

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094372.D
 Acq On : 15 Oct 2017 1:32
 Operator : SJ/JU
 Sample : I5548-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 05:09:14 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 05:09:03 2017
 Response via : Initial Calibration

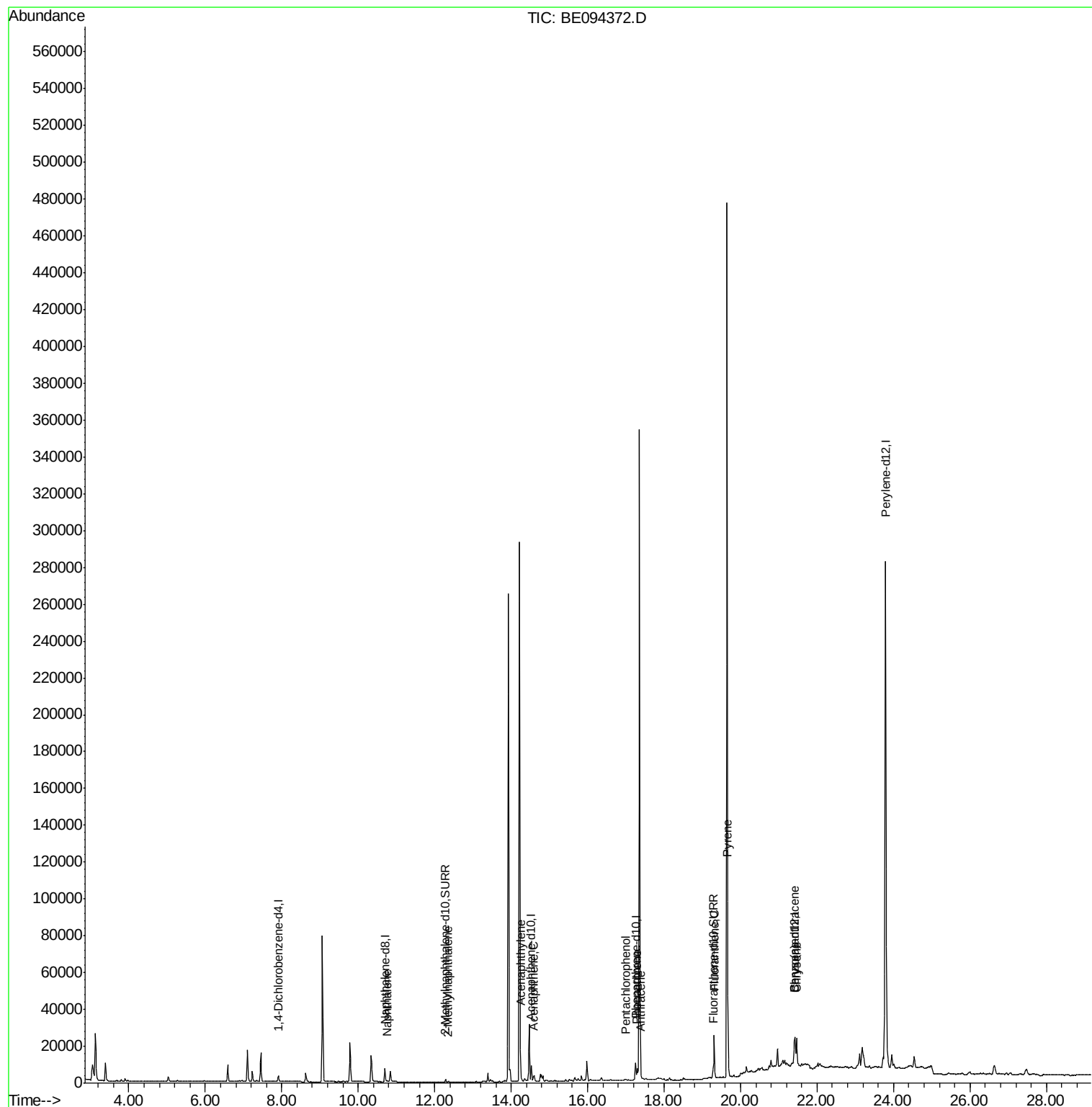
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1493	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8154	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4937	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11183	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10608	0.40	ng/ul	0.00
20) Perylene-d12	23.79	264	399831	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2322	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	6154	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	632	0.032	ng/ul#	51
5) 2-Methylnaphthalene	12.36	142	476	0.037	ng/ul	94
7) Acenaphthylene	14.25	152	542	0.028	ng/ul#	53
8) Acenaphthene	14.59	153	414	0.026	ng/ul#	73
11) Pentachlorophenol	17.00	266	47	0.036	ng/ul#	20
12) Phenanthrene	17.29	178	8263	0.283	ng/ul#	90
13) Anthracene	17.39	178	1303	0.046	ng/ul#	60
15) Fluoranthene	19.31	202	25332	0.660	ng/ul	84
17) Pyrene	19.67	202	23316	0.790	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	12338	0.438	ng/ul#	68
19) Chrysene	21.46	228	16179	0.498	ng/ul#	73

