

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094408.D
 Acq On : 16 Oct 2017 00:16
 Operator : SJ/JU
 Sample : I5522-13
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 07:55:05 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 07:45:00 2017
 Response via : Initial Calibration

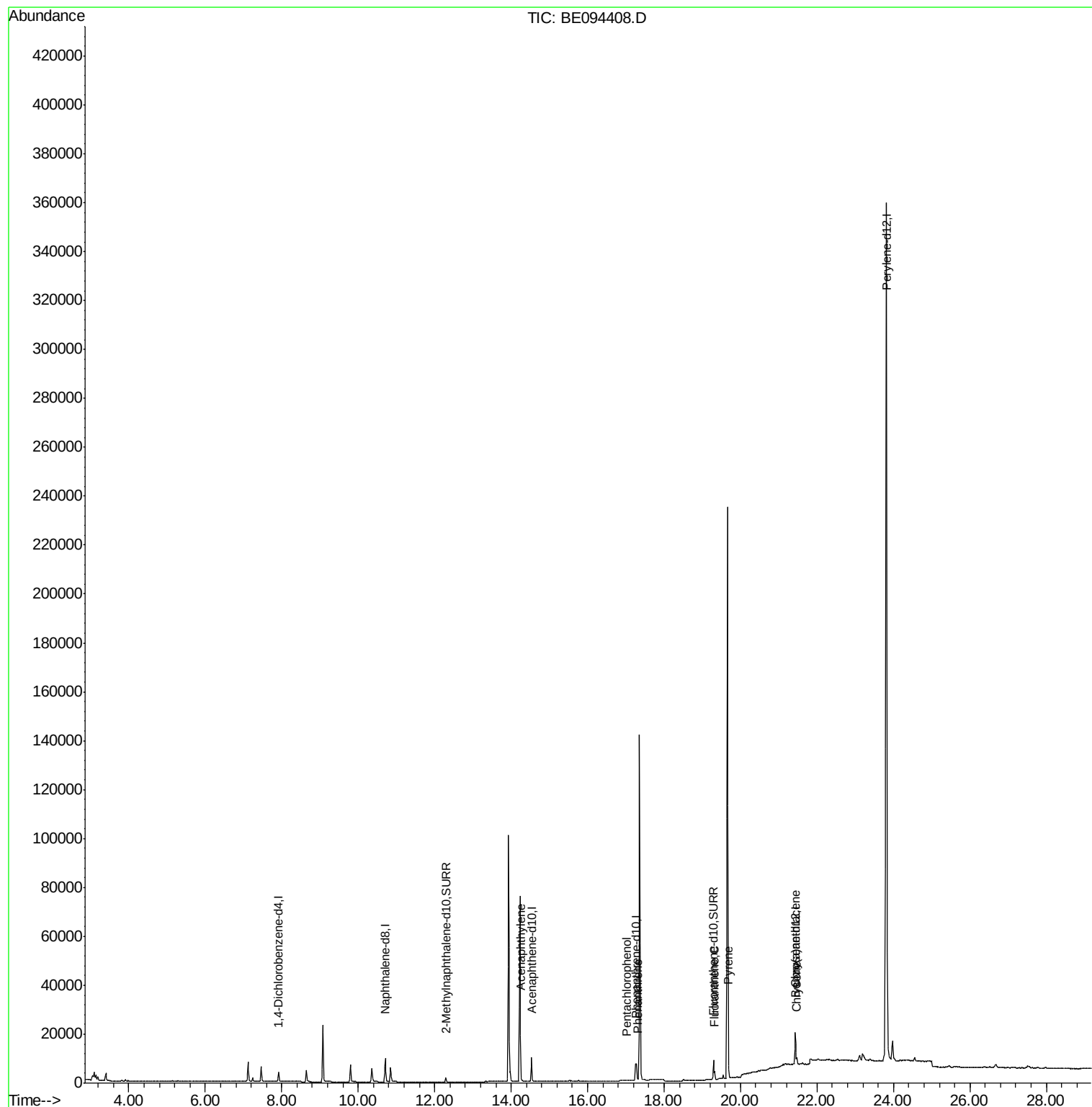
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2009	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	10709	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5903	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	12441	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	12163	0.40	ng/ul	0.01
20) Perylene-d12	23.81	264	539750	0.40	ng/ul	-0.13
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3173	0.19	ng/ul	0.01
14) Fluoranthene-d10	19.29	212	8861	0.21	ng/ul	0.01
Target Compounds				Ovalue		
7) Acenaphthylene	14.25	152	748	0.033	ng/ul#	41
11) Pentachlorophenol	17.01	266	48	0.033	ng/ul#	46
12) Phenanthrene	17.31	178	1186	0.036	ng/ul#	70
15) Fluoranthene	19.32	202	3912	0.092	ng/ul	83
17) Pyrene	19.69	202	3844	0.114	ng/ul#	88
18) Benzo(a)anthracene	21.42	228	2599	0.081	ng/ul#	12
19) Chrysene	21.47	228	3488	0.094	ng/ul#	24

