

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095317.D
 Acq On : 31 Jan 2018 14:59
 Operator : SJ/JU
 Sample : J1243-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 15:36:50 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 11:55:47 2018
 Response via : Initial Calibration

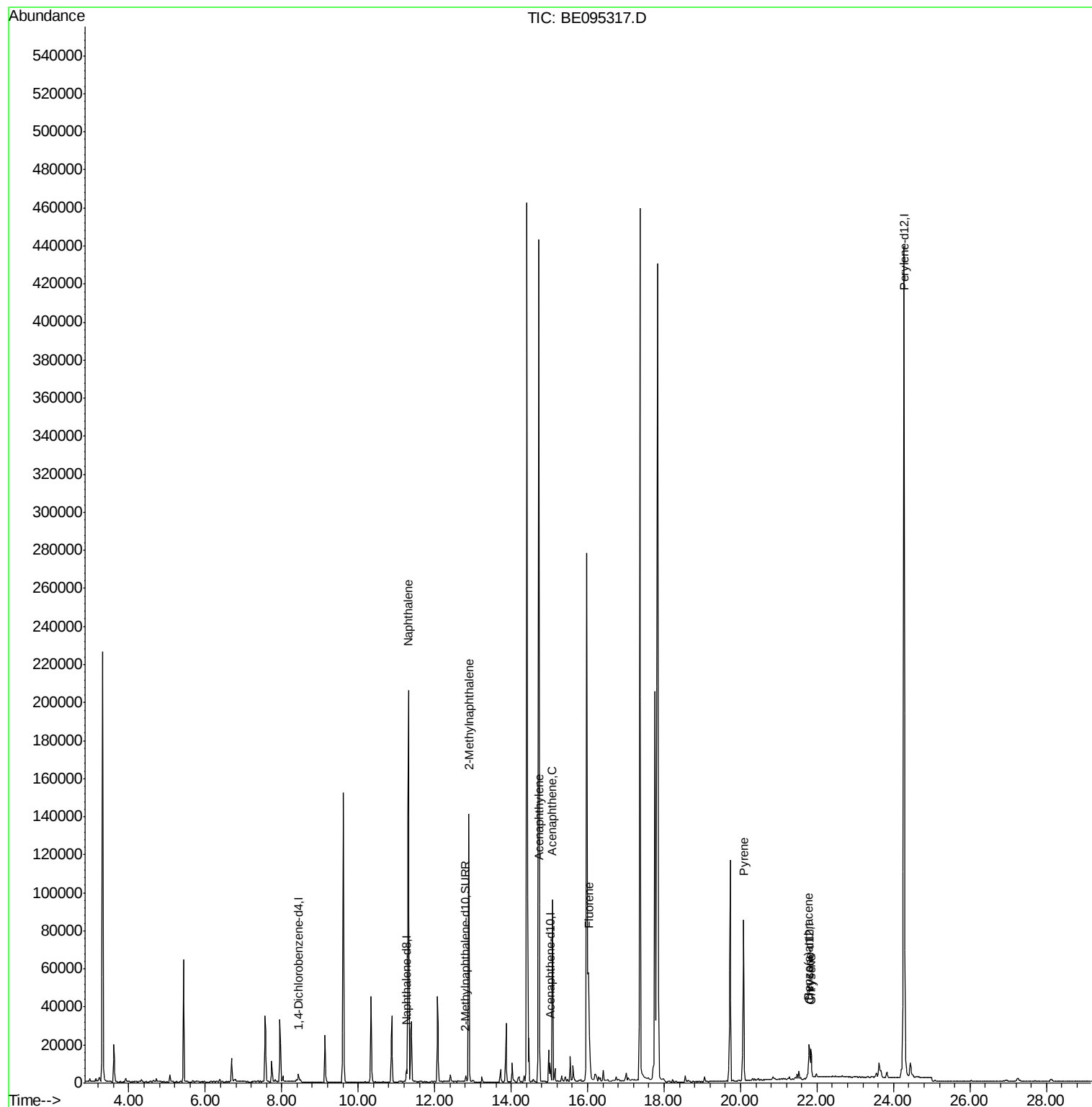
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2682	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8523	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5936	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.71
16) Chrysene-d12	21.80	240	11377	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	525444	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3991	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	10157	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	282356	11.831	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	116580	7.315	ng/ul	100
7) Acenaphthylene	14.74	152	2016	0.071	ng/ul#	74
8) Acenaphthene	15.08	153	57873	2.612	ng/ul	93
9) Fluorene	16.02	166	50505	2.210	ng/ul#	73
17) Pyrene	20.08	202	90462	2.370	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	19210	0.540	ng/ul#	87
19) Chrysene	21.84	228	15514	0.420	ng/ul	94