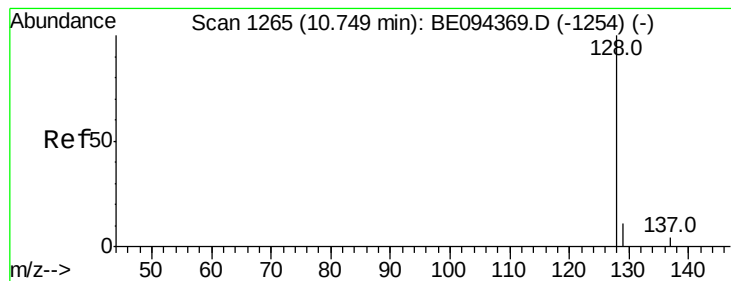
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

Instrument :

BNA_E

ClientSampleId :

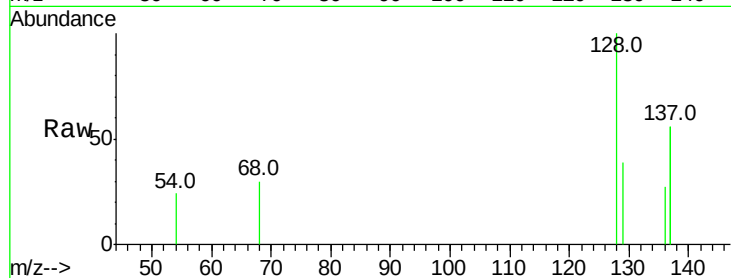
Tot Ion:128 Resp: 632

Ion Ratio Lower Upper

128 100

129 38.9 11.3 16.9#

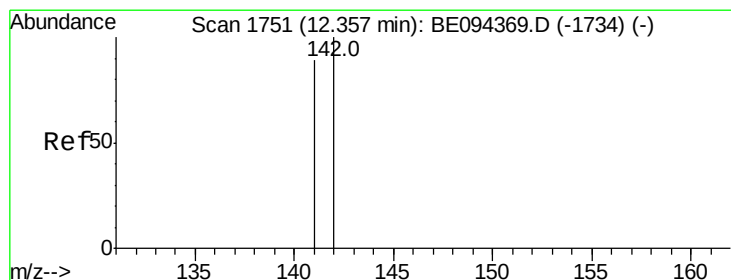
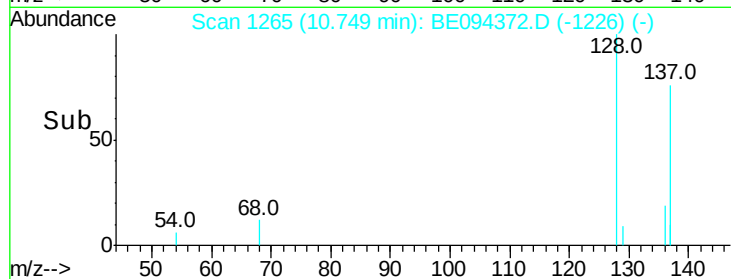
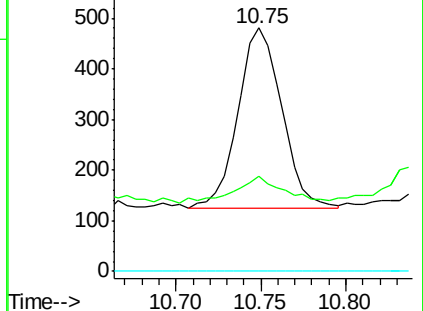
127 0.0 4.0 6.0#



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: 0.037 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE094372.D

