

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096190.D
 Acq On : 26 Apr 2018 21:43
 Operator : SJ/JU
 Sample : J2449-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 27 05:01:47 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration

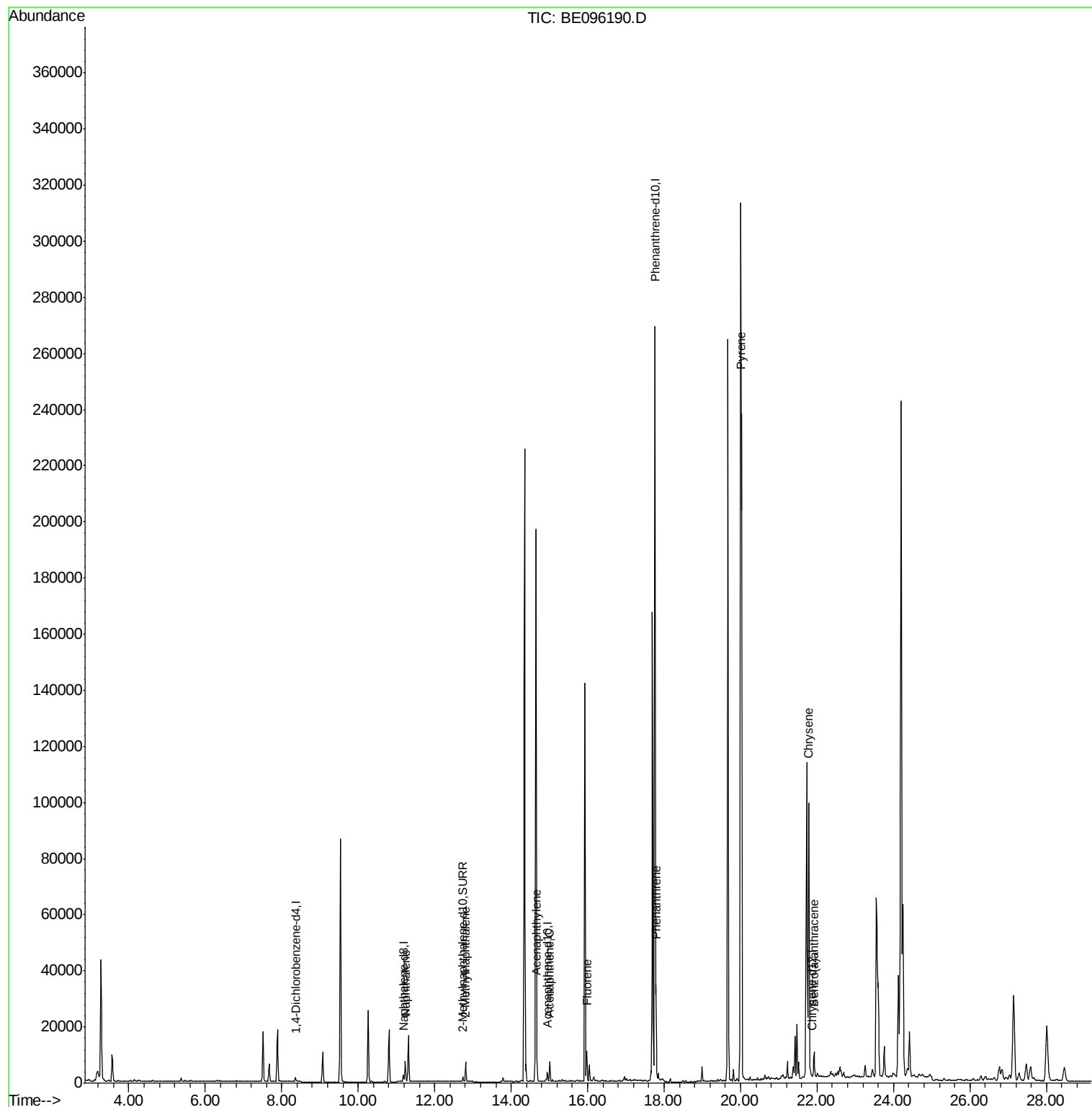
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	770	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3185	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1886	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.76	188	326263	0.40	ng/ul	0.10
16) Chrysene-d12	21.87	240	43	0.40	ng/ul	0.13
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-24.35
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2249	0.38	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	11.23	128	10156	1.145	ng/ul#	89
5) 2-Methylnaphthalene	12.81	142	5689	0.957	ng/ul	100
7) Acenaphthylene	14.68	152	4938	0.508	ng/ul	99
8) Acenaphthene	15.01	153	4057	0.579	ng/ul	91
9) Fluorene	15.98	166	7415	0.799	ng/ul	92
12) Phenanthrene	17.79	178	32257	0.034	ng/ul#	89
17) Pyrene	20.03	202	211854	2455.858	ng/ul#	77
18) Benzo(a)anthracene	21.92	228	6918	53.141	ng/ul#	52
19) Chrysene	21.79	228	99615	832.724	ng/ul	97

