

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096984.D
 Acq On : 18 Jul 2018 7:44
 Operator : SJ/JU
 Sample : J3967-19DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 18 08:54:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 07:15:45 2018
 Response via : Initial Calibration

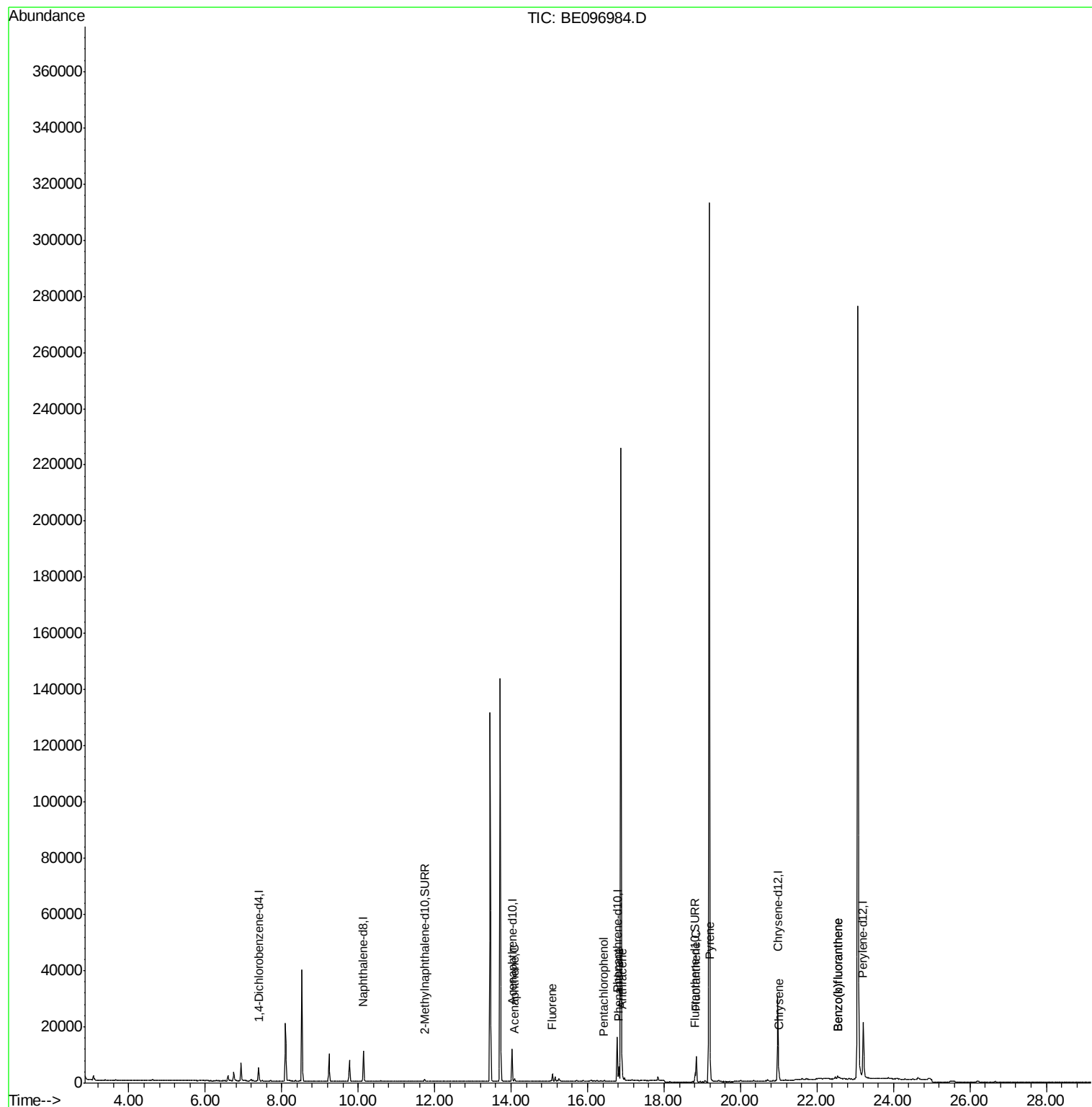
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2223	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	10984	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	6349	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	18181	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	25469	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	28139	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	1122	0.06	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	3659	0.07	ng/ul	0.00
Target Compounds					Ovalue	
8) Acenaphthene	14.09	153	671	0.031	ng/ul#	92
9) Fluorene	15.08	166	1652	0.072	ng/ul	94
11) Pentachlorophenol	16.43	266	84	0.041	ng/ul	95
12) Phenanthrene	16.81	178	5818	0.122	ng/ul#	89
13) Anthracene	16.90	178	2291	0.055	ng/ul#	83
15) Fluoranthene	18.84	202	9907	0.157	ng/ul	84
17) Pyrene	19.21	202	7192	0.098	ng/ul#	84
19) Chrysene	21.01	228	2276	0.030	ng/ul#	89
21) Benzo(b)fluoranthene	22.54	252	2163	0.027	ng/ul	86
22) Benzo(k)fluoranthene	22.54	252	2165	0.026	ng/ul#	84