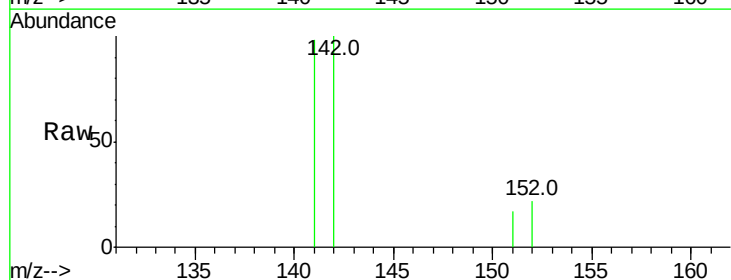
Acq: 15 Oct 2017 1:32

Tgt Ion:142 Resp: 476

Ion Ratio Lower Upper

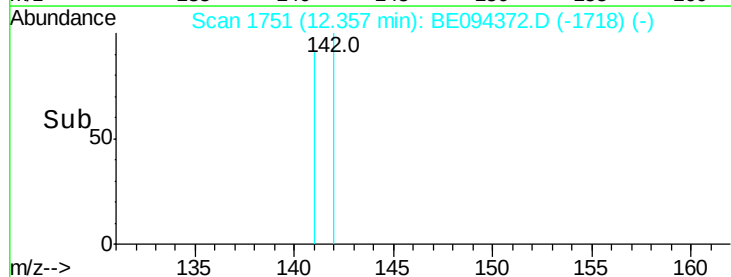
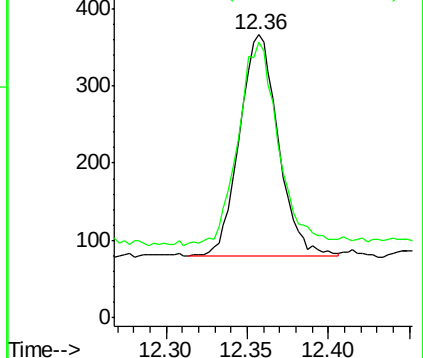
142 100

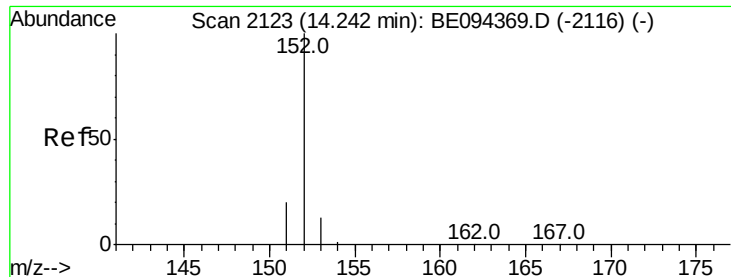
141 96.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

Instrument :

BNA_E

ClientSampled :

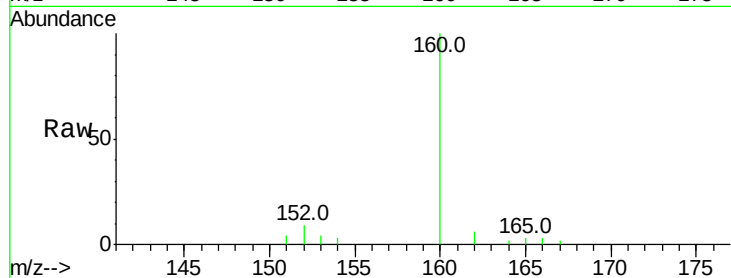
Tot Ion:152 Resp: 542

Ion Ratio Lower Upper

152 100

151 40.0 17.1 25.7#

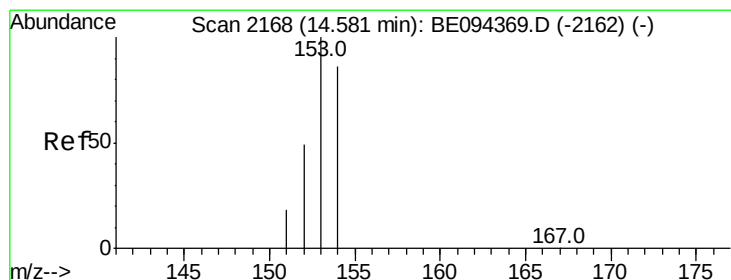
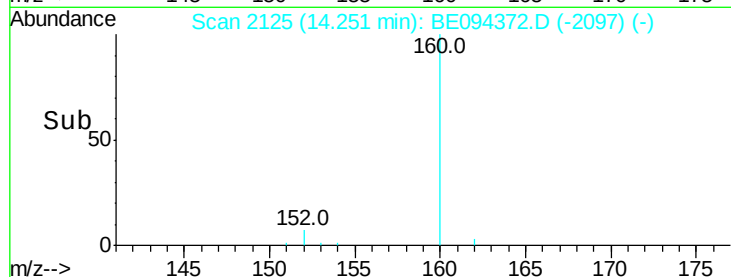
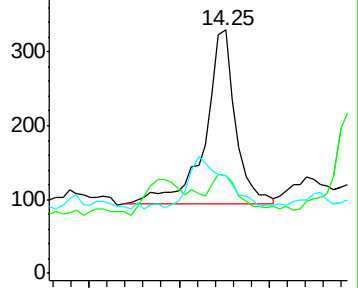
153 40.3 12.8 19.2#