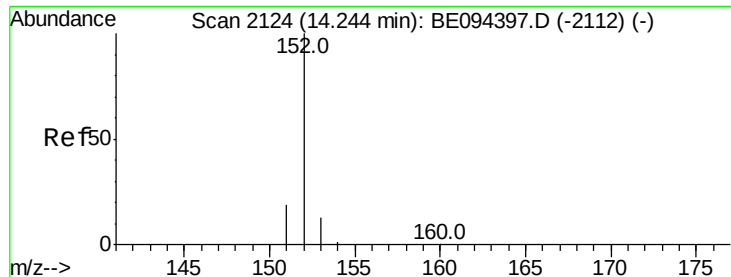
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.033 ng/ul

RT: 14.25 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BE094408.D

Acq: 16 Oct 2017 00:16

Instrument :

BNA_E

ClientSampleId :

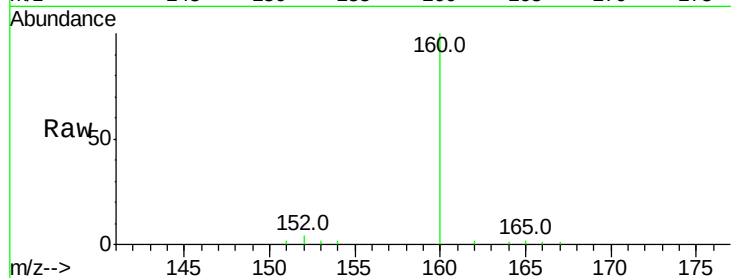
Tot Ion:152 Resp: 748

Ion Ratio Lower Upper

152 100

151 48.5 17.1 25.7#

153 42.4 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

14.25

200

150

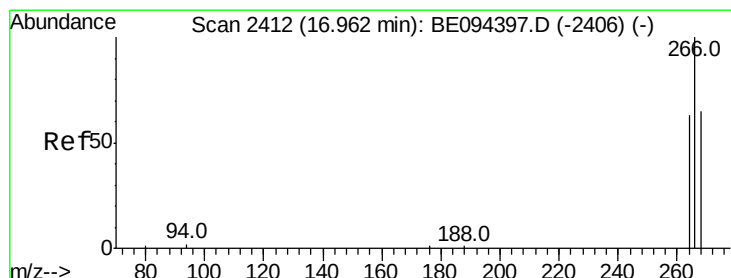
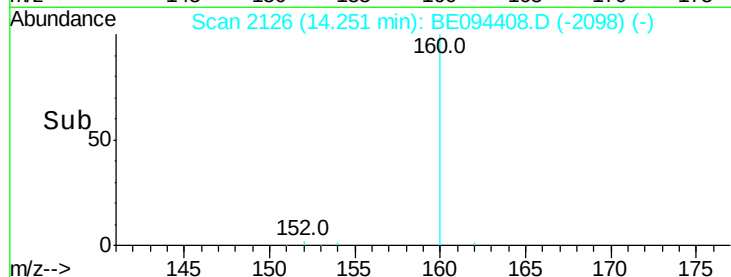
100