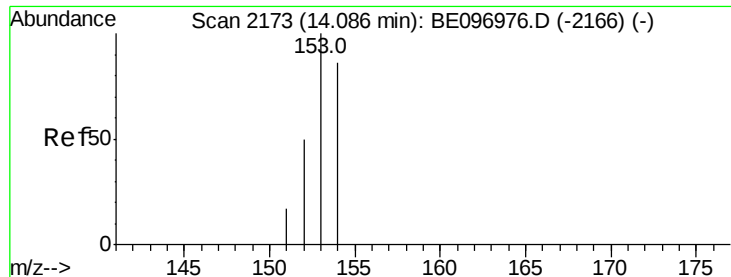
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.031 ng/ul

RT: 14.09 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BE096984.D

Acq: 18 Jul 2018 7:44

Instrument :

BNA_E

ClientSampleId :

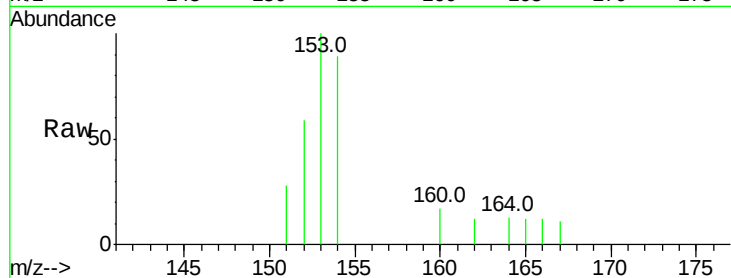
Tot Ion:153 Resp: 671

Ion Ratio Lower Upper

153 100

152 58.7 36.0 54.0#

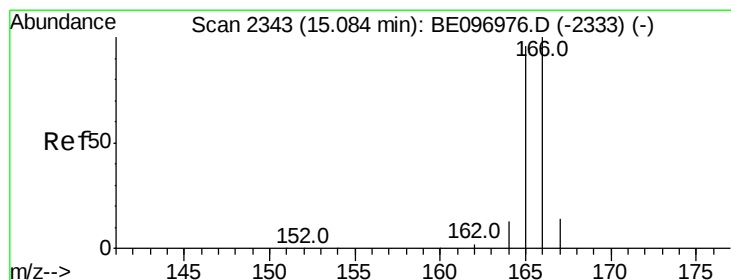
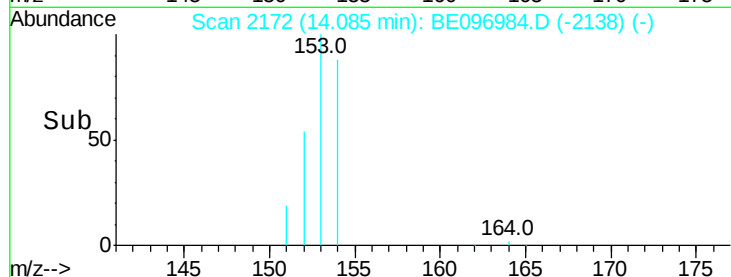
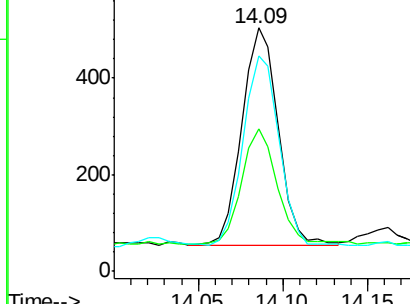
154 88.7 72.0 108.0