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: 0.026 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

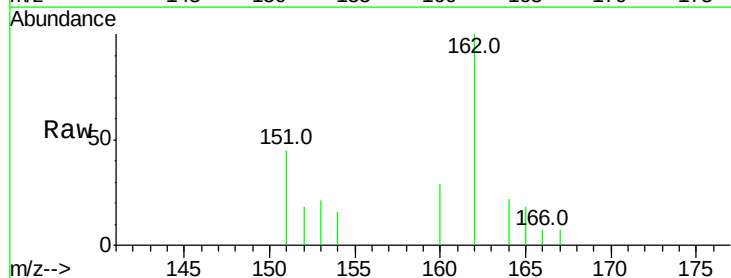
Tgt Ion:153 Resp: 414

Ion Ratio Lower Upper

153 100

152 84.4 40.3 60.5#

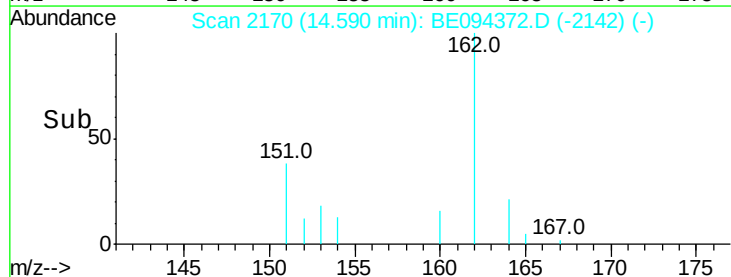
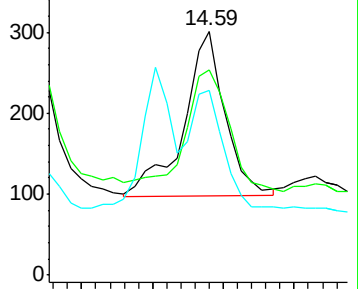
154 75.7 71.4 107.2