50

0

14.20 14.40

Time-->



#11

Pentachlorophenol

Concen: 0.033 ng/ul

RT: 17.01 min Scan# 2416

Delta R.T. 0.05 min

Lab File: BE094408.D

Acq: 16 Oct 2017 00:16

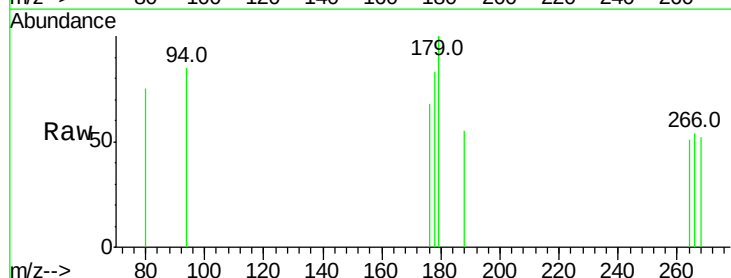
Tgt Ion:266 Resp: 48

Ion Ratio Lower Upper

266 100

264 39.6 47.9 71.9#

268 0.0 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

17.01

120

100

80

60

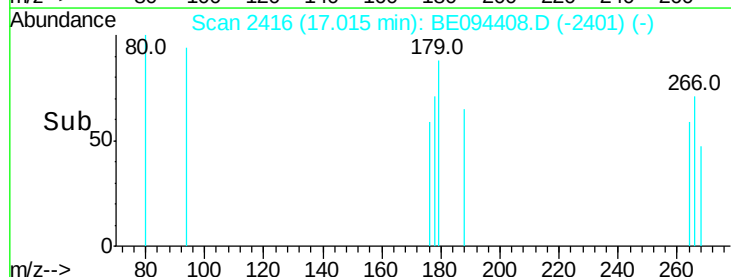
40

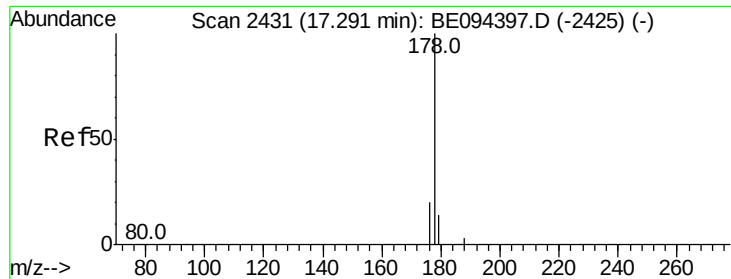
20

0

16.90 17.00 17.10

Time-->





#12

Phenanthrene

Concen: 0.036 ng/ul

RT: 17.31 min Scan# 2433

Delta R.T. 0.02 min

Lab File: BE094408.D

Acq: 16 Oct 2017 00:16

Instrument :

BNA_E

ClientSampled :