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: 0.072 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BE096984.D

Acq: 18 Jul 2018 7:44

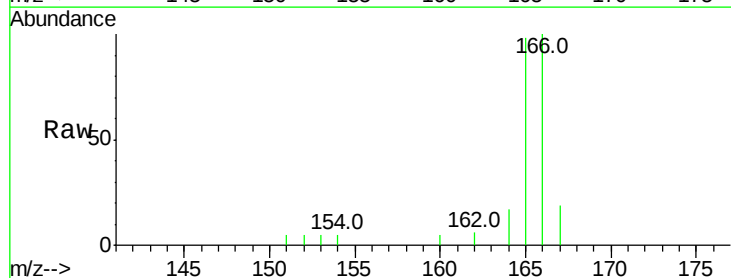
Tgt Ion:166 Resp: 1652

Ion Ratio Lower Upper

166 100

165 98.1 73.4 110.2

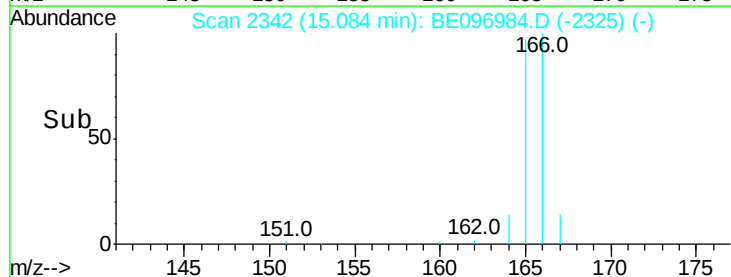
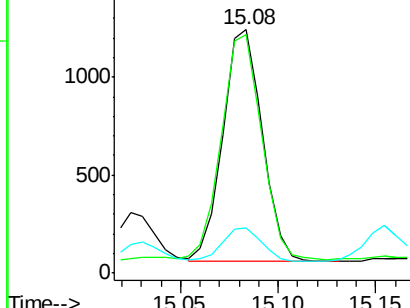
167 18.5 14.6 22.0

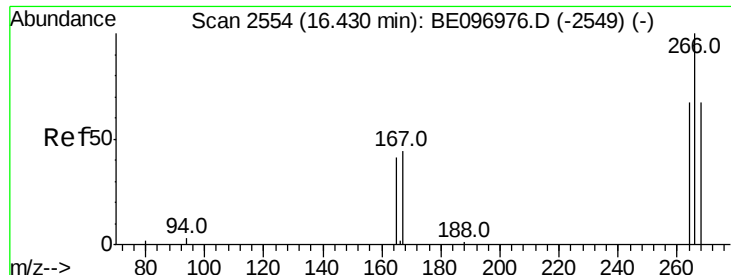


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#11

Pentachlorophenol

Concen: 0.041 ng/ul

RT: 16.43 min Scan# 2553

Delta R.T. 0.00 min

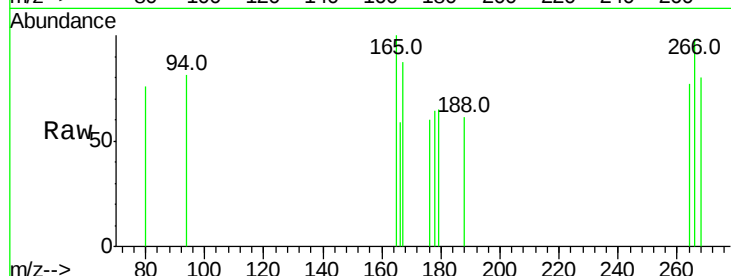
Lab File: BE096984.D

Acq: 18 Jul 2018 7:44

Instrument :