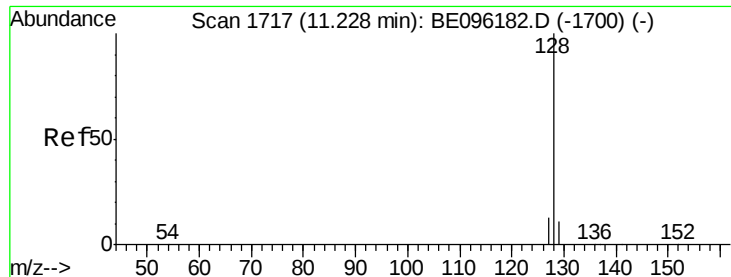
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.145 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. 0.01 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

Instrument :

BNA_E

ClientSampleId :

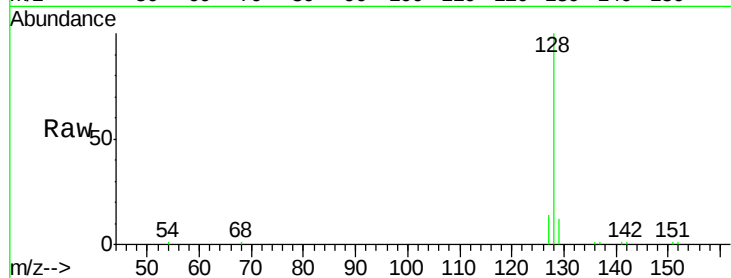
Tot Ion:128 Resp: 10156

Ion Ratio Lower Upper

128 100

129 11.6 11.3 16.9

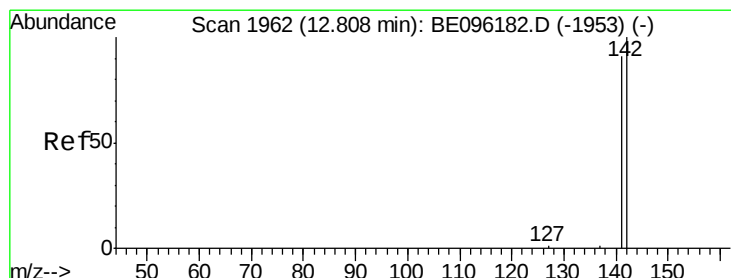
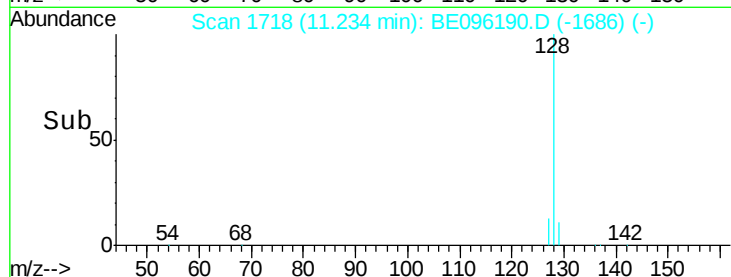
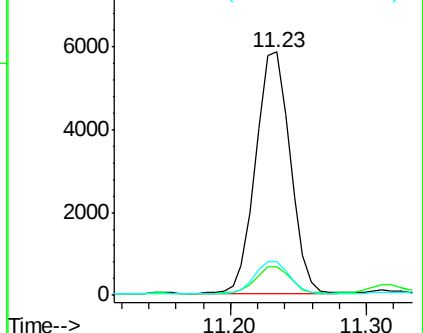
127 13.7 4.0 6.0#