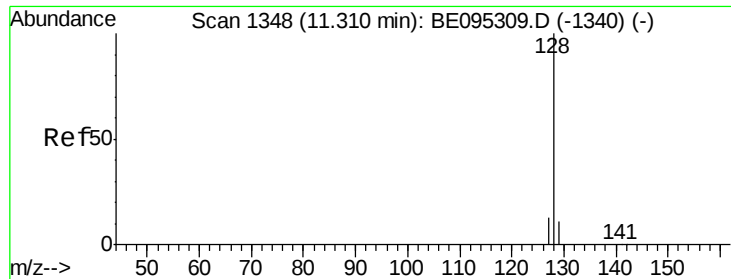
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 11.831 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

Instrument :

BNA_E

ClientSampleId :

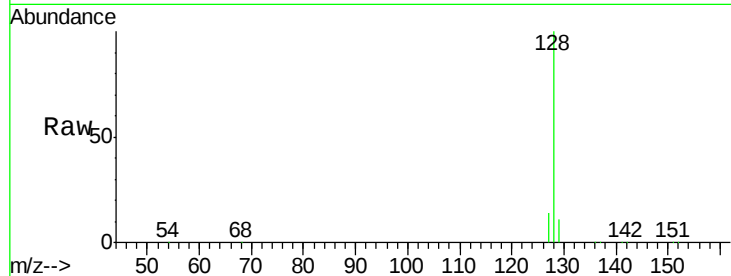
Tot Ion:128 Resp: 282356

Ion Ratio Lower Upper

128 100

129 11.0 11.3 16.9#

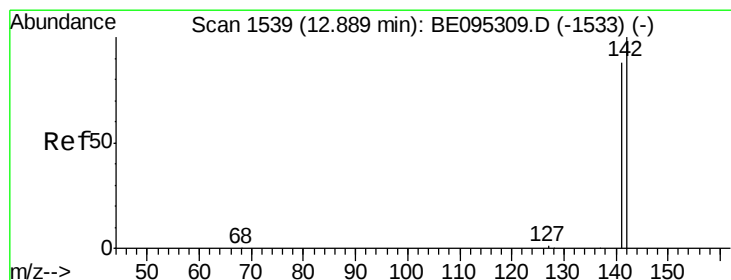
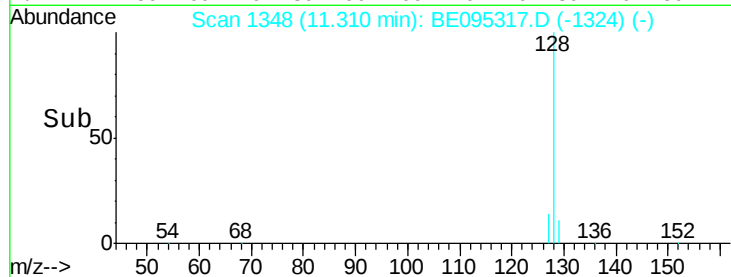
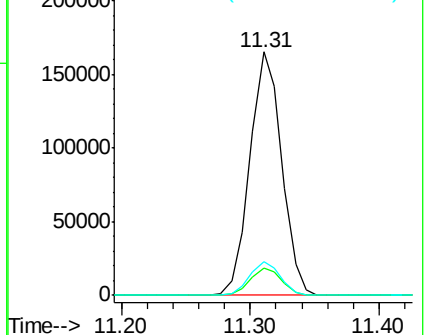
127 13.6 4.0 6.0#



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: 7.315 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095317.D

