

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094253.D
 Acq On : 10 Oct 2017 14:18
 Operator : SJ/JU
 Sample : I5522-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 11 06:37:47 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 06:34:16 2017
 Response via : Initial Calibration

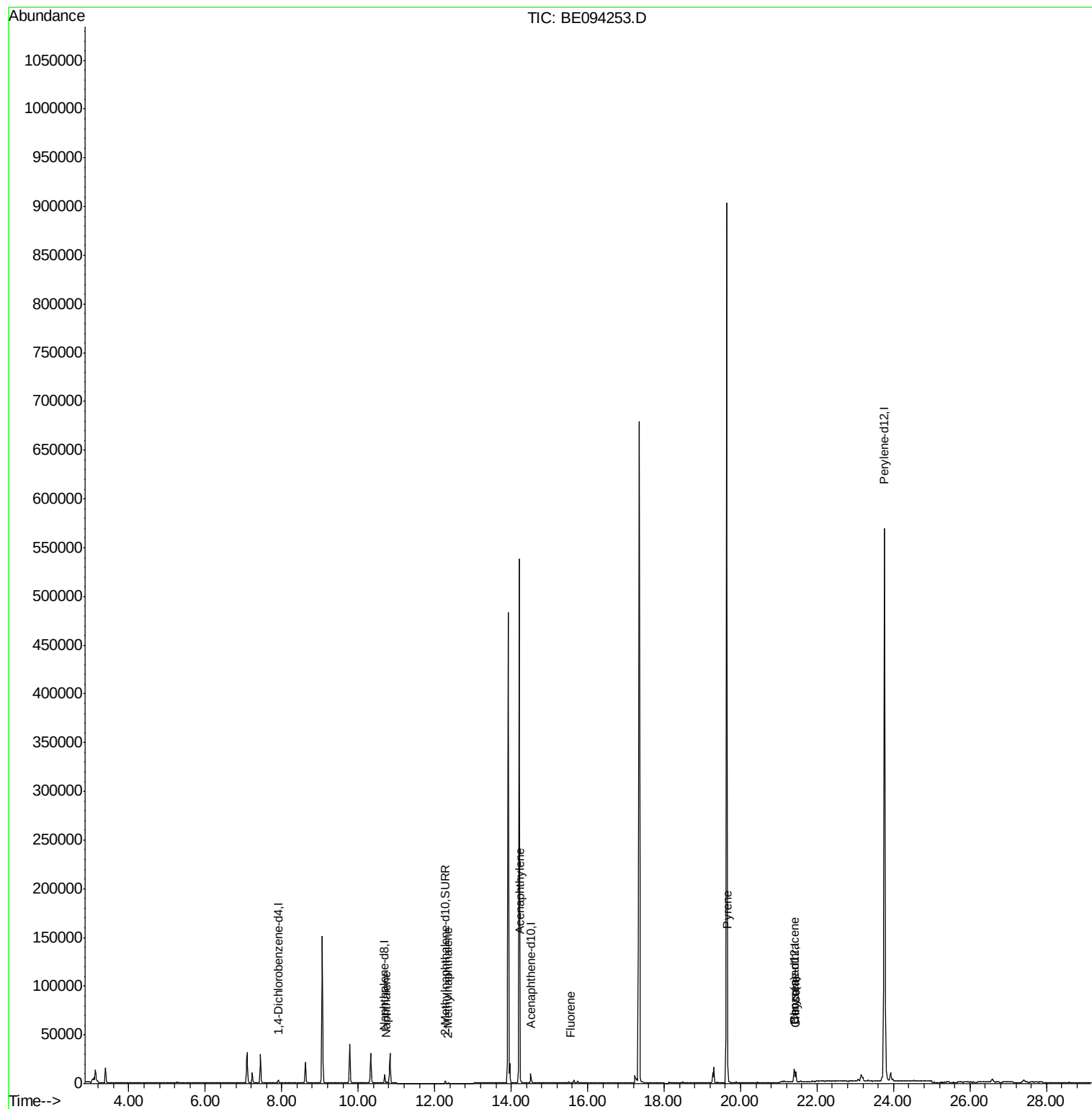
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1749	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9281	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5735	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.41	240	11804	0.40	ng/ul	0.00
20) Perylene-d12	23.76	264	824540	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4278	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	11204	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.74	128	1398	0.061	ng/ul#	90
5) 2-Methylnaphthalene	12.35	142	399	0.027	ng/ul	98
7) Acenaphthylene	14.24	152	540	0.024	ng/ul#	68
9) Fluorene	15.56	166	436	0.020	ng/ul#	85
17) Pyrene	19.66	202	19611	0.597	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	8736	0.279	ng/ul#	89
19) Chrysene	21.45	228	10767	0.298	ng/ul	93

