

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095299.D
 Acq On : 31 Jan 2018 4:14
 Operator : SJ/JU
 Sample : J1223-03DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A69DL

Quant Time: Jan 31 08:11:33 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 03:40:45 2018
 Response via : Initial Calibration

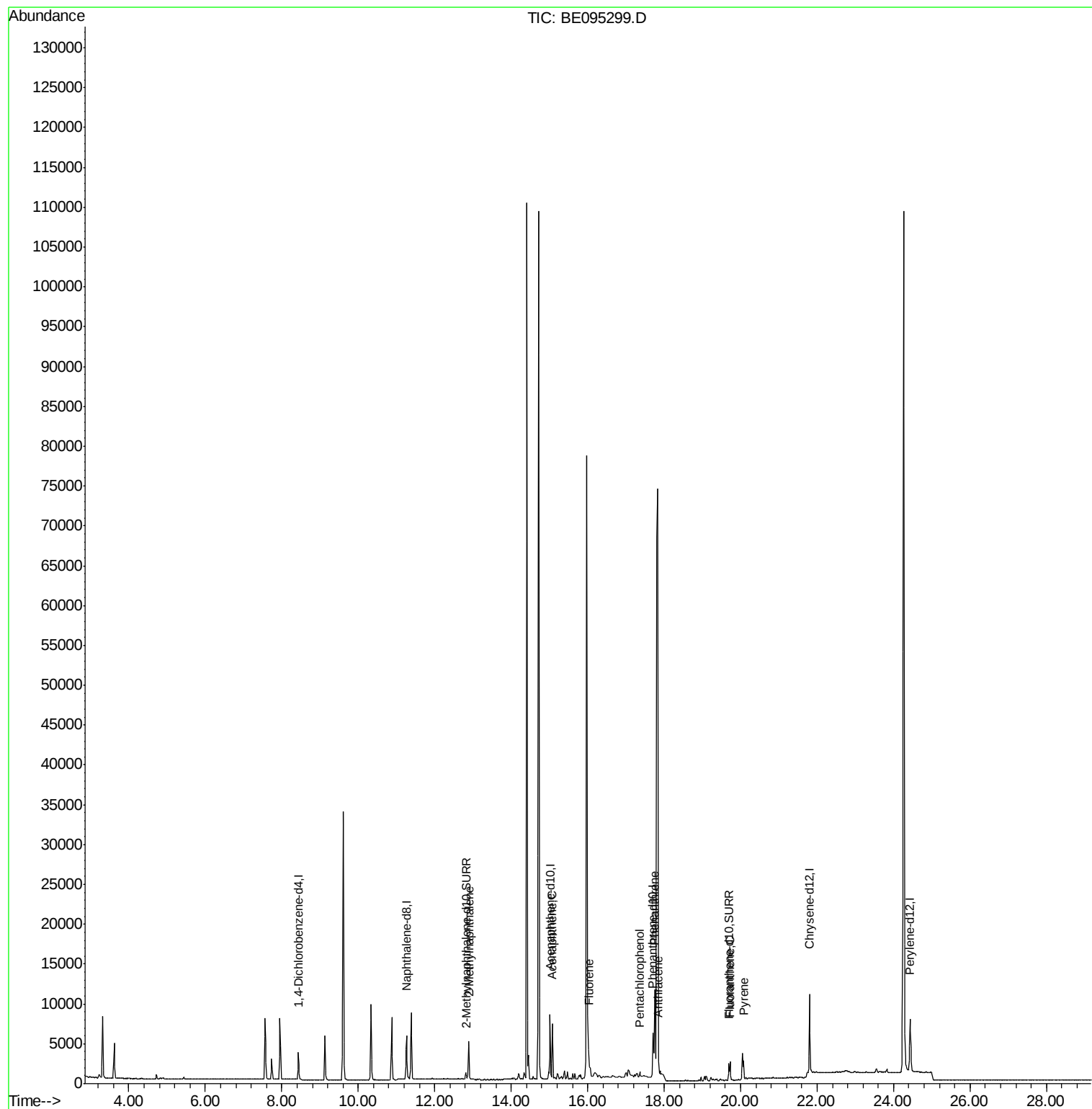
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2408	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7347	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4530	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9240	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	9991	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10232	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	918	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	2305	0.07	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.89	142	3853	0.280	ng/ul	100
8) Acenaphthene	15.08	153	3979	0.235	ng/ul	95
9) Fluorene	16.02	166	3012	0.173	ng/ul#	77
11) Pentachlorophenol	17.36	266	288	0.161	ng/ul	94
12) Phenanthrene	17.75	178	12586	0.405	ng/ul#	88
13) Anthracene	17.84	178	1075	0.038	ng/ul#	94
15) Fluoranthene	19.72	202	2640	0.066	ng/ul	84
17) Pyrene	20.08	202	2799	0.083	ng/ul#	84