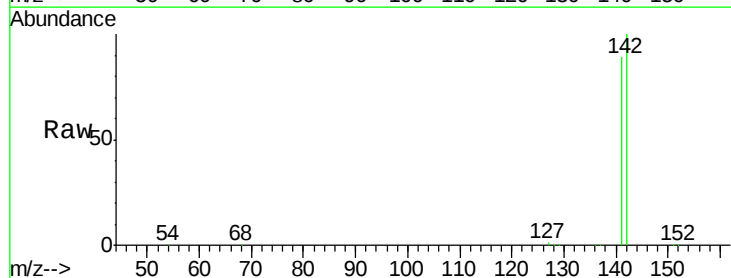
Acq: 31 Jan 2018 14:59

Tgt Ion:142 Resp: 116580

Ion Ratio Lower Upper

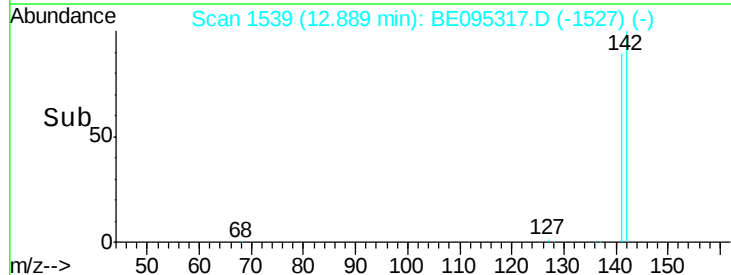
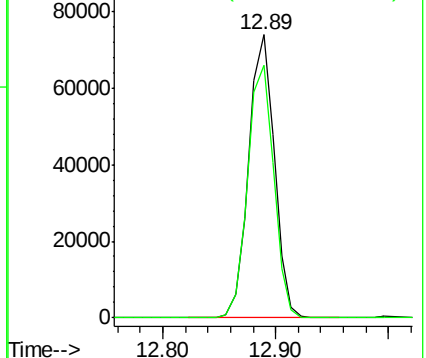
142 100

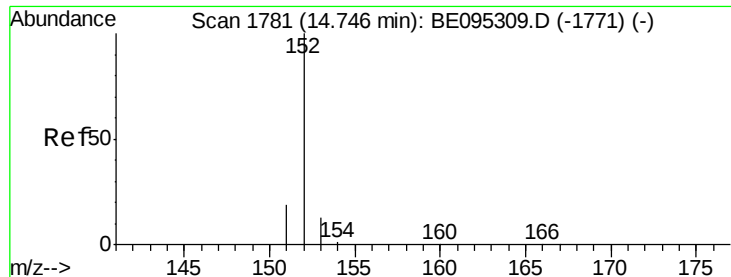
141 90.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.071 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

Instrument :

BNA_E

ClientSampleId :

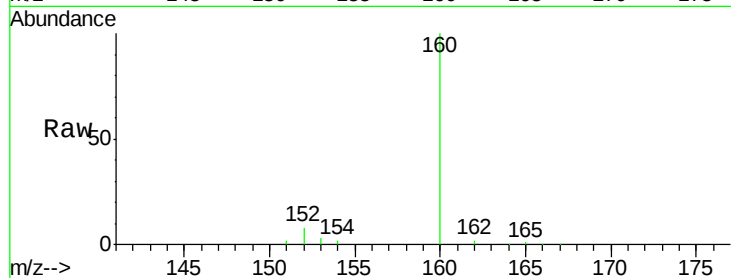
Tot Ion:152 Resp: 2016

Ion Ratio Lower Upper

152 100

151 26.6 17.1 25.7#

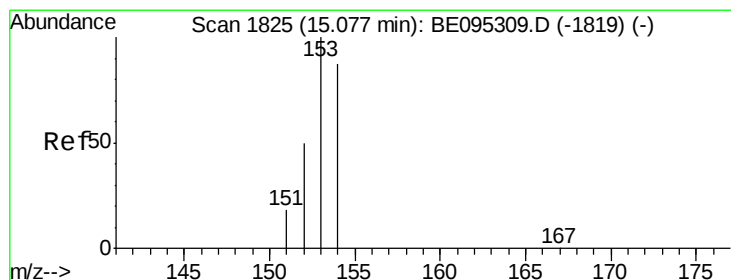
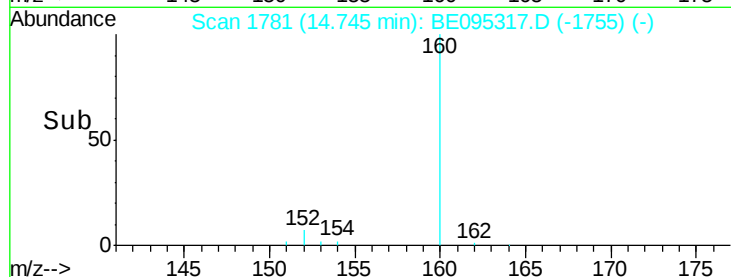
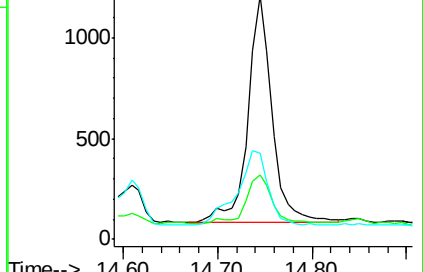
153 35.4 12.8 19.2#