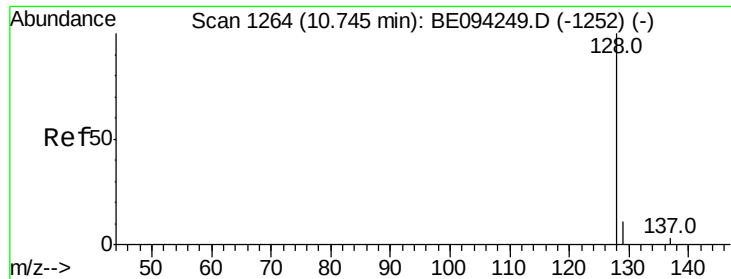
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.061 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094253.D

Acq: 10 Oct 2017 14:18

Instrument :

BNA_E

ClientSampleId :

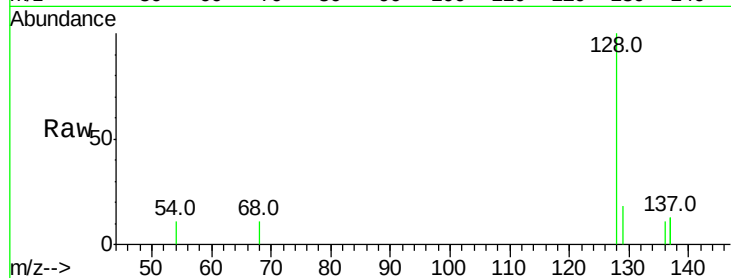
Tot Ion:128 Resp: 1398

Ion Ratio Lower Upper

128 100

129 17.6 11.3 16.9#

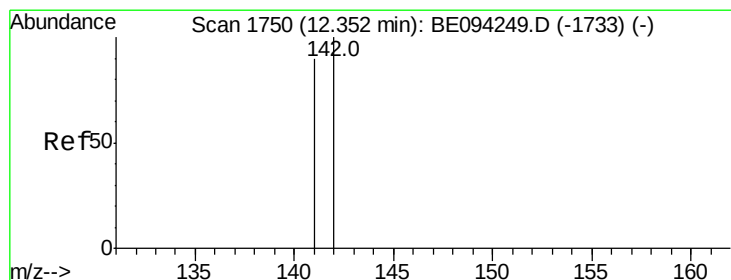
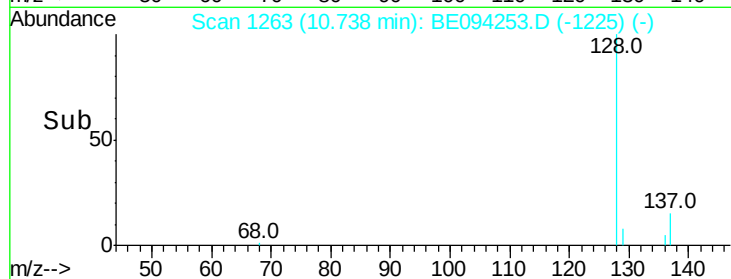
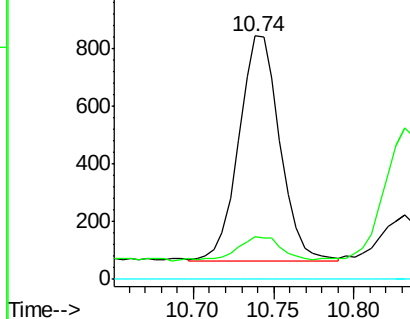
127 0.0 4.0 6.0#



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: 0.027 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BE094253.D