BNA_E

ClientSampleId :



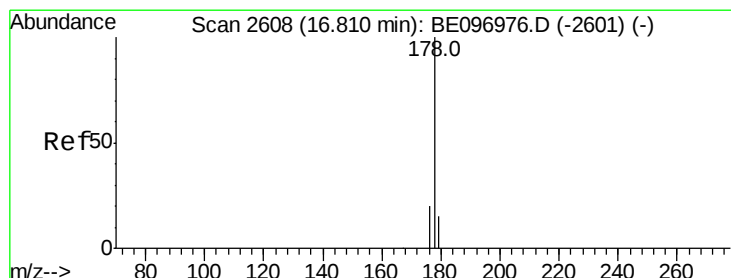
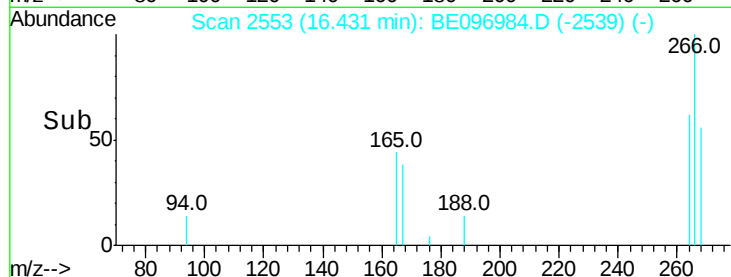
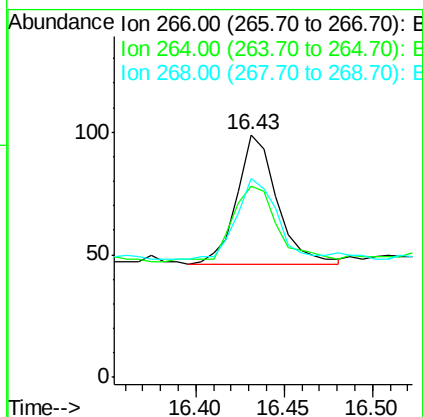
Tot Ion:266 Resp: 84

Ion Ratio Lower Upper

266 100

264 66.7 47.9 71.9

268 63.1 49.8 74.8



#12

Phenanthrene

Concen: 0.122 ng/ul

RT: 16.81 min Scan# 2607

Delta R.T. 0.00 min

Lab File: BE096984.D

Acq: 18 Jul 2018 7:44

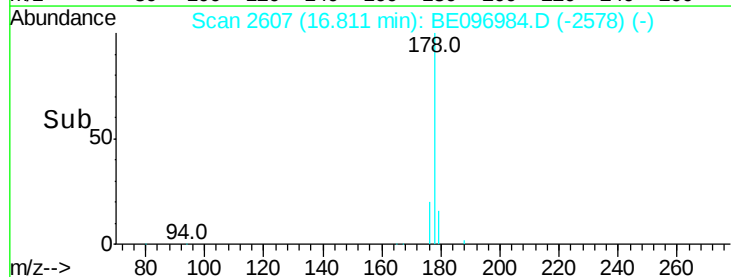
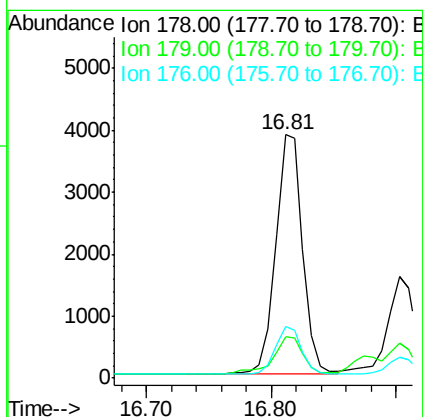
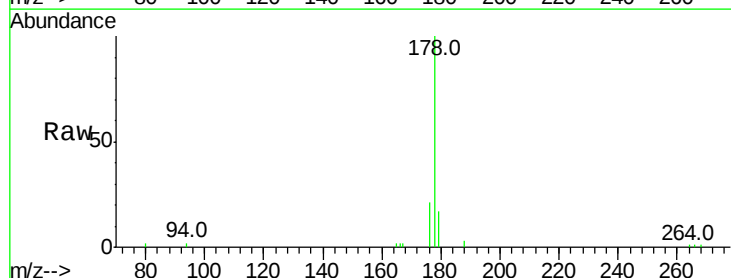
Tgt Ion:178 Resp: 5818

