

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095316.D
 Acq On : 31 Jan 2018 14:23
 Operator : SJ/JU
 Sample : J1243-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 15:36:43 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

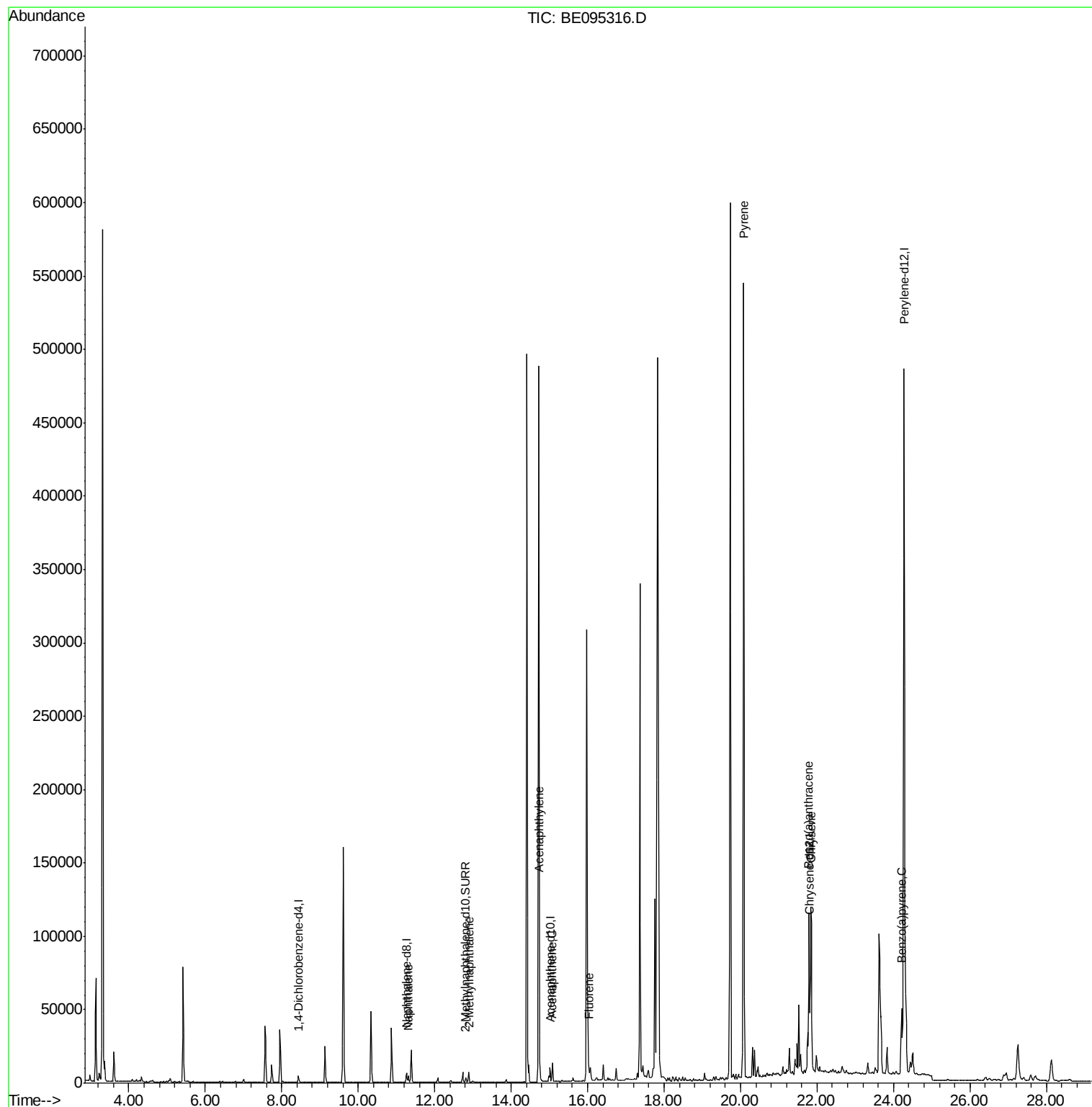
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2776	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8663	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5782	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.71
16) Chrysene-d12	21.80	240	11794	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	606778	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	4168	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11026	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.31	128	6382	0.263	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	5397	0.333	ng/ul	100
7) Acenaphthylene	14.74	152	19168	0.689	ng/ul	97
8) Acenaphthene	15.08	153	7713	0.357	ng/ul	93
9) Fluorene	16.02	166	10489	0.471	ng/ul#	71
17) Pyrene	20.08	202	592164	14.963	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	144579	3.921	ng/ul#	86
19) Chrysene	21.84	228	130137	3.399	ng/ul	94
23) Benzo(a)pyrene	24.21	252	77625	0.041	ng/ul#	82