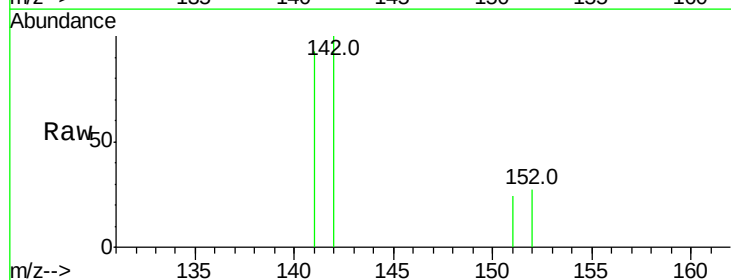
Acq: 10 Oct 2017 14:18

Tgt Ion:142 Resp: 399

Ion Ratio Lower Upper

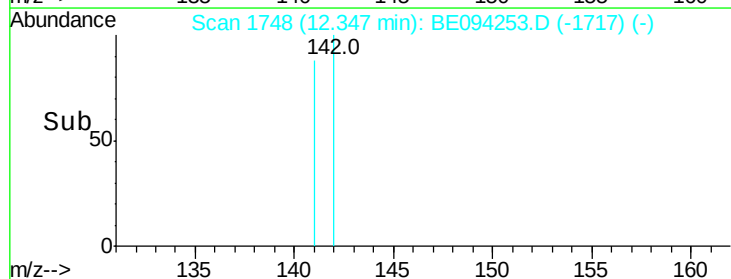
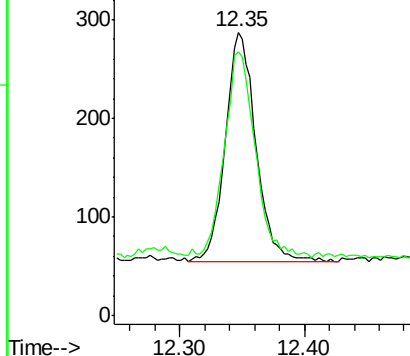
142 100

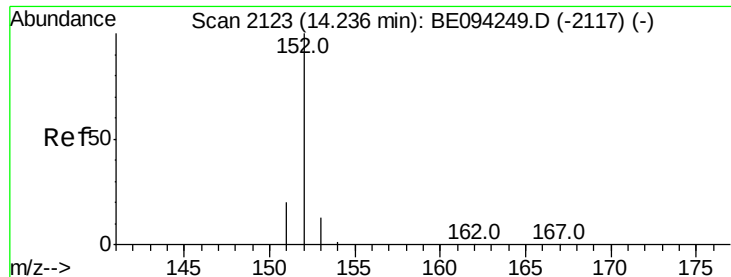
141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE094253.D

Acq: 10 Oct 2017 14:18

Instrument :

BNA_E

ClientSampleId :

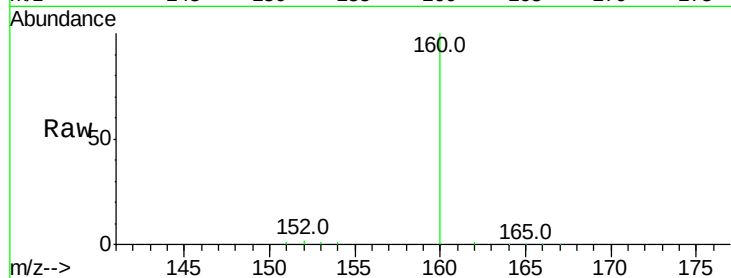
Tot Ion:152 Resp: 540

Ion Ratio Lower Upper

152 100

151 35.7 17.1 25.7#

153 30.3 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

14.24

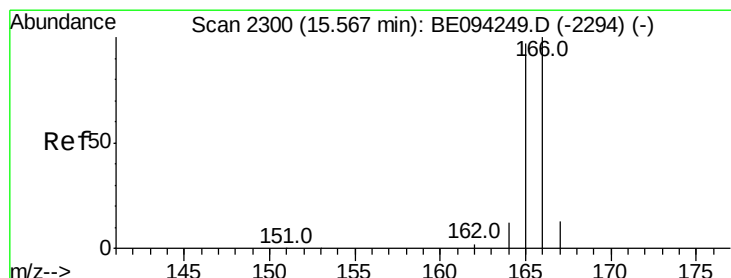
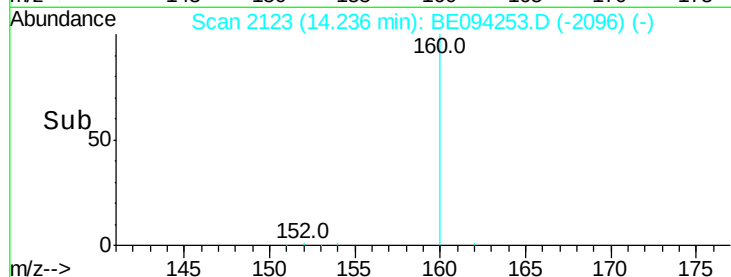
300