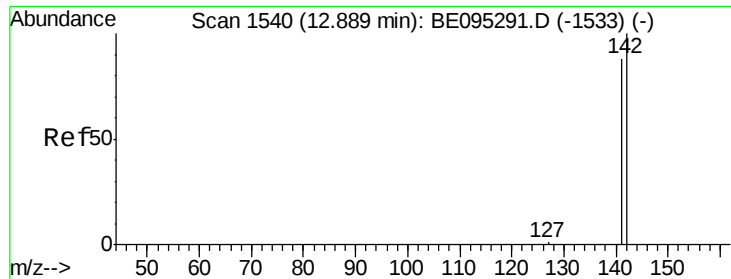
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.280 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095299.D

Acq: 31 Jan 2018 4:14

Instrument :

BNA_E

ClientSampleId :

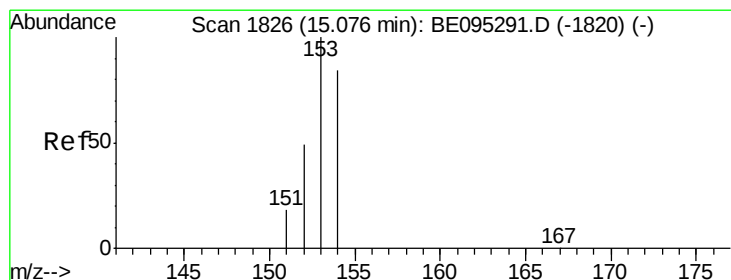
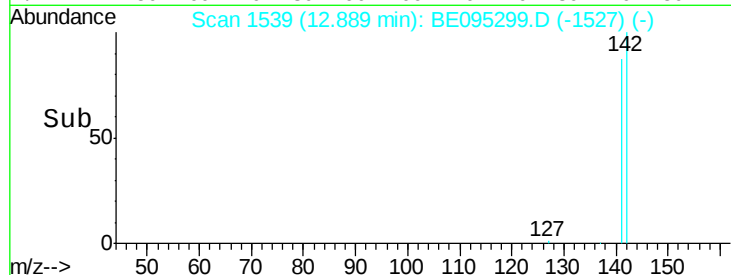
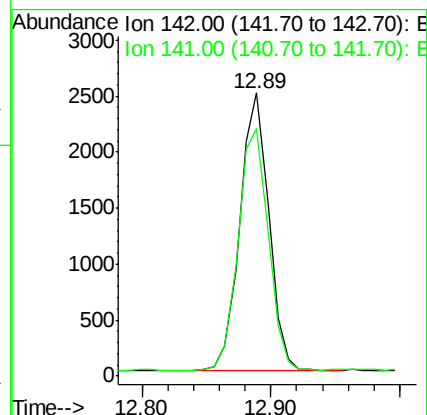
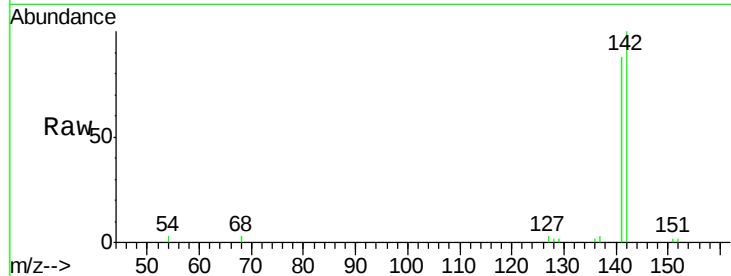
F6A69DL