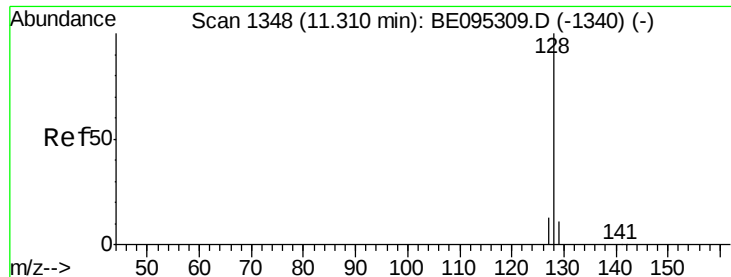
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.263 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Instrument :

BNA_E

ClientSampleId :

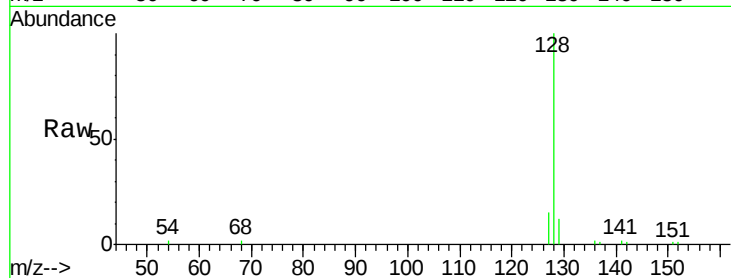
Tot Ion:128 Resp: 6382

Ion Ratio Lower Upper

128 100

129 12.1 11.3 16.9

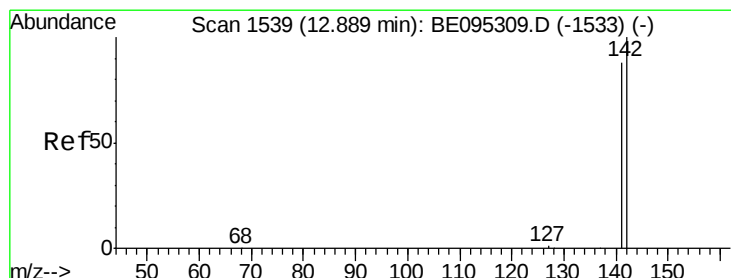
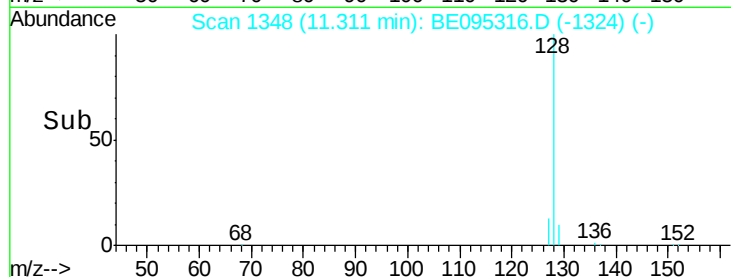
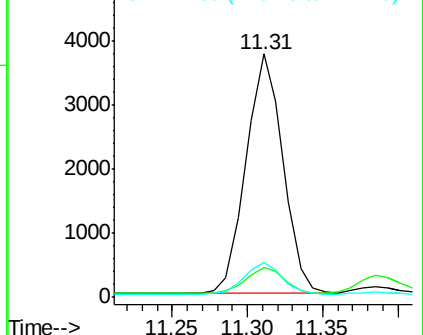
127 14.5 4.0 6.0#



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: 0.333 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095316.D