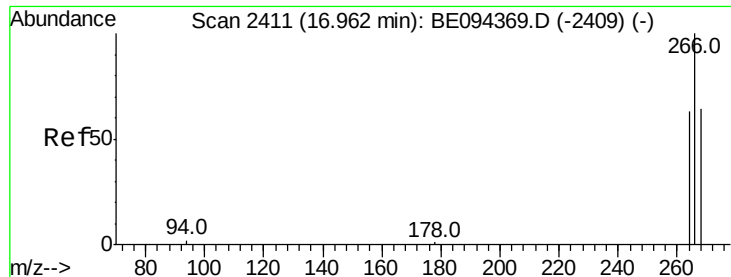


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

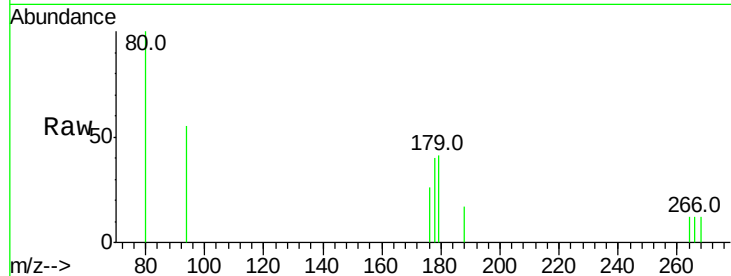




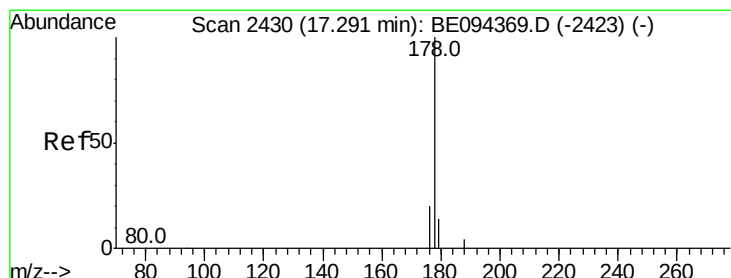
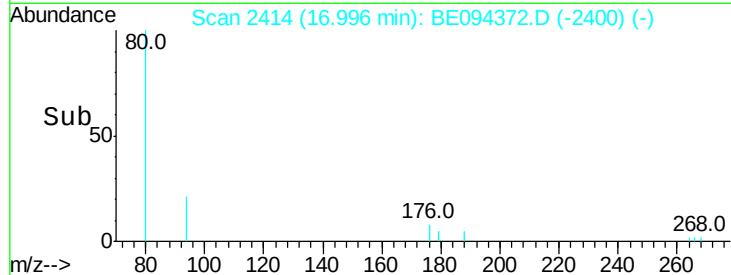
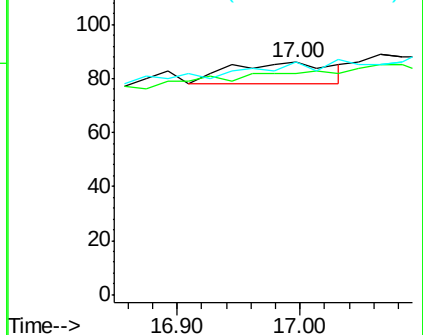
#11
 Pentachlorophenol
 Concen: 0.036 ng/ul
 RT: 17.00 min Scan# 2414
 Delta R.T. 0.03 min
 Lab File: BE094372.D
 Acq: 15 Oct 2017 1:32

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 47
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.9 71.9#
 268 0.0 49.8 74.8#

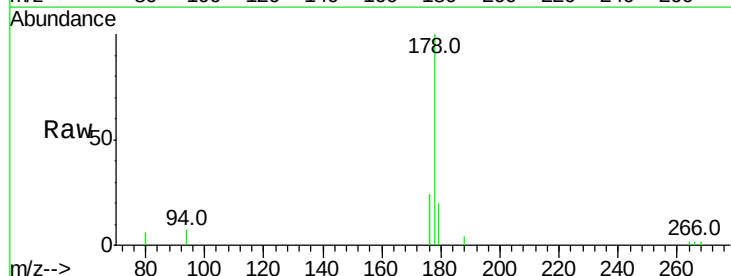


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

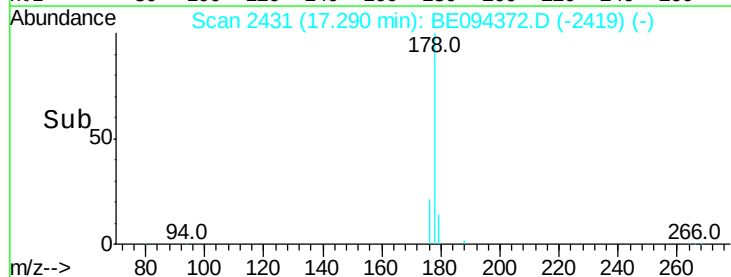
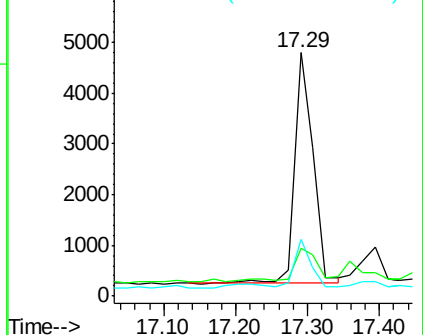


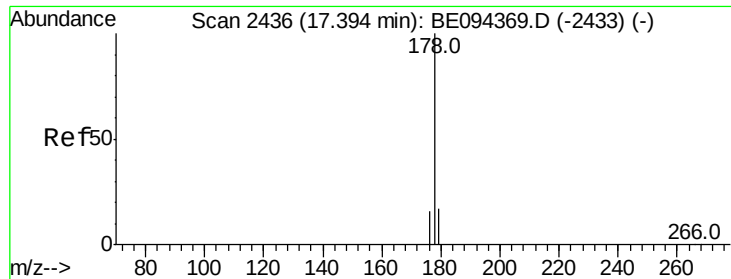
#12
 Phenanthrene
 Concen: 0.283 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE094372.D
 Acq: 15 Oct 2017 1:32

Tgt Ion:178 Resp: 8263
 Ion Ratio Lower Upper
 178 100
 179 19.8 18.4 27.6
 176 23.5 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