Tot Ion:142 Resp: 3853

Ion Ratio Lower Upper

142 100

141 90.7 72.6 108.8



#8

Acenaphthene

Concen: 0.235 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BE095299.D

Acq: 31 Jan 2018 4:14

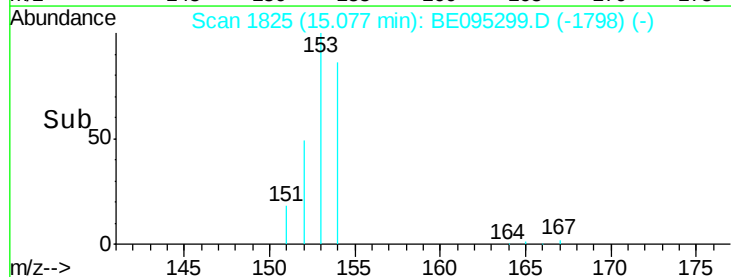
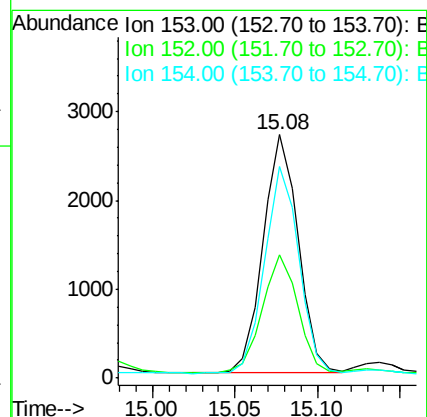
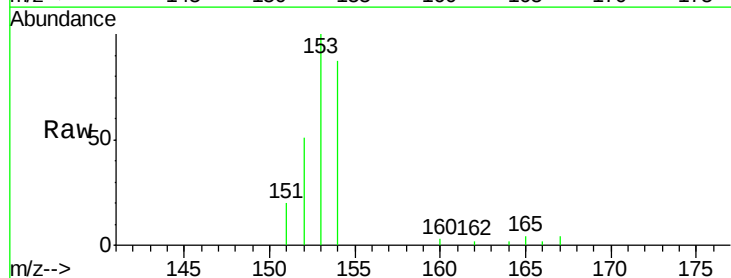
Tgt Ion:153 Resp: 3979

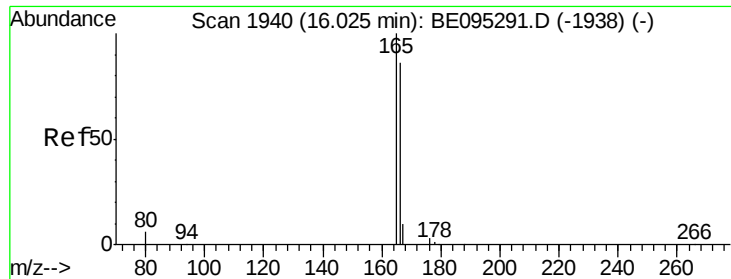
Ion Ratio Lower Upper

153 100

152 50.5 36.0 54.0

154 86.7 72.0 108.0





#9

Fluorene

Concen: 0.173 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095299.D

Acq: 31 Jan 2018 4:14

Instrument :

BNA_E

ClientSampleId :

F6A69DL

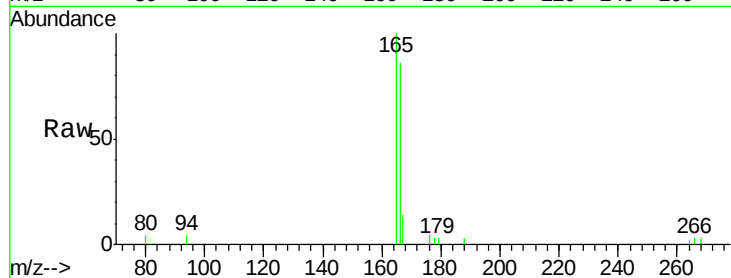
Tot Ion:166 Resp: 3012

Ion Ratio Lower Upper

166 100

165 116.7 73.4 110.2#

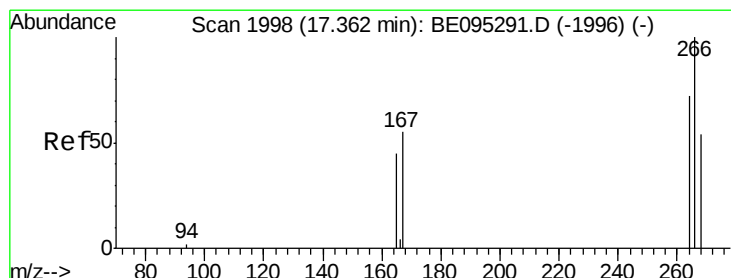
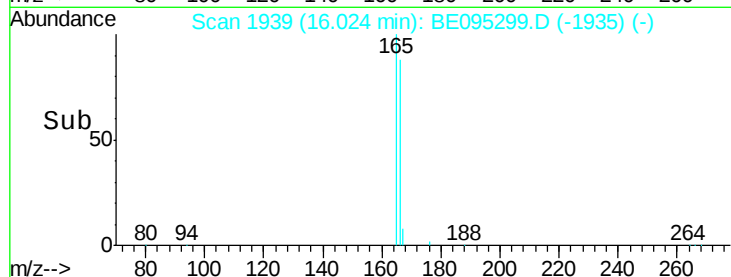
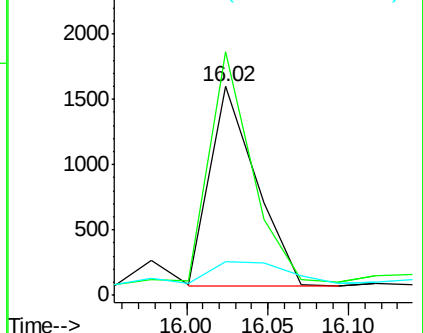
167 16.2 14.6 22.0