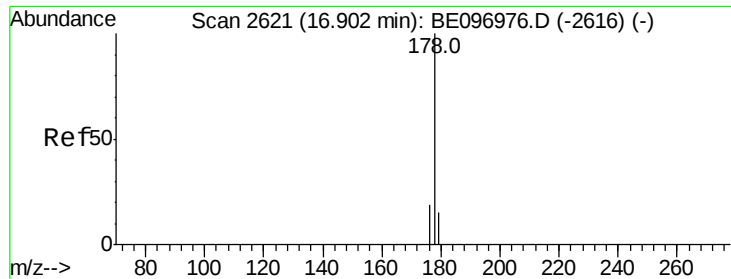
Ion Ratio Lower Upper

178 100

179 17.3 18.4 27.6#

176 21.4 13.6 20.4#





#13

Anthracene

Concen: 0.055 ng/ul

RT: 16.90 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BE096984.D

Acq: 18 Jul 2018 7:44

Instrument :

BNA_E

ClientSampleId :

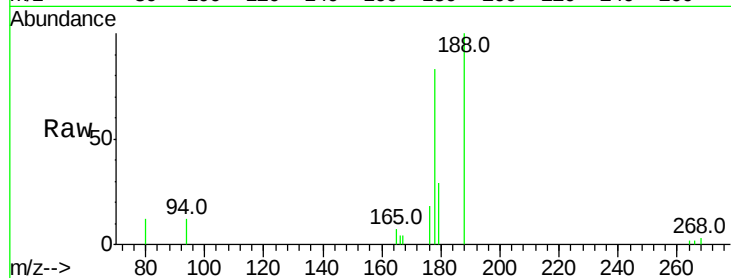
Tot Ion:178 Resp: 2291

Ion Ratio Lower Upper

178 100

179 35.2 18.1 27.1#

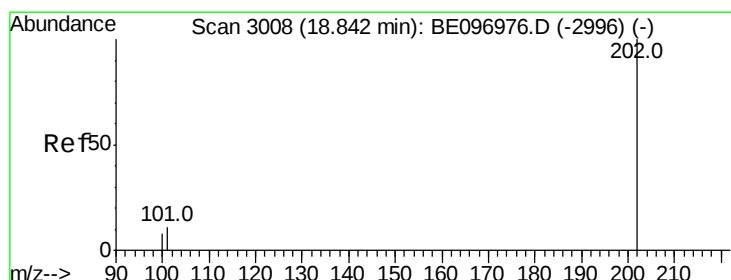
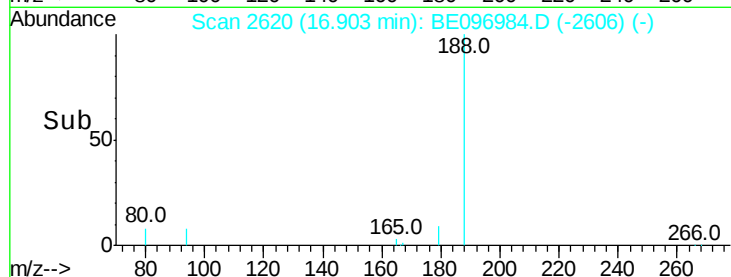
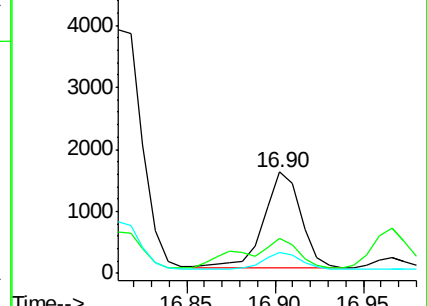
176 21.1 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.157 ng/ul