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: 2.612 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

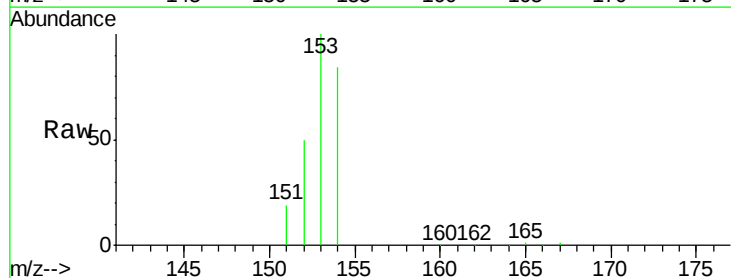
Tgt Ion:153 Resp: 57873

Ion Ratio Lower Upper

153 100

152 50.3 36.0 54.0

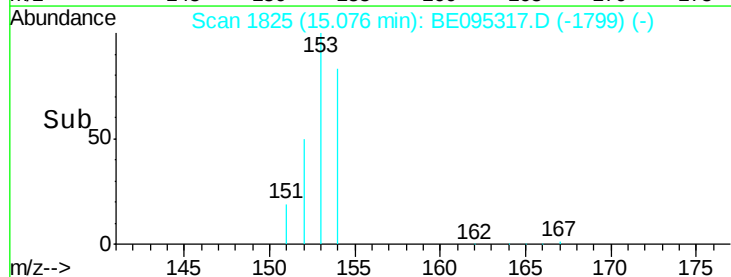
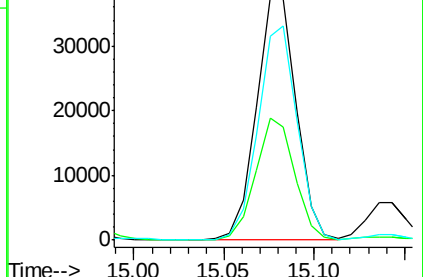
154 83.6 72.0 108.0

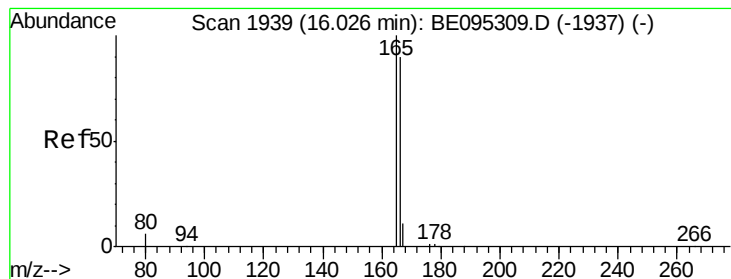


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 2.210 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

Instrument :

BNA_E

ClientSampleId :