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: 0.957 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BE096190.D

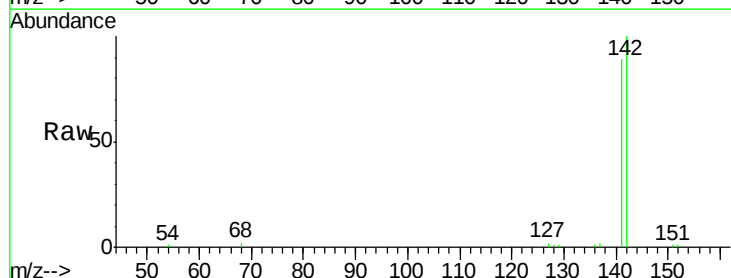
Acq: 26 Apr 2018 21:43

Tgt Ion:142 Resp: 5689

Ion Ratio Lower Upper

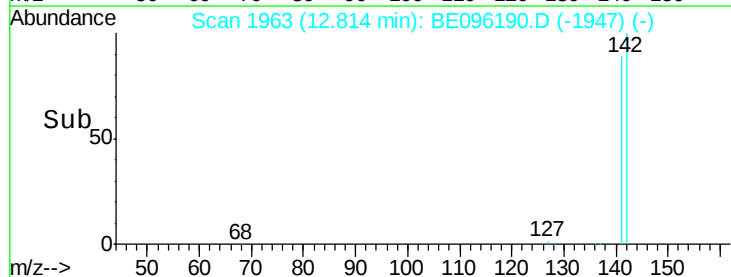
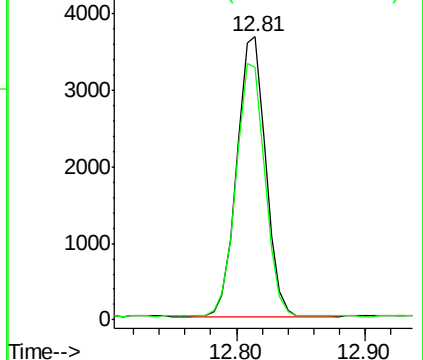
142 100

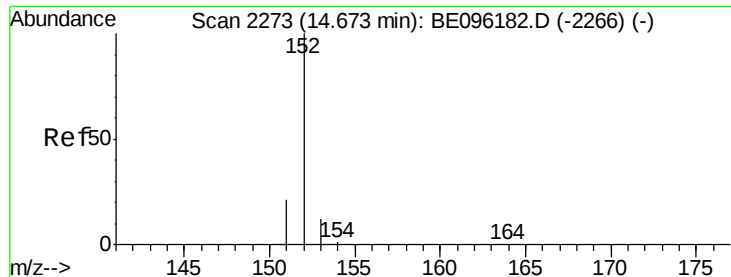
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.508 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

Instrument :

BNA_E

ClientSampleId :