RT: 18.84 min Scan# 3007

Delta R.T. -0.00 min

Lab File: BE096984.D

Acq: 18 Jul 2018 7:44

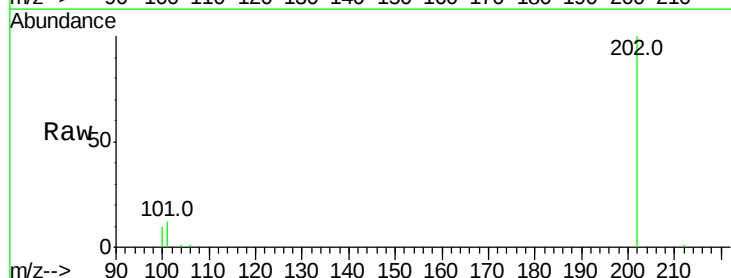
Tgt Ion:202 Resp: 9907

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.3

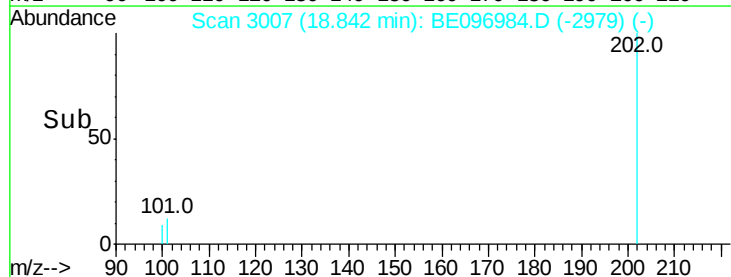
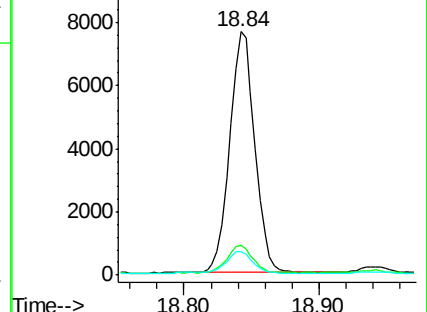
100 9.7 0.0 39.5

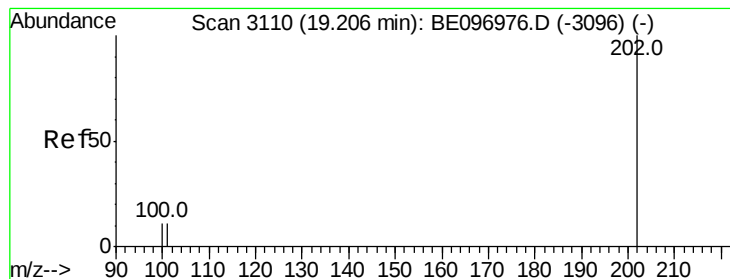


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.098 ng/ul

RT: 19.21 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BE096984.D

Acq: 18 Jul 2018 7:44

Instrument :

BNA_E

ClientSampleId :