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



#11

Pentachlorophenol

Concen: 0.161 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095299.D

Acq: 31 Jan 2018 4:14

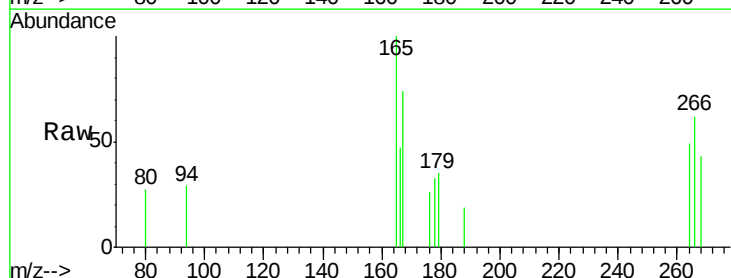
Tgt Ion:266 Resp: 288

Ion Ratio Lower Upper

266 100

264 68.1 47.9 71.9

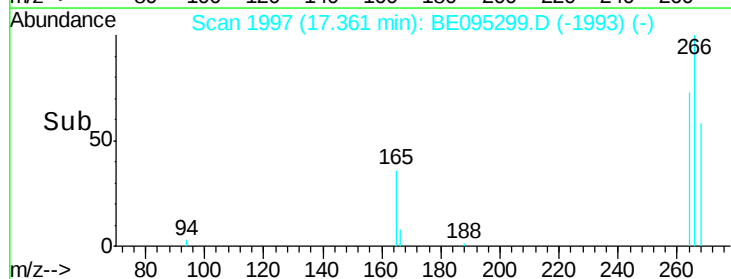
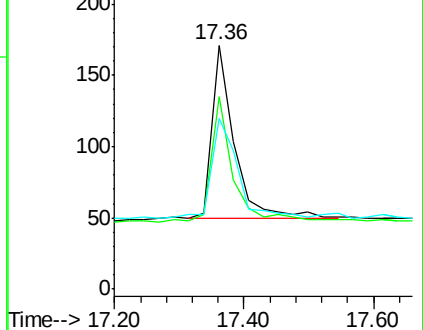
268 61.1 49.8 74.8

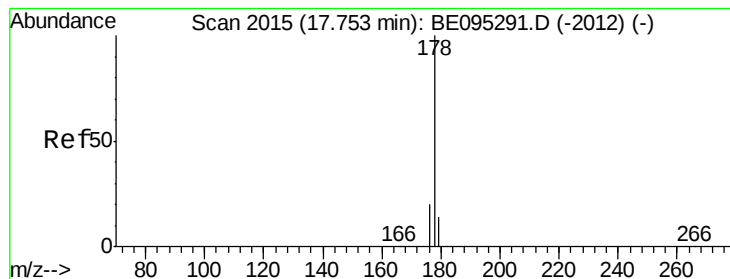


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.405 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095299.D

Acq: 31 Jan 2018 4:14

Instrument :

BNA_E

ClientSampleId :