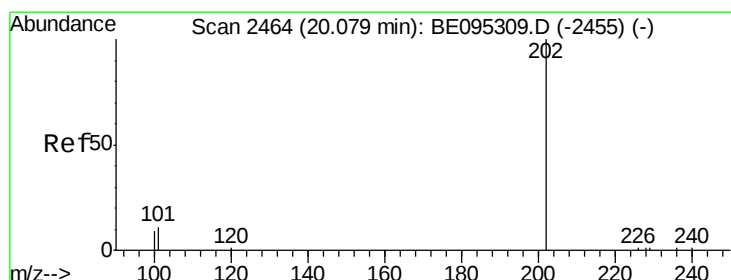
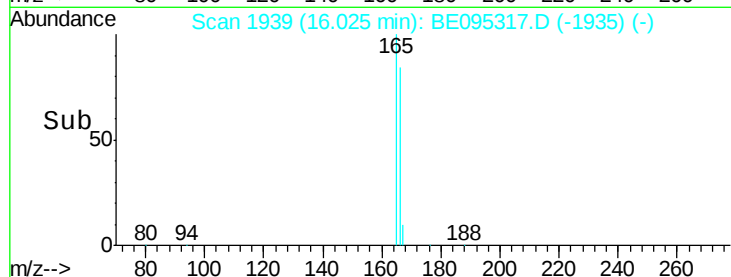
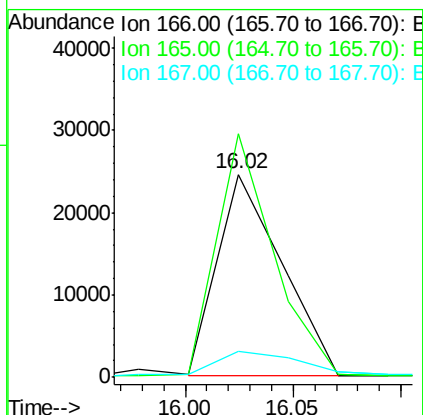
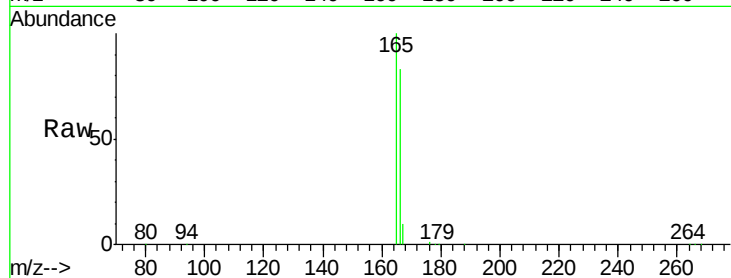
Tot Ion:166 Resp: 50505

Ion Ratio Lower Upper

166 100

165 120.0 73.4 110.2#

167 12.5 14.6 22.0#



#17

Pyrene

Concen: 2.370 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

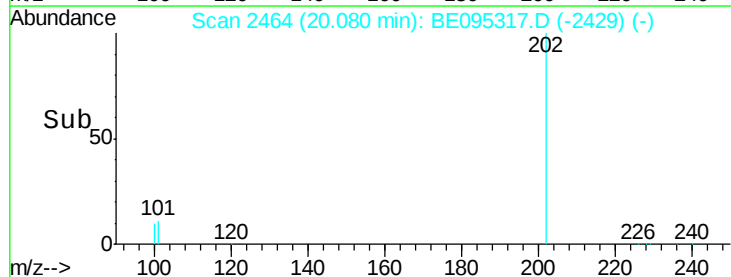
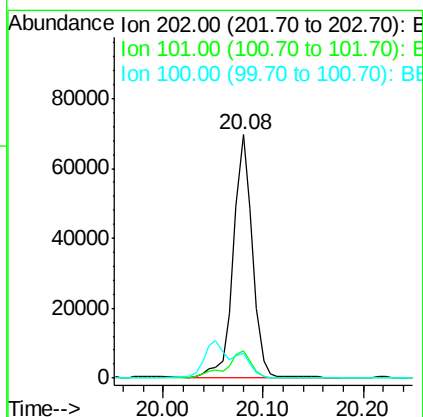
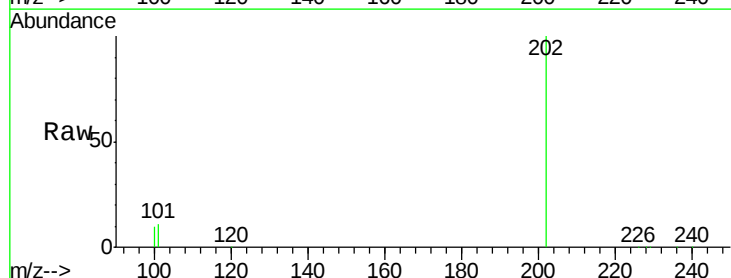
Tgt Ion:202 Resp: 90462