#13

Anthracene

Concen: 0.046 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

Instrument :

BNA_E

ClientSampleId :

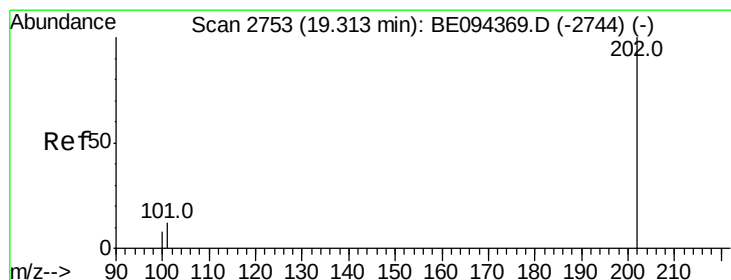
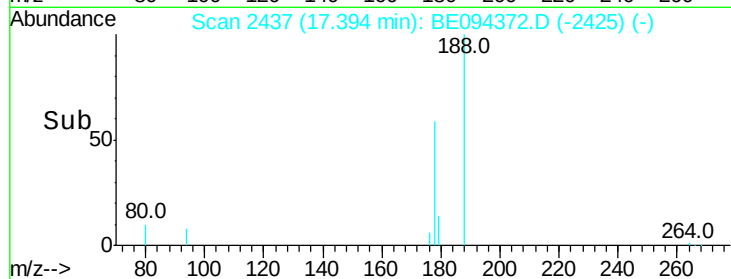
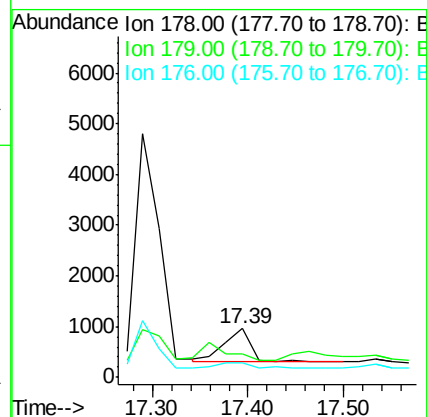
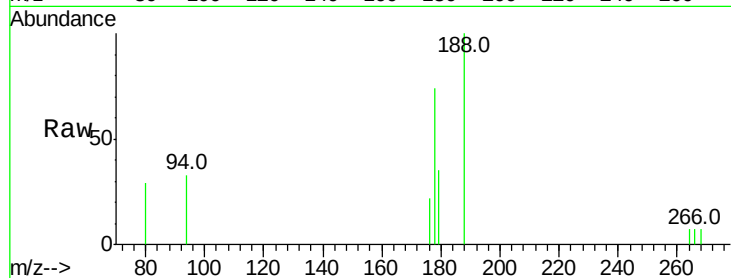
Tot Ion:178 Resp: 1303

Ion Ratio Lower Upper

178 100

179 47.4 18.1 27.1#

176 29.7 14.7 22.1#



#15

Fluoranthene

Concen: 0.660 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

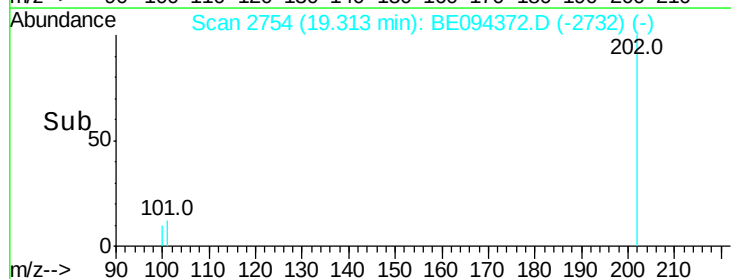
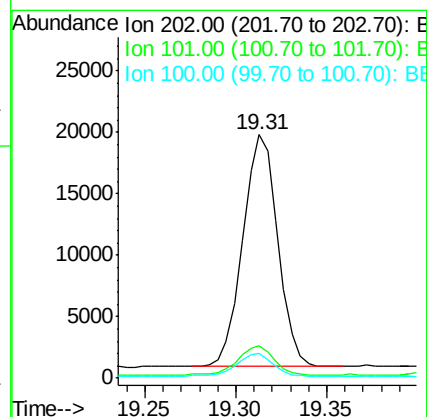
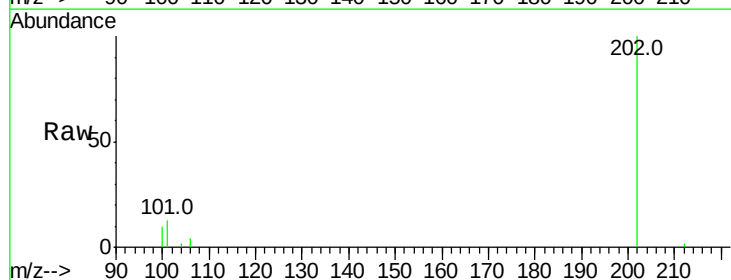
Tgt Ion:202 Resp: 25332