F6A69DL

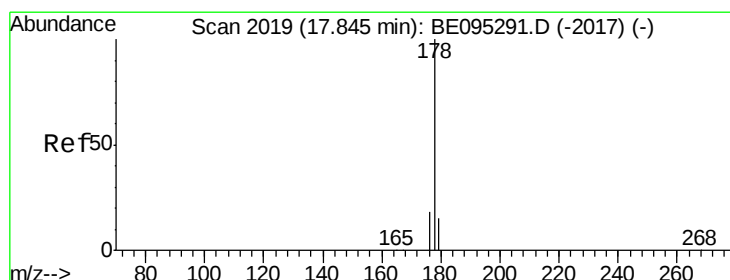
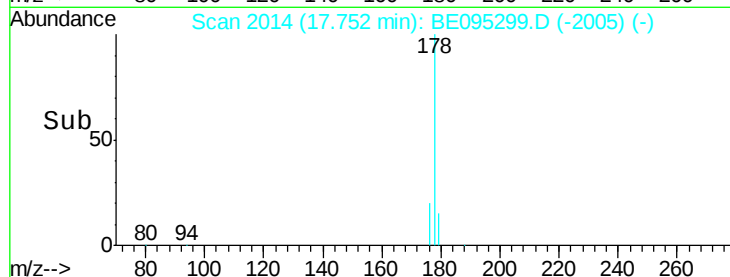
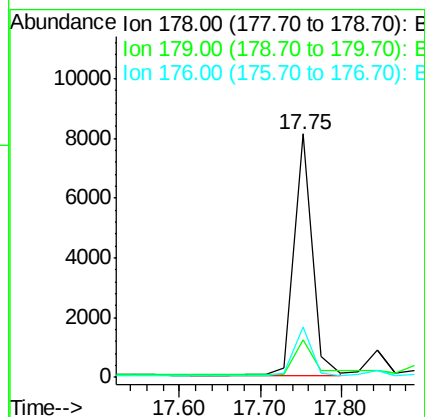
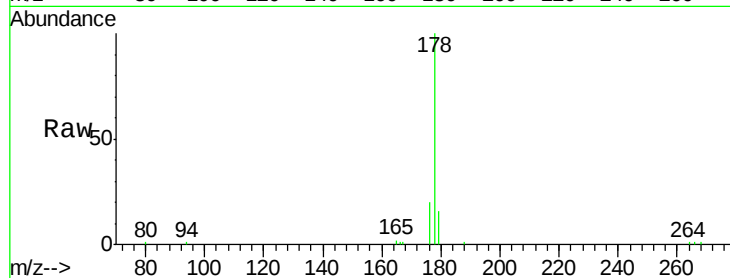
Tot Ion:178 Resp: 12586

Ion Ratio Lower Upper

178 100

179 15.6 18.4 27.6#

176 20.4 13.6 20.4#



#13

Anthracene

Concen: 0.038 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095299.D

Acq: 31 Jan 2018 4:14

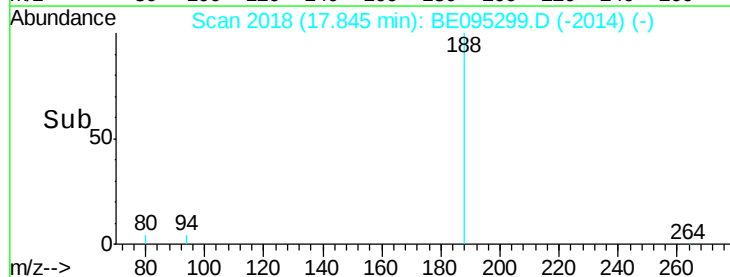
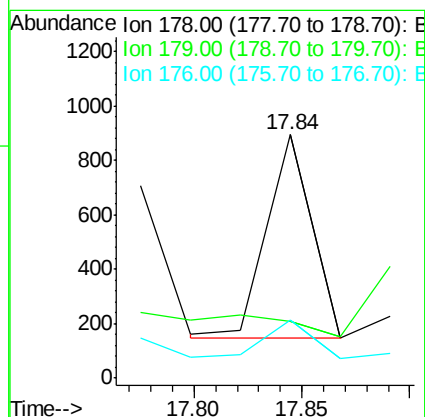
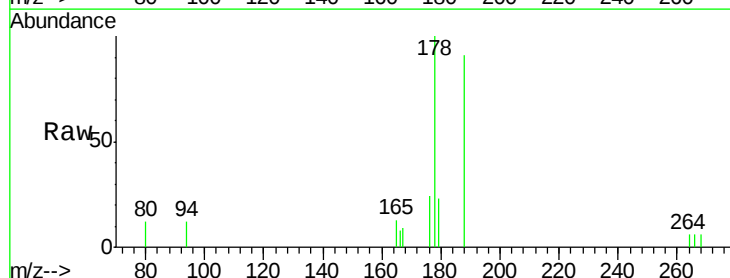
Tgt Ion:178 Resp: 1075