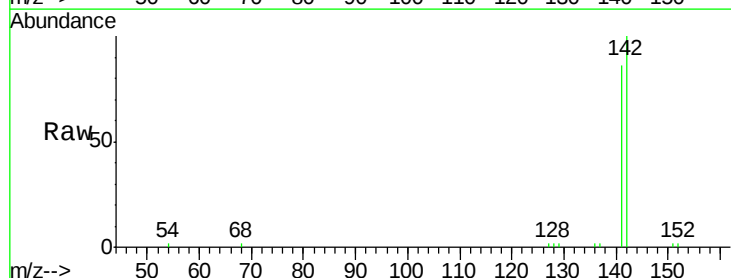
Acq: 31 Jan 2018 14:23

Tgt Ion:142 Resp: 5397

Ion Ratio Lower Upper

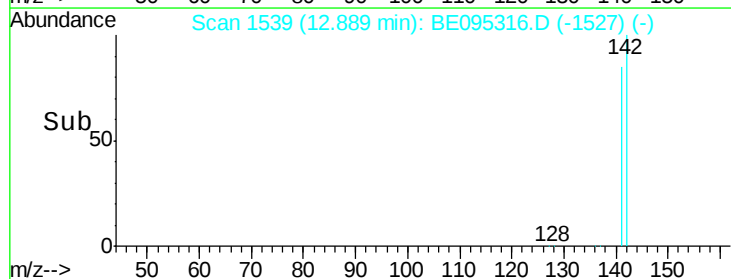
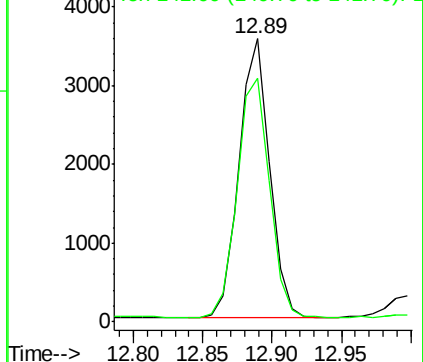
142 100

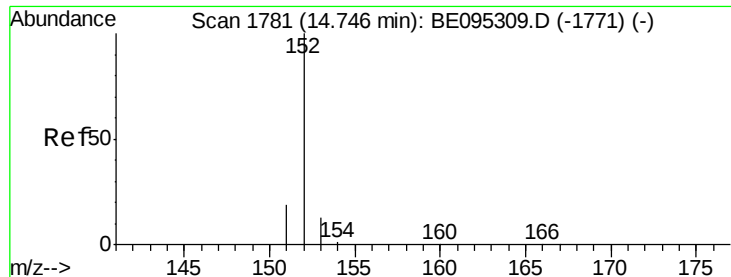
141 90.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.689 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Instrument :

BNA_E

ClientSampleId :