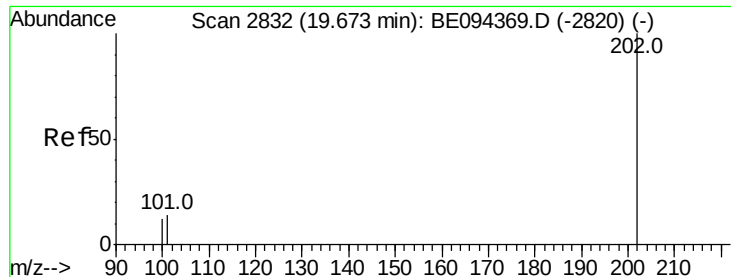
Ion Ratio Lower Upper

202 100

101 13.2 0.0 30.3

100 10.0 0.0 39.5

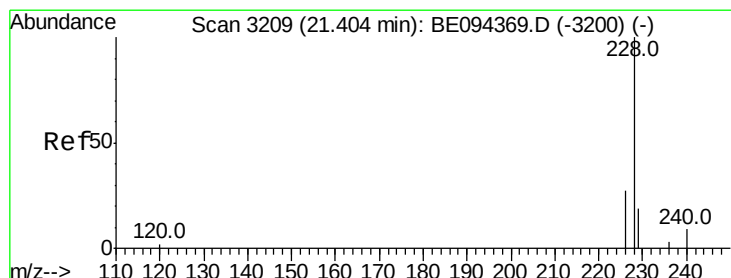
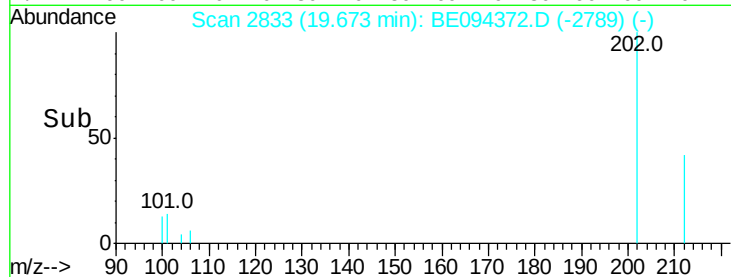
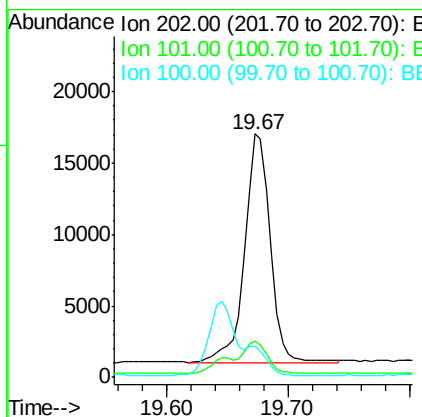
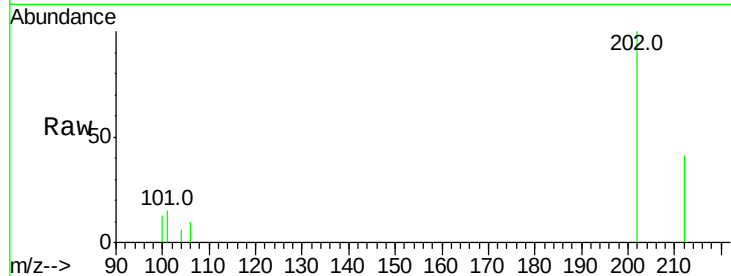




#17
Pvrene
Concen: 0.790 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BE094372.D
Acq: 15 Oct 2017 1:32