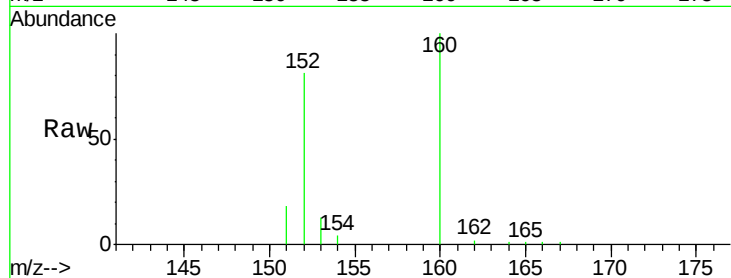
Tot Ion:152 Resp: 4938

Ion Ratio Lower Upper

152 100

151 21.9 17.1 25.7

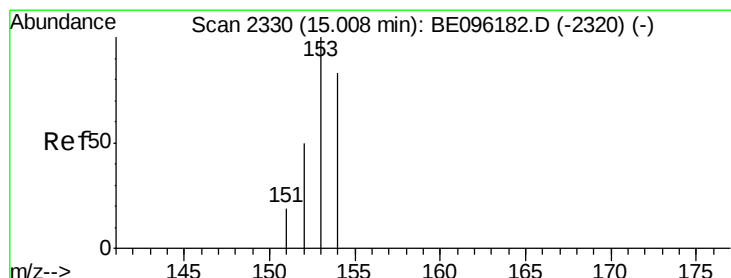
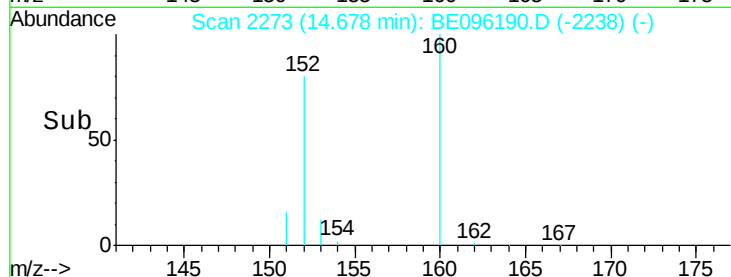
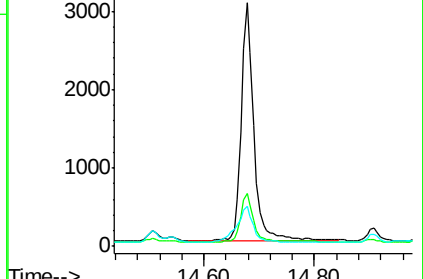
153 16.3 12.8 19.2



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: 0.579 ng/ul

RT: 15.01 min Scan# 2329

Delta R.T. -0.00 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

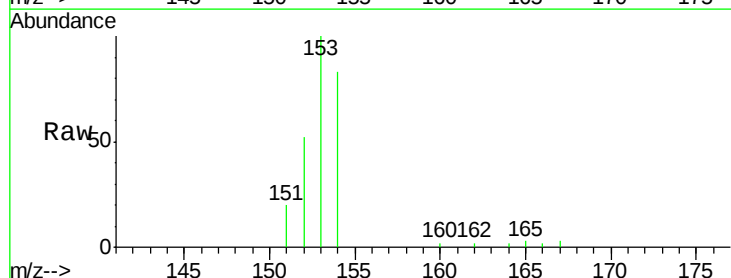
Tgt Ion:153 Resp: 4057

Ion Ratio Lower Upper

153 100

152 51.5 36.0 54.0

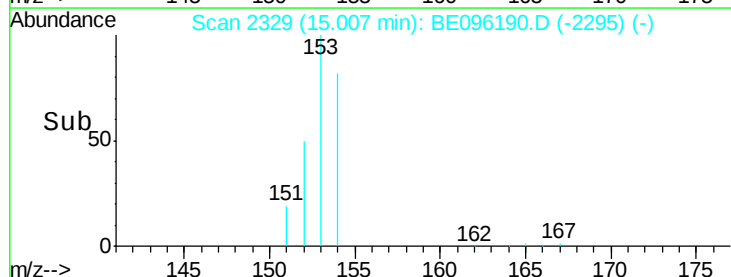
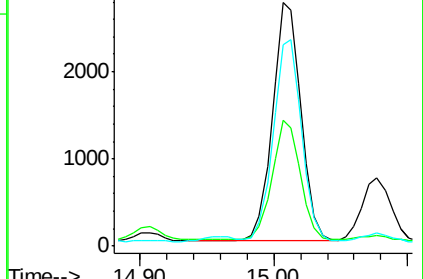
154 82.6 72.0 108.0

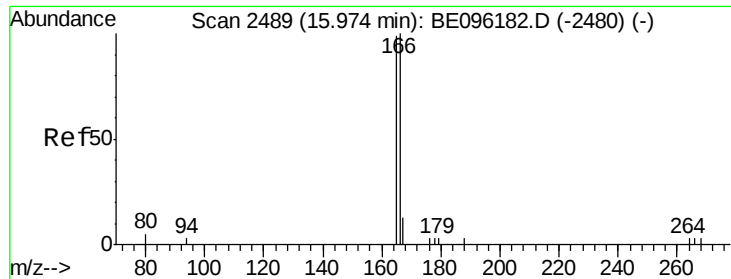


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.799 ng/ul

RT: 15.98 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

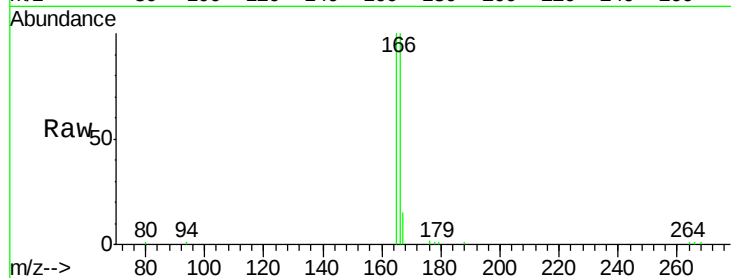
Instrument :