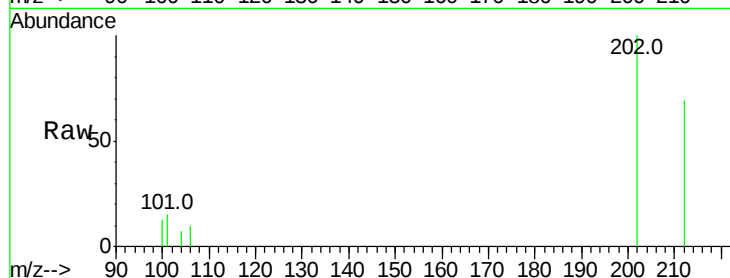
Tot Ion:202 Resp: 7192

Ion Ratio Lower Upper

202 100

101 14.6 18.2 27.4#

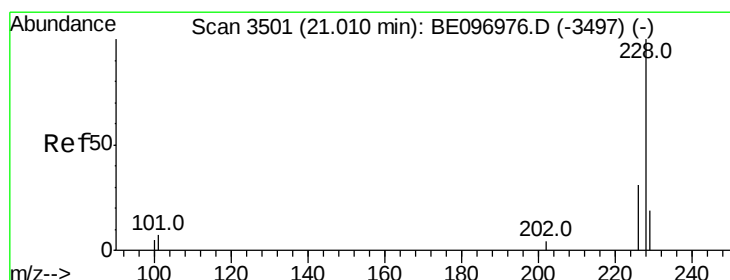
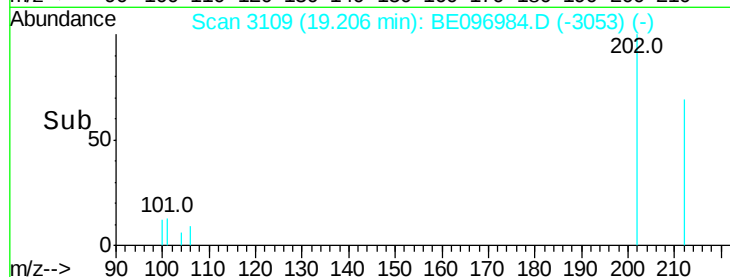
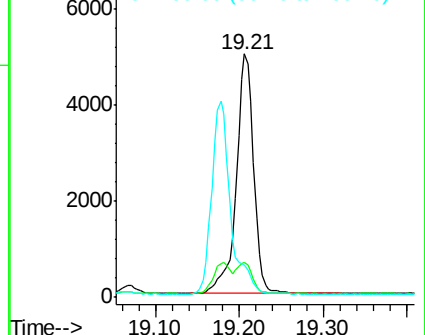
100 13.2 15.6 23.4#



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



#19

Chrysene

Concen: 0.030 ng/ul

RT: 21.01 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BE096984.D

Acq: 18 Jul 2018 7:44

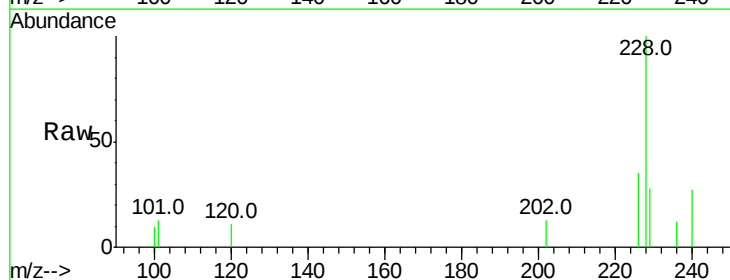
Tgt Ion:228 Resp: 2276

Ion Ratio Lower Upper

228 100

226 34.6 23.4 35.0

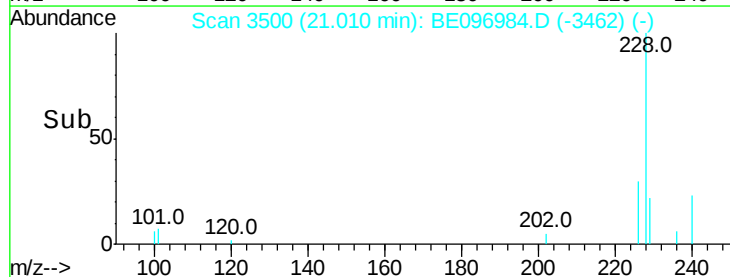
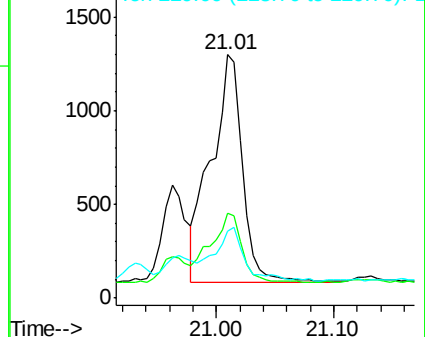
229 27.5 17.7 26.5#

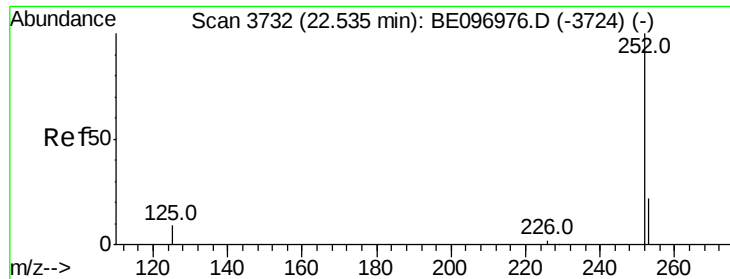


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.027 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE096984.D