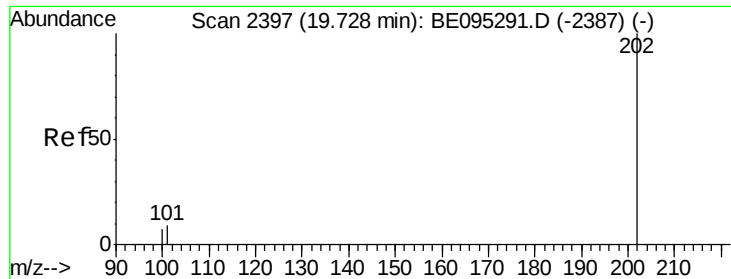
Ion Ratio Lower Upper

178 100

179 23.4 18.1 27.1

176 23.8 14.7 22.1#





#15

Fluoranthene

Concen: 0.066 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095299.D

Acq: 31 Jan 2018 4:14

Instrument :

BNA_E

ClientSampleId :

F6A69DL

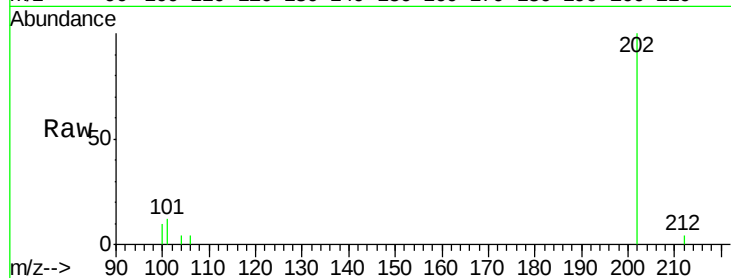
Tot Ion:202 Resp: 2640

Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.3

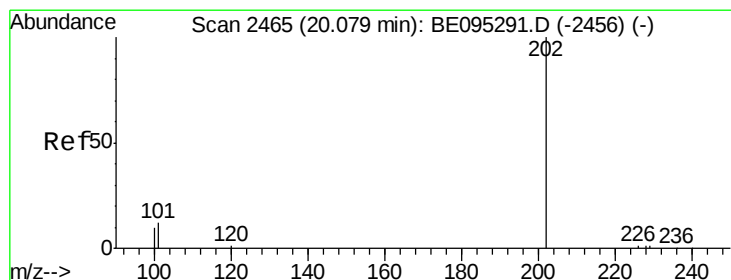
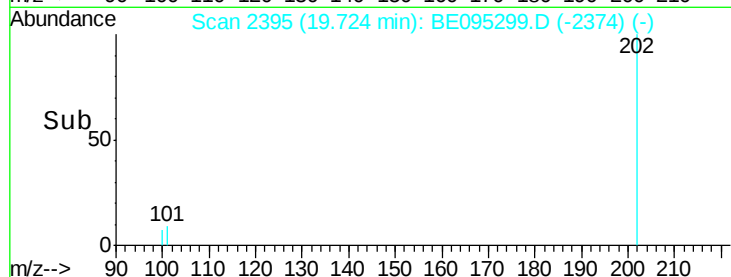
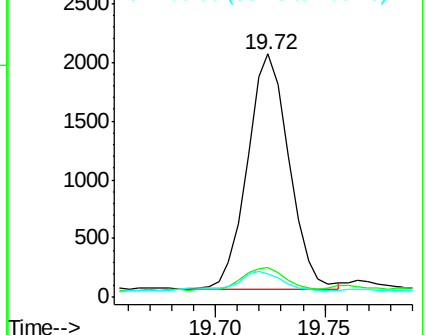
100 9.7 0.0 39.5



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



#17

Pyrene

Concen: 0.083 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095299.D

Acq: 31 Jan 2018 4:14

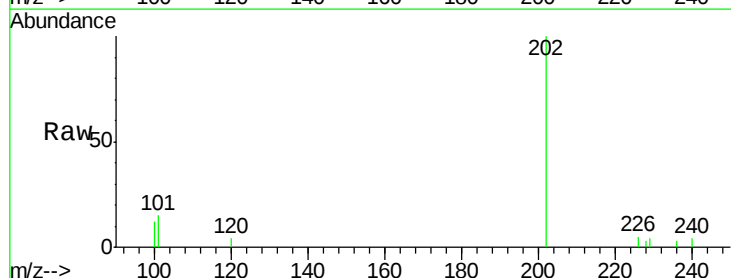
Tgt Ion:202 Resp: 2799

Ion Ratio Lower Upper

202 100

101 15.2 18.2 27.4#

100 12.1 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