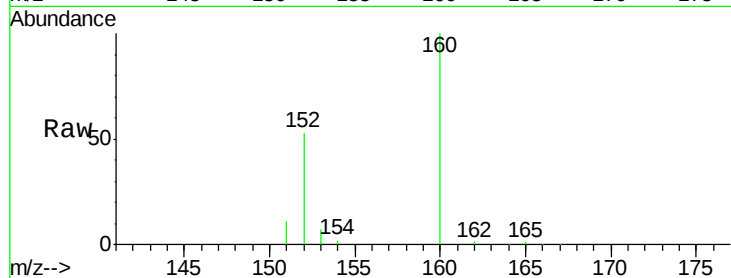
Tot Ion:152 Resp: 19168

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

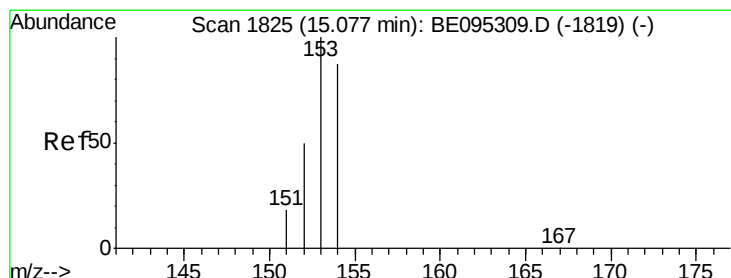
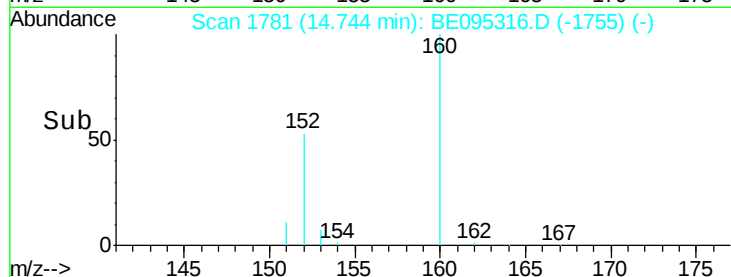
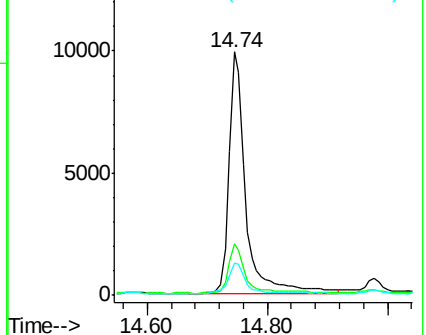
153 13.5 12.8 19.2



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



#8

Acenaphthene

Concen: 0.357 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

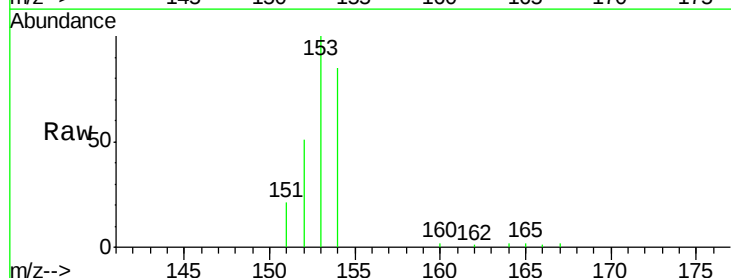
Tgt Ion:153 Resp: 7713

Ion Ratio Lower Upper

153 100

152 51.4 36.0 54.0

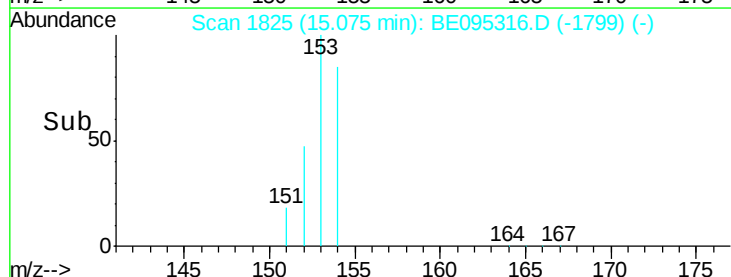
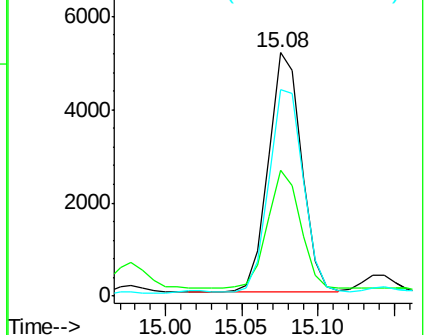
154 84.7 72.0 108.0

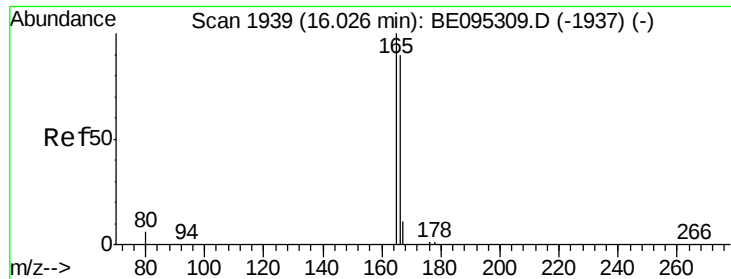


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.471 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Instrument :

BNA_E

ClientSampleId :