Acq: 18 Jul 2018 7:44

Instrument :

BNA_E

ClientSampleId :

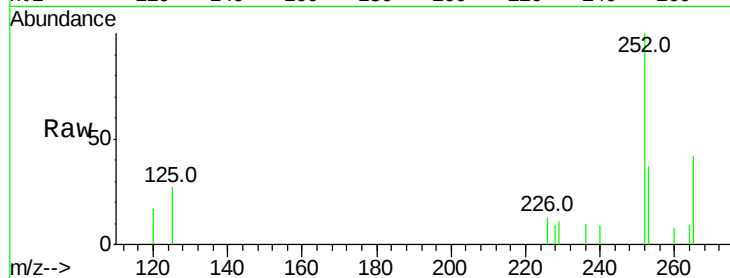
Tot Ion:252 Resp: 2163

Ion Ratio Lower Upper

252 100

253 37.4 0.0 64.2

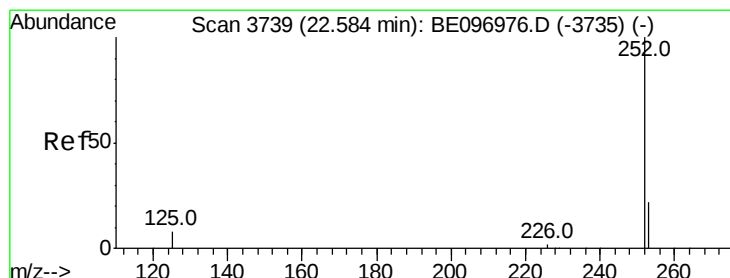
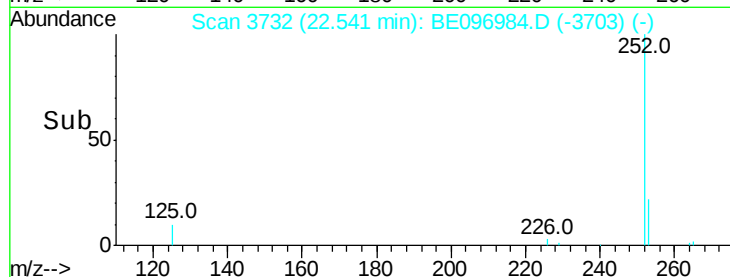
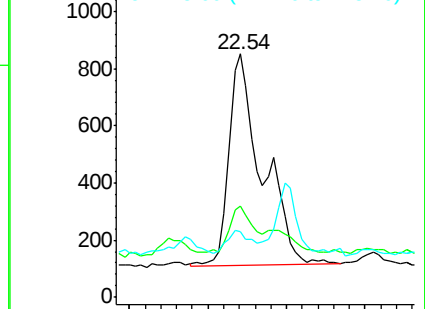
125 26.8 0.0 35.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.026 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. -0.04 min

Lab File: BE096984.D

Acq: 18 Jul 2018 7:44

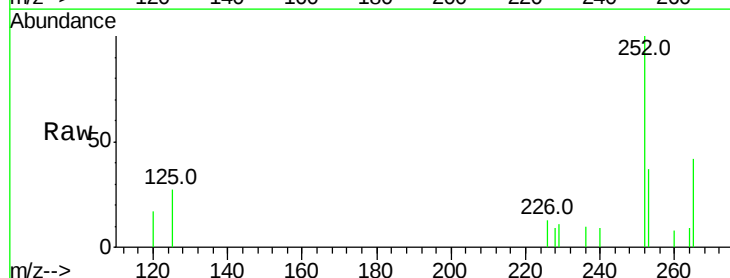
Tgt Ion:252 Resp: 2165

Ion Ratio Lower Upper

252 100

253 37.4 24.5 36.7#

125 26.8 13.7 20.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