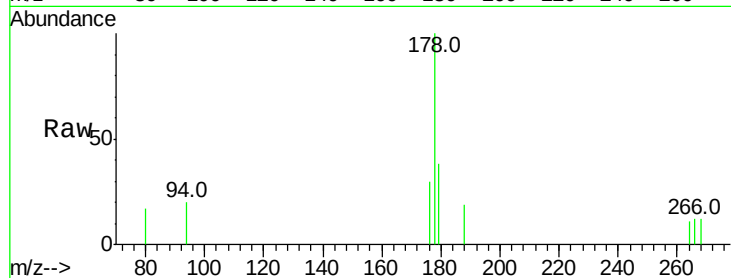
Tot Ion:178 Resp: 1186

Ion Ratio Lower Upper

178 100

179 37.6 18.4 27.6#

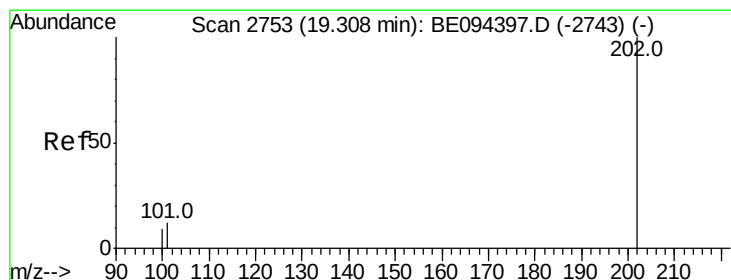
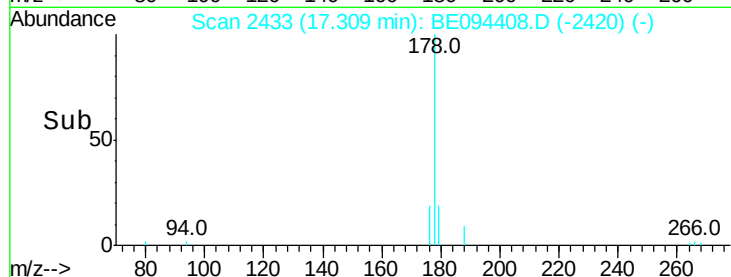
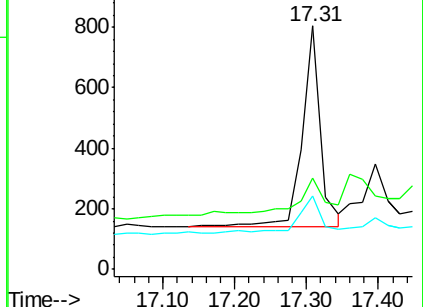
176 30.0 13.6 20.4#



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



#15

Fluoranthene

Concen: 0.092 ng/ul

RT: 19.32 min Scan# 2756

Delta R.T. 0.01 min

Lab File: BE094408.D

Acq: 16 Oct 2017 00:16

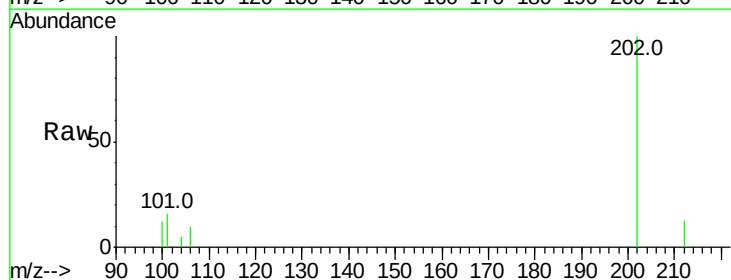
Tgt Ion:202 Resp: 3912

Ion Ratio Lower Upper

202 100

101 16.2 0.0 30.3

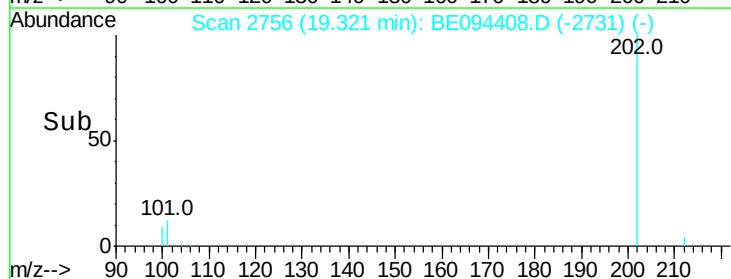
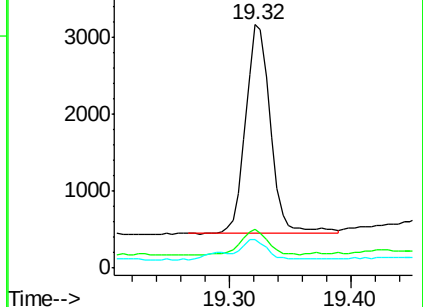
100 11.6 0.0 39.5