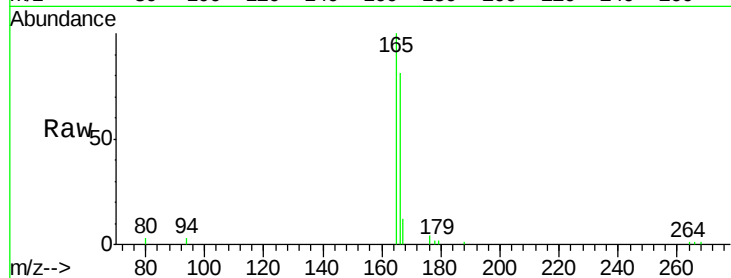
Tot Ion:166 Resp: 10489

Ion Ratio Lower Upper

166 100

165 123.1 73.4 110.2#

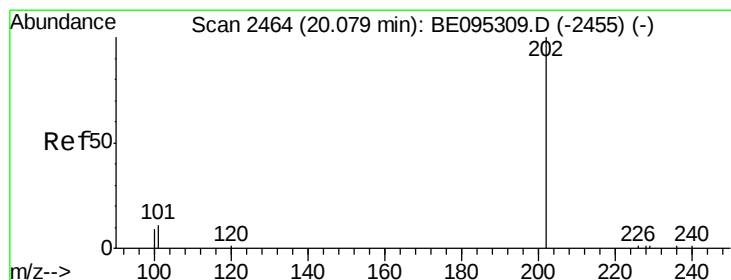
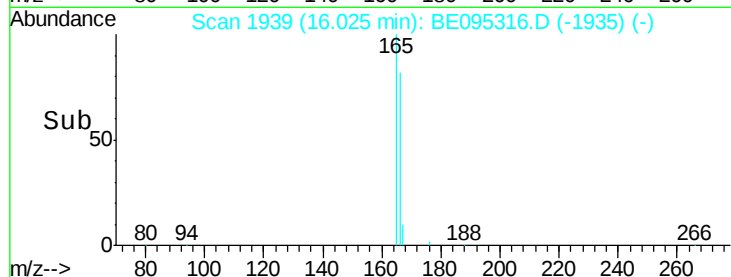
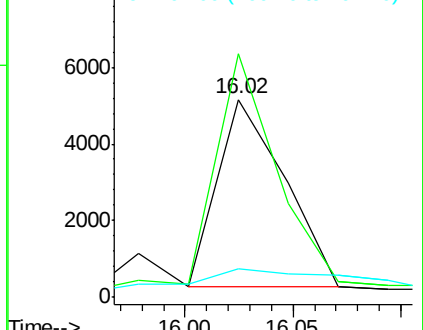
167 14.6 14.6 22.0#



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: 14.963 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

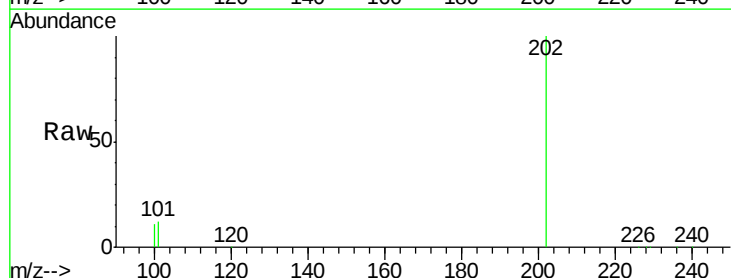
Tgt Ion:202 Resp: 592164

Ion Ratio Lower Upper

202 100

101 12.1 18.2 27.4#

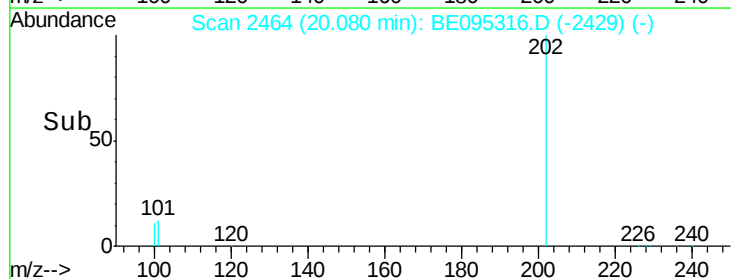
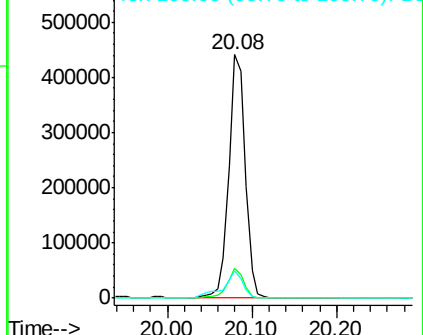
100 11.0 15.6 23.4#