200

100

0

Time-->



#9

Fluorene

Concen: 0.020 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094253.D

Acq: 10 Oct 2017 14:18

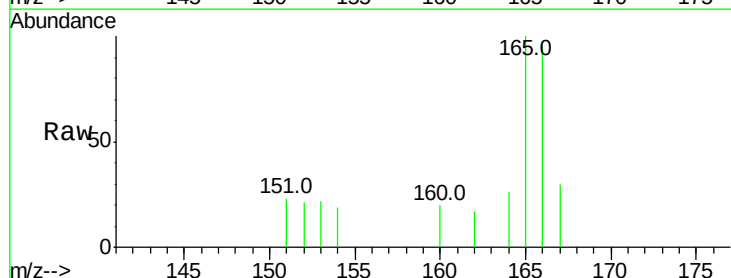
Tgt Ion:166 Resp: 436

Ion Ratio Lower Upper

166 100

165 104.0 73.4 110.2

167 31.3 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

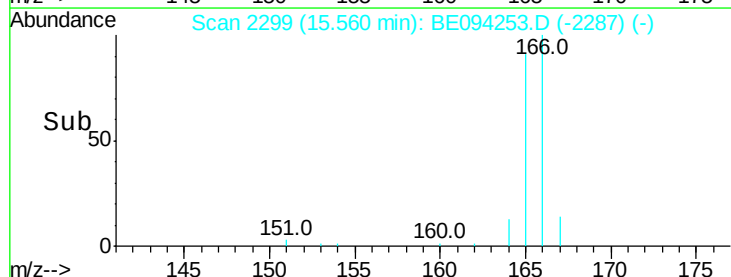
15.56

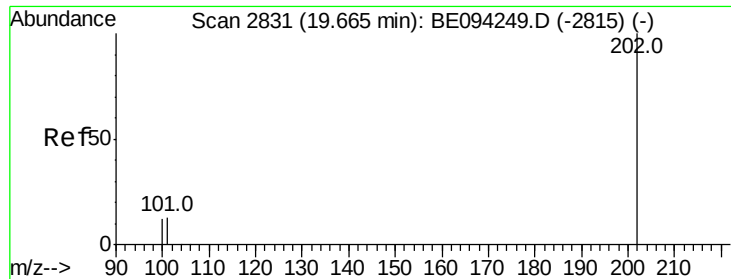
1000

500

0

Time-->





#17

Pvrene

Concen: 0.597 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE094253.D

Acq: 10 Oct 2017 14:18

Instrument :

BNA_E

ClientSampleId :

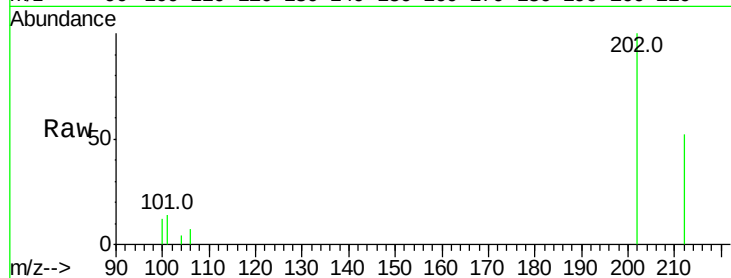
Tot Ion:202 Resp: 19611

Ion Ratio Lower Upper

202 100

101 14.1 18.2 27.4#

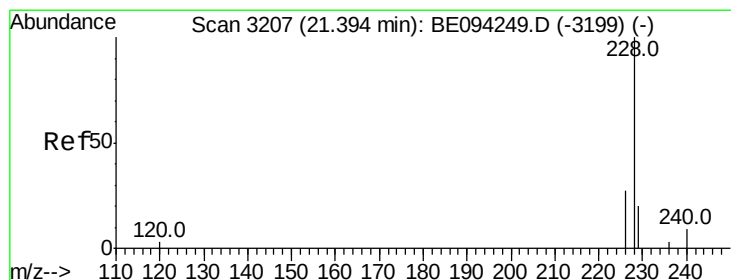
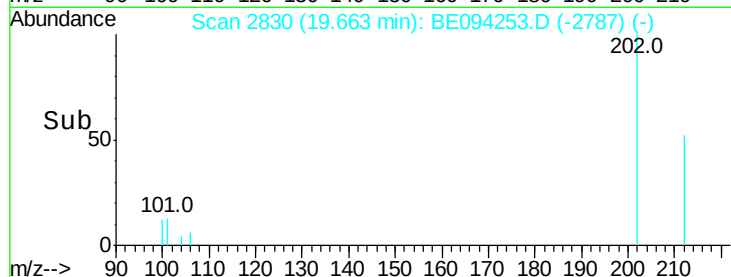
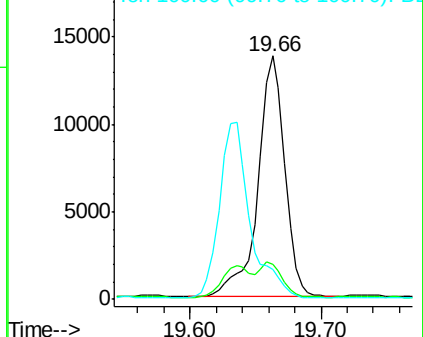
100 12.3 15.6 23.4#