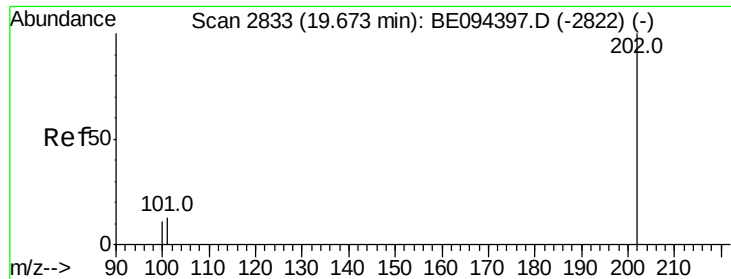


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.114 ng/ul

RT: 19.69 min Scan# 2836

Delta R.T. 0.01 min

Lab File: BE094408.D

Acq: 16 Oct 2017 00:16

Instrument :

BNA_E

ClientSampleId :

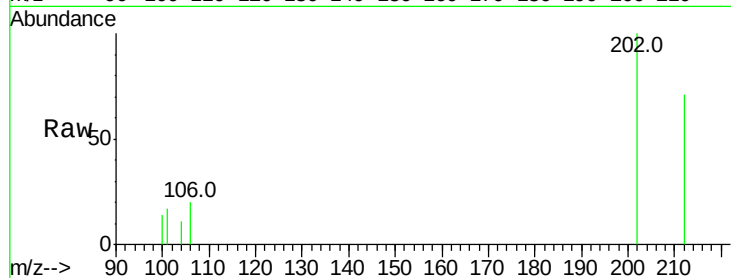
Tot Ion:202 Resp: 3844

Ion Ratio Lower Upper

202 100

101 17.4 18.2 27.4#

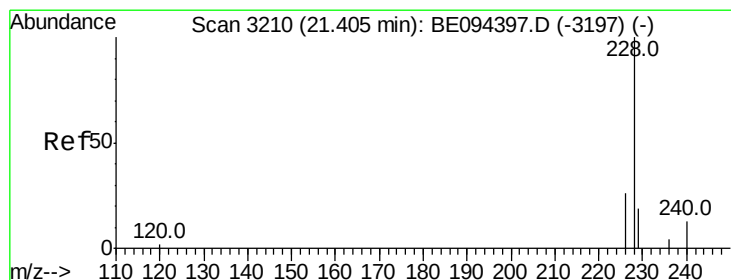
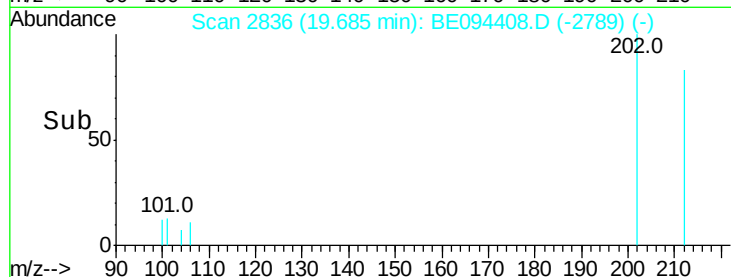
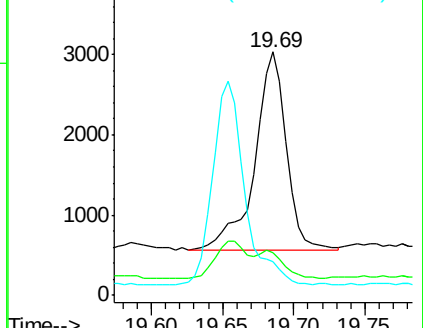
100 13.9 15.6 23.4#