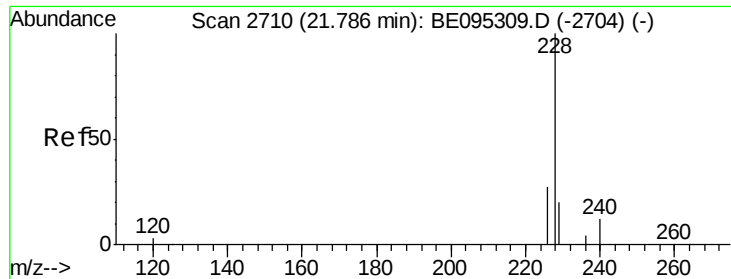


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 3.921 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Instrument :

BNA_E

ClientSampleId :

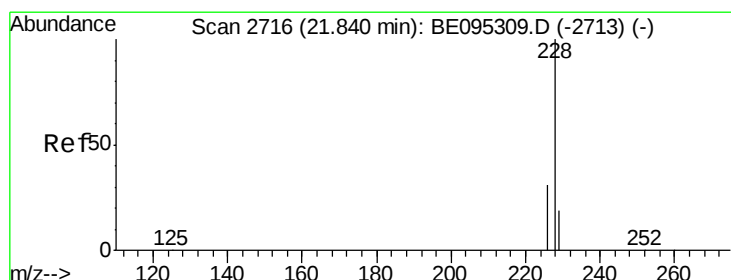
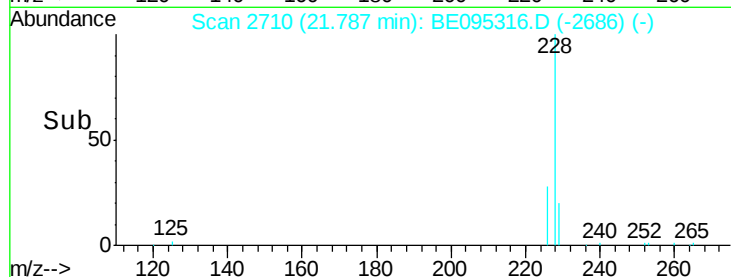
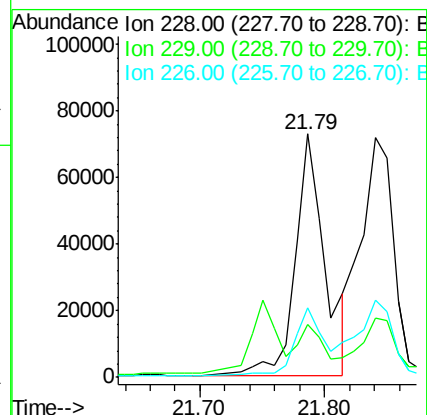
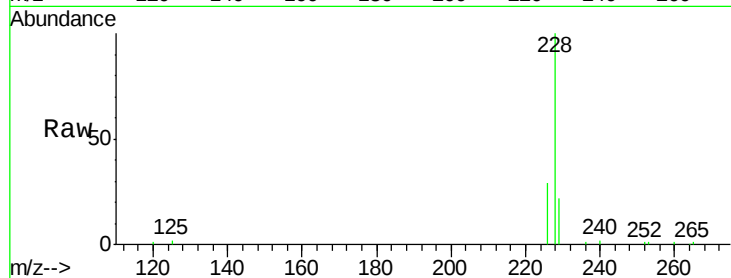
Tot Ion:228 Resp: 144579