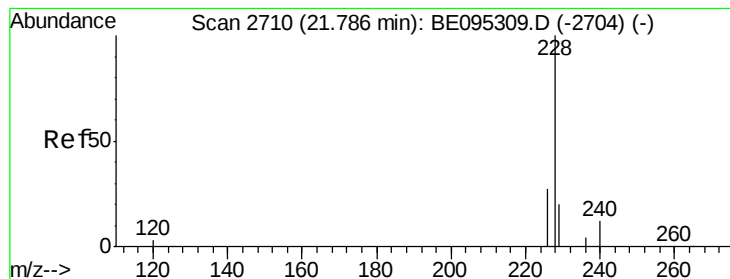
Ion Ratio Lower Upper

202 100

101 11.4 18.2 27.4#

100 10.2 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.540 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

Instrument :

BNA_E

ClientSampleId :

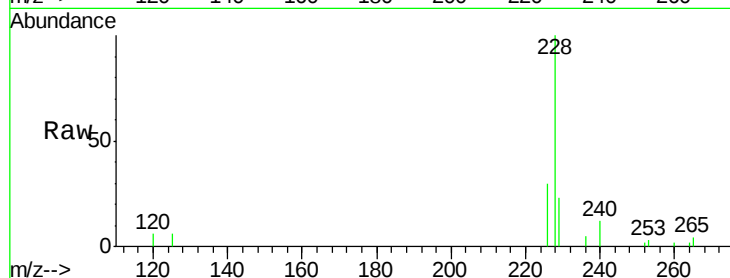
Tot Ion:228 Resp: 19210

Ion Ratio Lower Upper

228 100

229 23.3 22.8 34.2

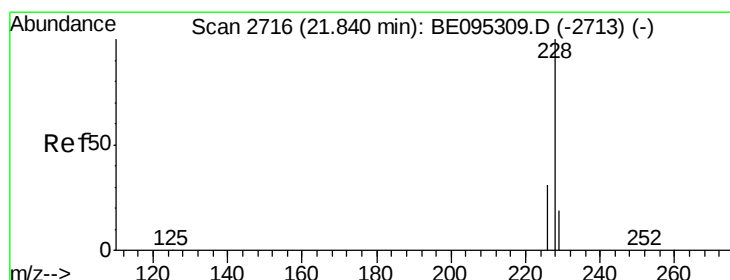
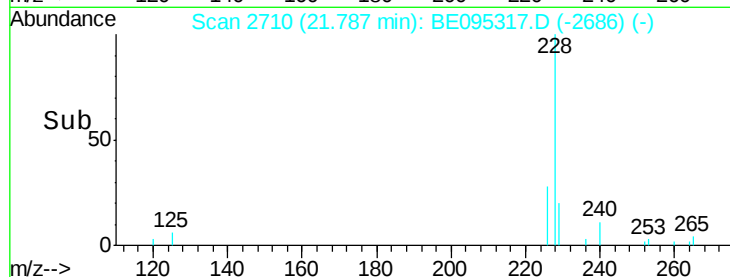
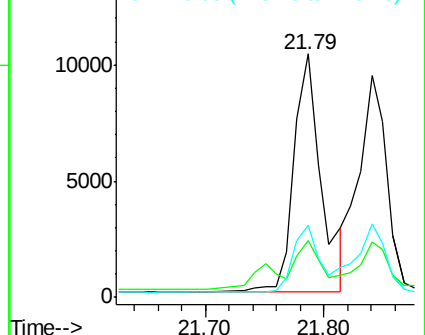
226 29.6 17.0 25.6#



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: 0.420 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095317.D

Acq: 31 Jan 2018 14:59

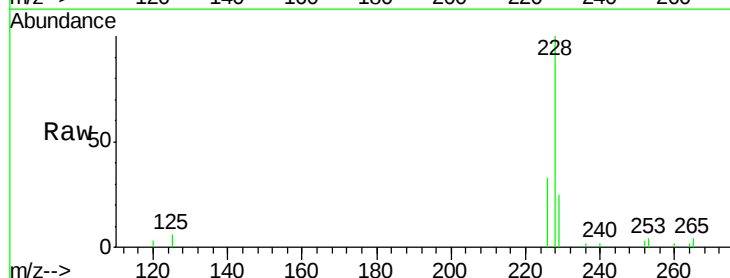
Tgt Ion:228 Resp: 15514

Ion Ratio Lower Upper

228 100

226 33.0 23.4 35.0

229 24.7 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