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: 0.081 ng/ul

RT: 21.42 min Scan# 3213

Delta R.T. 0.01 min

Lab File: BE094408.D

Acq: 16 Oct 2017 00:16

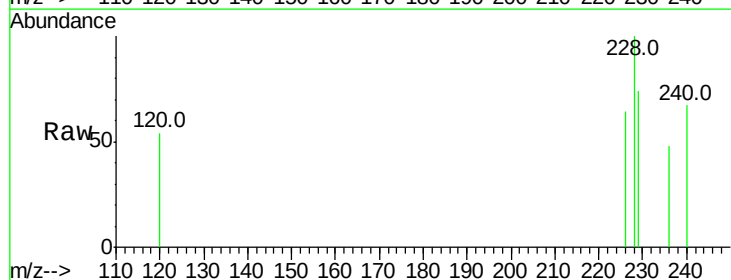
Tgt Ion:228 Resp: 2599

Ion Ratio Lower Upper

228 100

229 73.9 22.8 34.2#

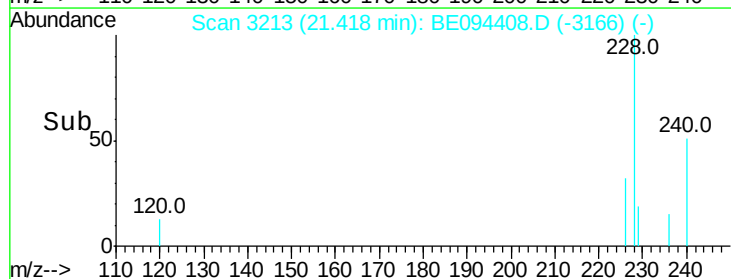
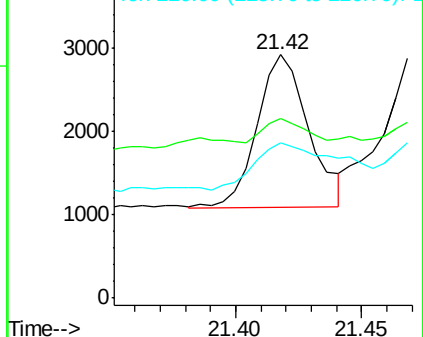
226 64.0 17.0 25.6#

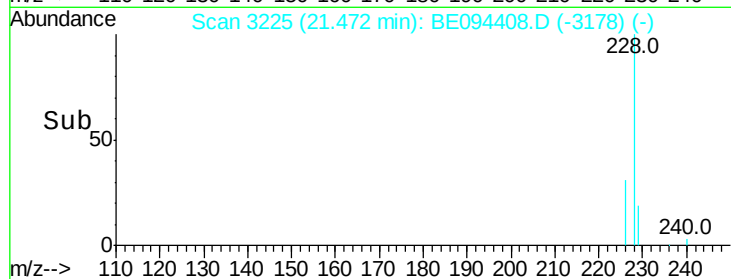
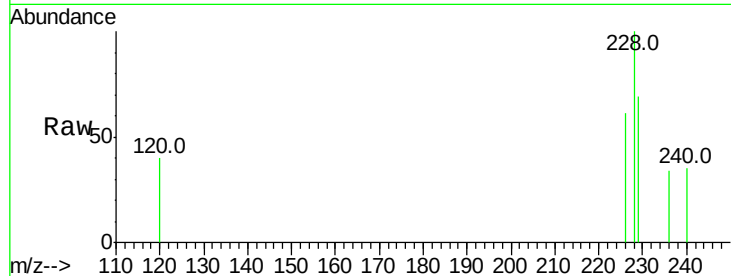
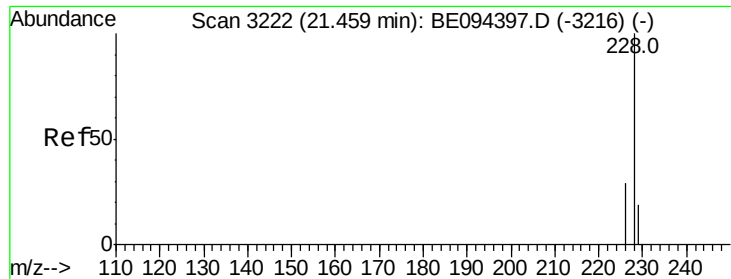


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.094 ng/ul

RT: 21.47 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BE094408.D

Acq: 16 Oct 2017 00:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 228 Resp: 3488

Ion Ratio Lower Upper

228 100

226 60.9 23.4 35.0#

229 68.8 17.7 26.5#