Ion Ratio Lower Upper

228 100

229 21.8 22.8 34.2#

226 28.8 17.0 25.6#



#19

Chrysene

Concen: 3.399 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

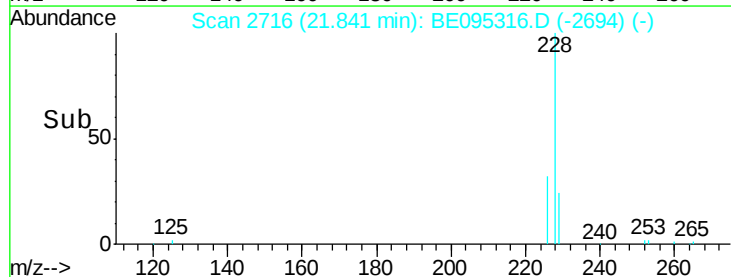
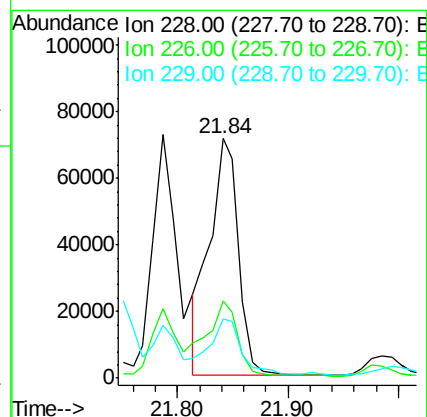
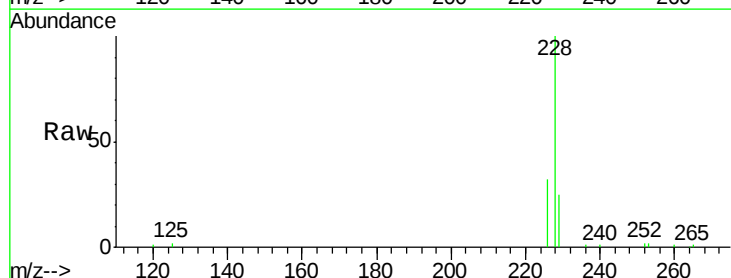
Tgt Ion:228 Resp: 130137

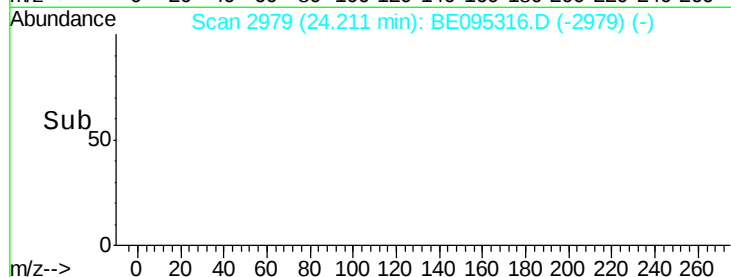
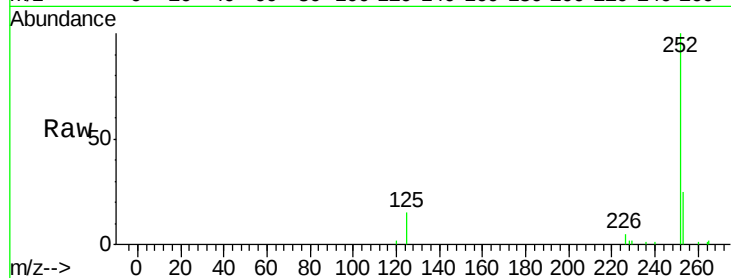
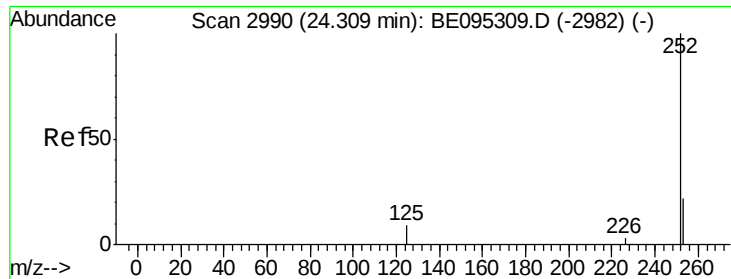
Ion Ratio Lower Upper

228 100

226 32.2 23.4 35.0

229 25.0 17.7 26.5





#23

Benzo(a)pyrene

Concen: 0.041 ng/ul

RT: 24.21 min Scan# 2979

Delta R.T. -0.10 min

Lab File: BE095316.D

Acq: 31 Jan 2018 14:23

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 252 Resp: 77625

Ion Ratio Lower Upper

252 100

253 24.6 28.5 42.7#

125 15.1 18.1 27.1#