BNA_E

ClientSampleId :

Tot Ion:166 Resp: 7415

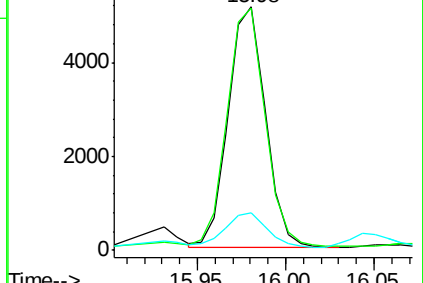
Ion	Ratio	Lower	Upper
166	100		
165	99.8	73.4	110.2
167	15.2	14.6	22.0



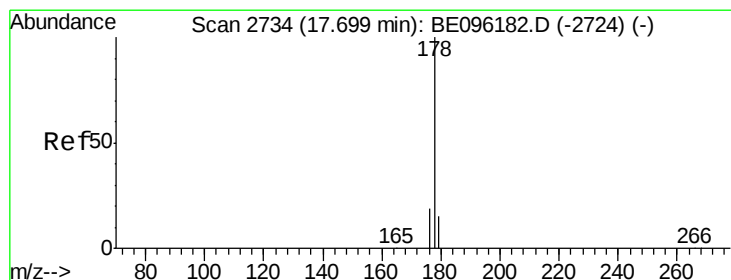
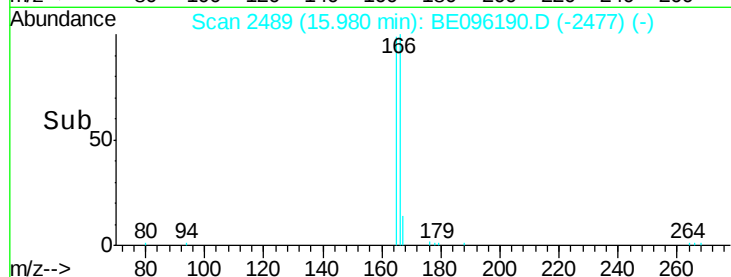
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#12

Phenanthrene

Concen: 0.034 ng/ul

RT: 17.79 min Scan# 2746

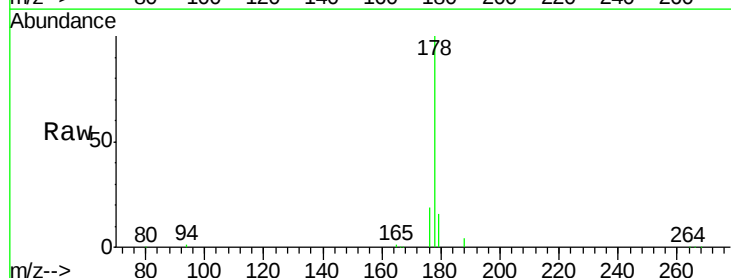
Delta R.T. 0.09 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

Tgt Ion:178 Resp: 32257

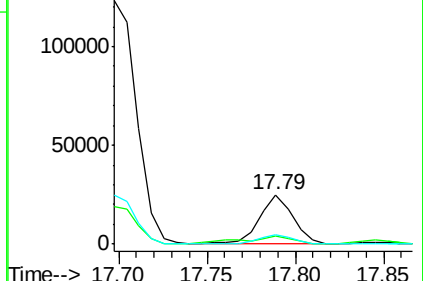
Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	19.2	13.6	20.4



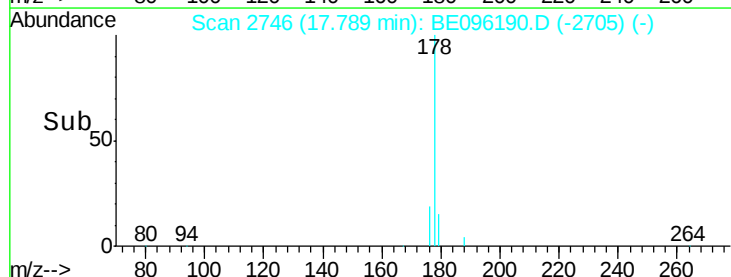
Abundance Ion 178.00 (177.70 to 178.70): E

