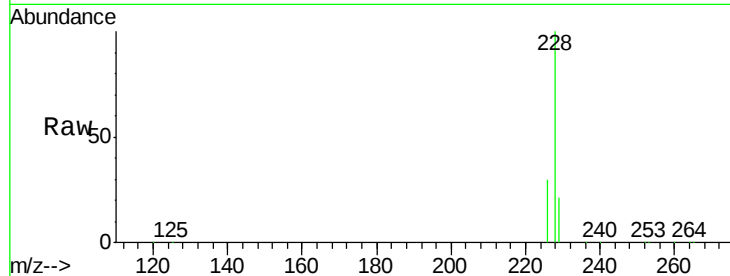




#18
Benzo(a)anthracene
Concen: 15.671 ng/ul
RT: 21.81 min Scan# 2713
Delta R.T. -0.00 min
Lab File: BE095084.D
Acq: 20 Jan 2018 11:47

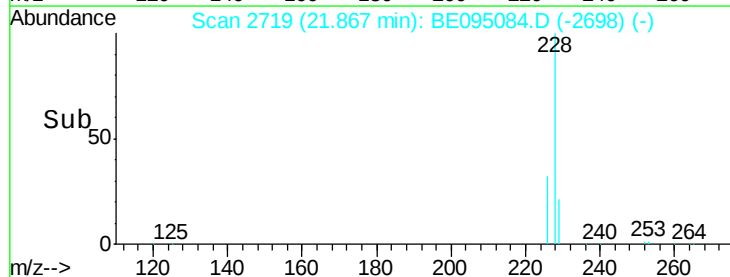
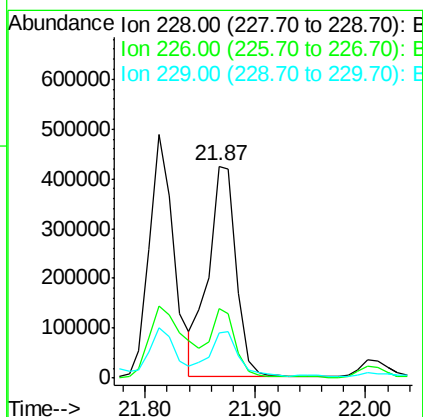
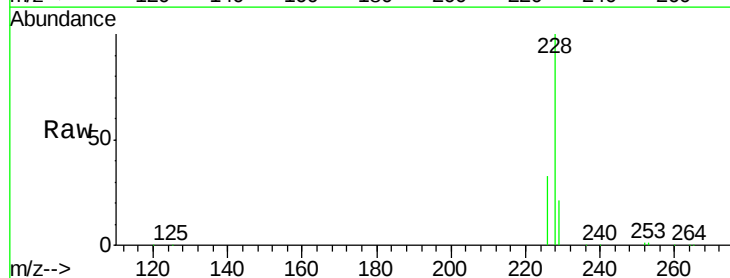
Instrument :
BNA_E
ClientSampleId :

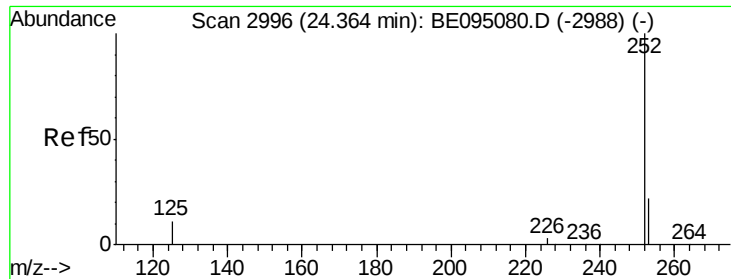
Tot Ion:228 Resp: 812841
Ion Ratio Lower Upper
228 100
229 20.9 22.8 34.2#
226 29.8 17.0 25.6#



#19
Chrysene
Concen: 13.032 ng/ul
RT: 21.87 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE095084.D
Acq: 20 Jan 2018 11:47

Tgt Ion:228 Resp: 754162
Ion Ratio Lower Upper
228 100
226 32.6 23.4 35.0
229 21.1 17.7 26.5





#23

Benzo(a)pyrene

Concen: 0.149 ng/ul

RT: 24.25 min Scan# 2984

Delta R.T. -0.11 min

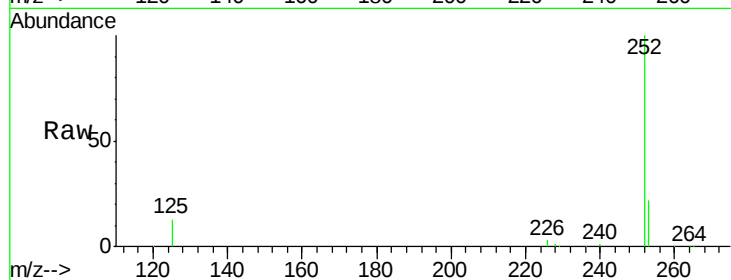
Lab File: BE095084.D

Acq: 20 Jan 2018 11:47

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 252 Resp: 482334

Ion Ratio Lower Upper

252 100

253 22.4 28.5 42.7#

125 13.2 18.1 27.1#