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



#18

Benzo(a)anthracene

Concen: 0.279 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BE094253.D

Acq: 10 Oct 2017 14:18

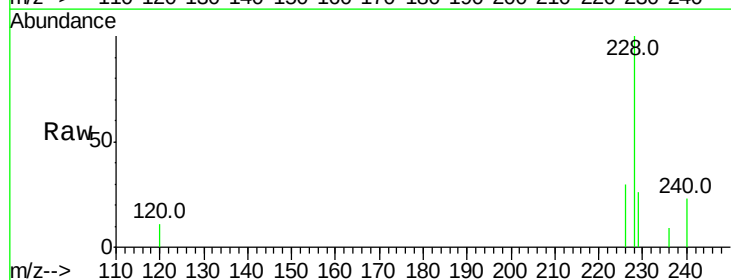
Tgt Ion:228 Resp: 8736

Ion Ratio Lower Upper

228 100

229 26.1 22.8 34.2

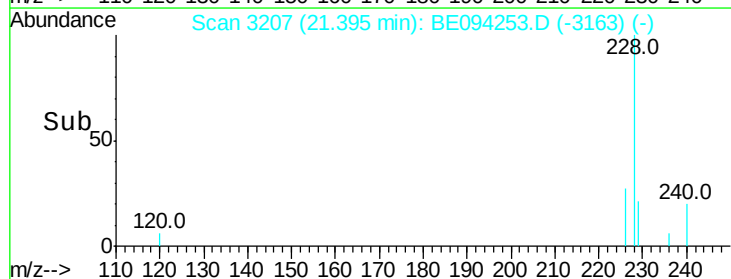
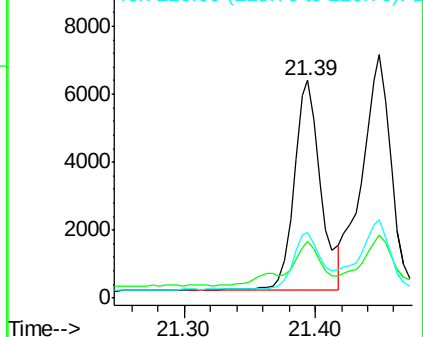
226 30.1 17.0 25.6#

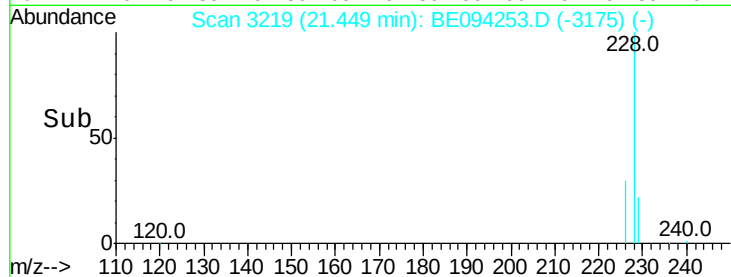
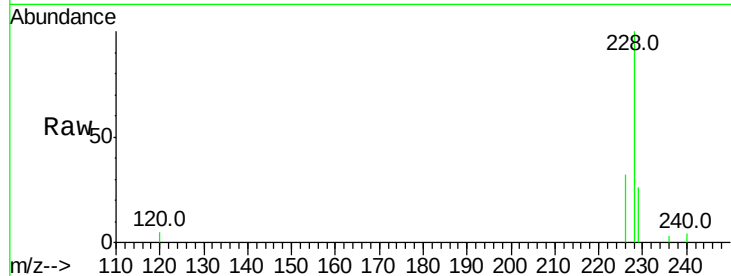
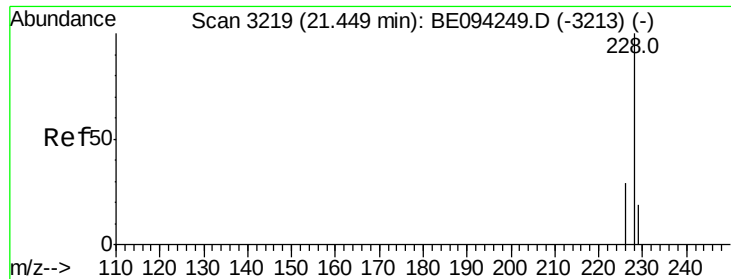


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.298 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BE094253.D

Acq: 10 Oct 2017 14:18

Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 10767

Ion Ratio Lower Upper

228 100

226 32.2 23.4 35.0

229 25.9 17.7 26.5