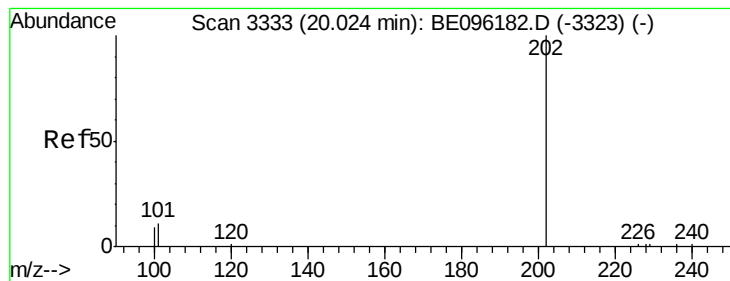
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#17

Pvrene

Concen: 2455.858 ng/ul

RT: 20.03 min Scan# 3333

Delta R.T. 0.00 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

Instrument :

BNA_E

ClientSampled :

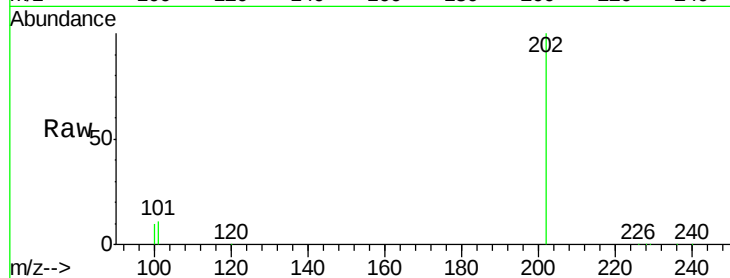
Tot Ion:202 Resp: 211854

Ion Ratio Lower Upper

202 100

101 10.7 18.2 27.4#

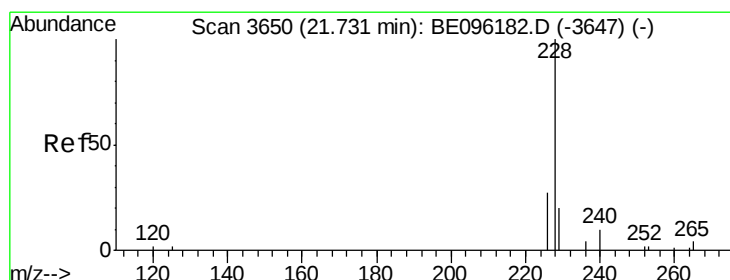
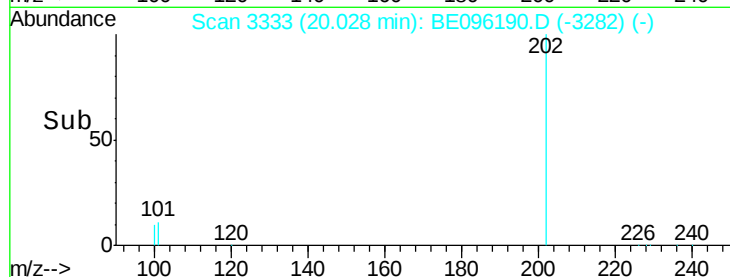
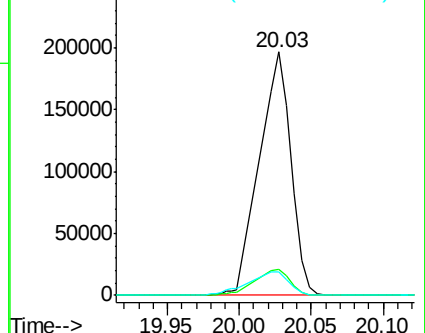
100 9.6 15.6 23.4#