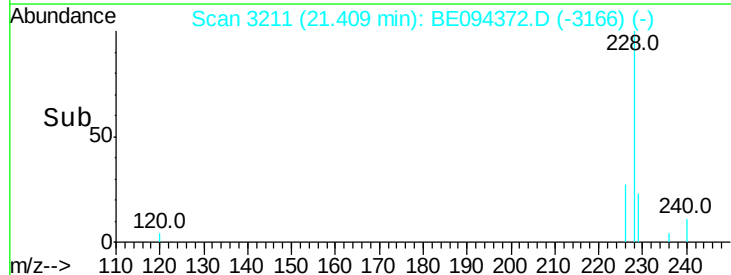
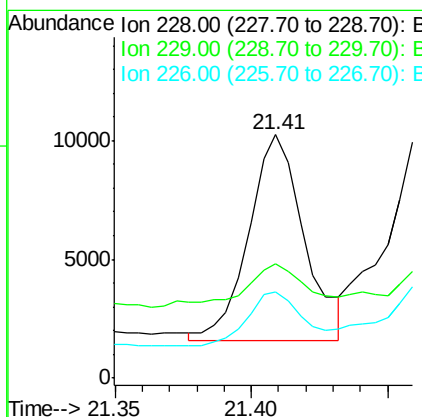
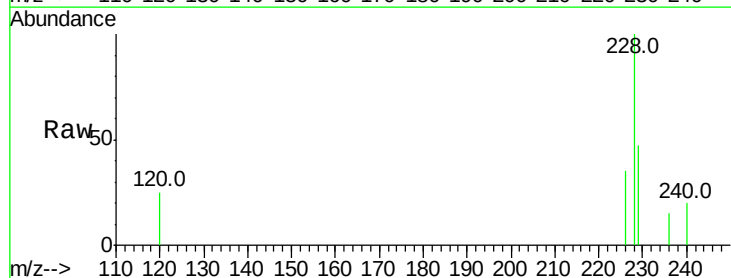
Instrument :
BNA_E
ClientSampleId :

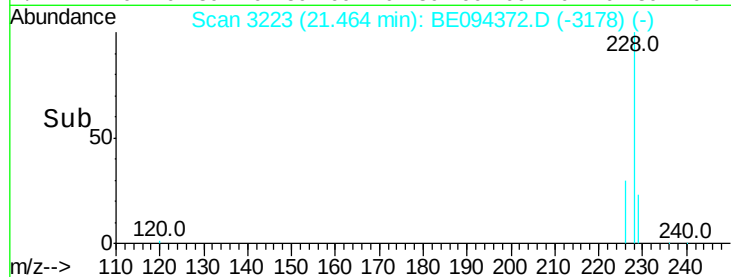
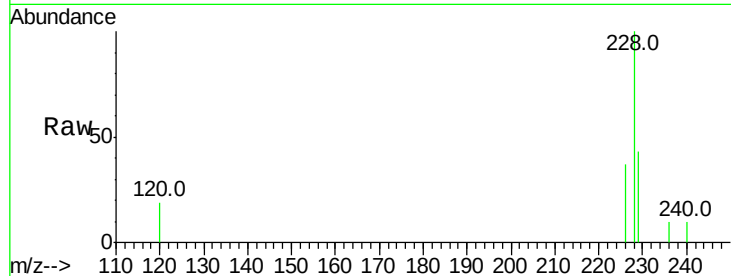
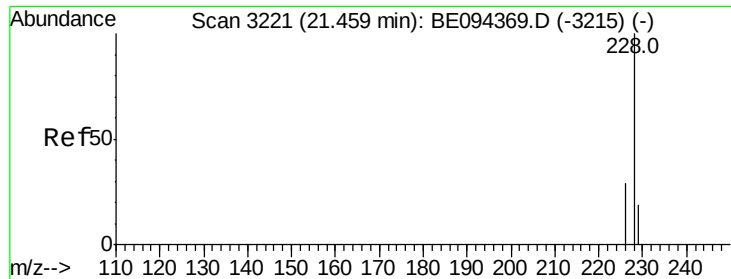
Tot Ion:202 Resp: 23316
Ion Ratio Lower Upper
202 100
101 15.1 18.2 27.4#
100 12.7 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 0.438 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BE094372.D
Acq: 15 Oct 2017 1:32

Tgt Ion:228 Resp: 12338
Ion Ratio Lower Upper
228 100
229 46.9 22.8 34.2#
226 35.2 17.0 25.6#





#19

Chrysene

Concen: 0.498 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094372.D

Acq: 15 Oct 2017 1:32

Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 16179

Ion Ratio Lower Upper

228 100

226 37.0 23.4 35.0#

229 42.8 17.7 26.5#