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: 53.141 ng/ul

RT: 21.92 min Scan# 3676

Delta R.T. 0.19 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

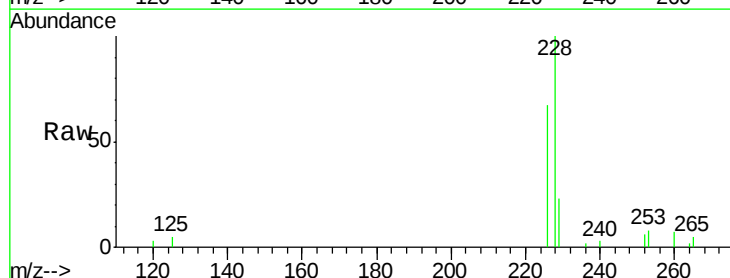
Tgt Ion:228 Resp: 6918

Ion Ratio Lower Upper

228 100

229 22.8 22.8 34.2#

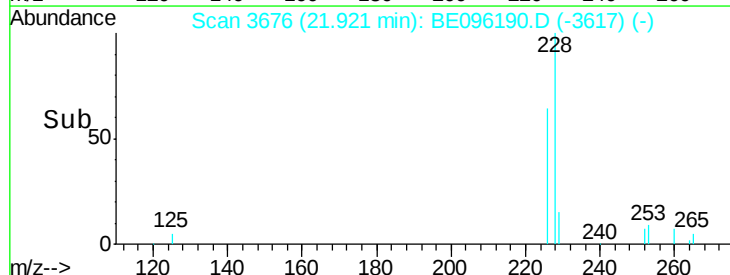
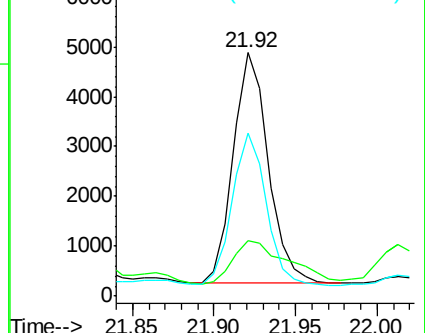
226 66.9 17.0 25.6#

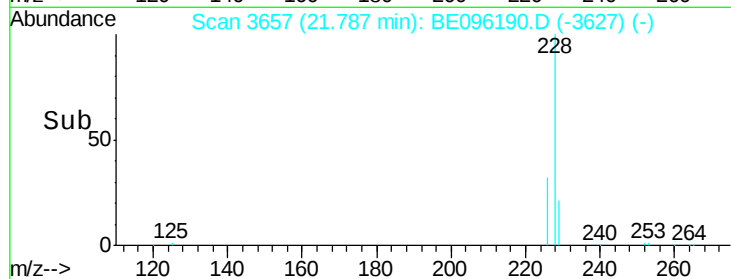
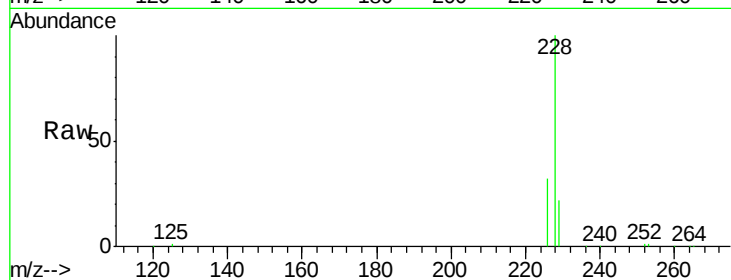
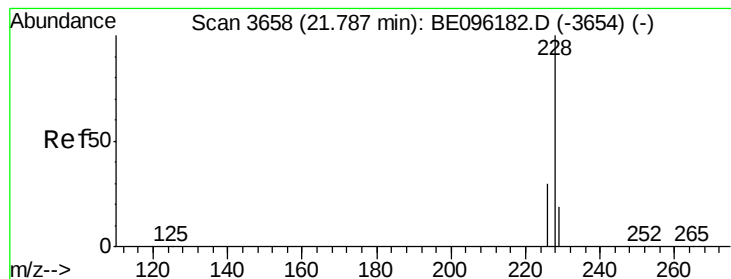


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 832.724 ng/ul

RT: 21.79 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BE096190.D

Acq: 26 Apr 2018 21:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 228 Resp: 99615

Ion Ratio Lower Upper

228 100

226 31.8 23.4 35.0

229 21.7 17.7 26.5

