

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
 Data File : BE093337.D
 Acq On : 23 Jun 2017 14:30
 Operator : SJ/JU
 Sample : I3627-19DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A92DL

Quant Time: Jun 24 04:22:44 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 24 03:58:33 2017
 Response via : Initial Calibration

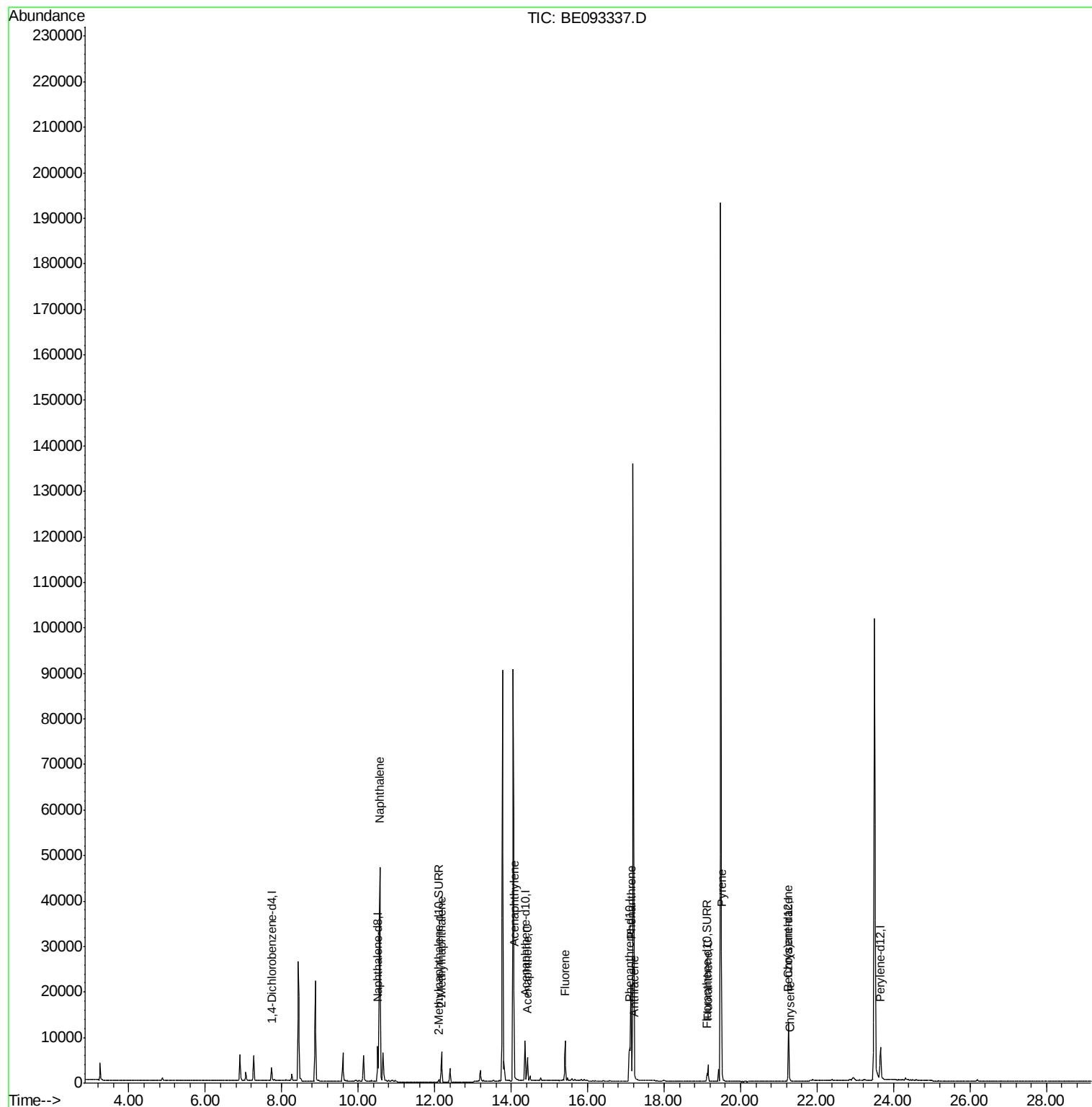
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1401	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7665	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4799	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	11712	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11753	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11258	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	729	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1830	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	70208	3.692	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	5488	0.422	ng/ul	99
7) Acenaphthylene	14.08	152	468	0.023	ng/ul#	73
8) Acenaphthene	14.42	153	3004	0.181	ng/ul	99
9) Fluorene	15.41	166	5399	0.277	ng/ul	90
12) Phenanthrene	17.13	178	23288	0.723	ng/ul#	91
13) Anthracene	17.22	178	1991	0.071	ng/ul	95
15) Fluoranthene	19.15	202	3972	0.101	ng/ul	84
17) Pyrene	19.51	202	3510	0.101	ng/ul#	91
18) Benzo(a)anthracene	21.24	228	710	0.023	ng/ul#	89
19) Chrysene	21.29	228	779	0.024	ng/ul#	88

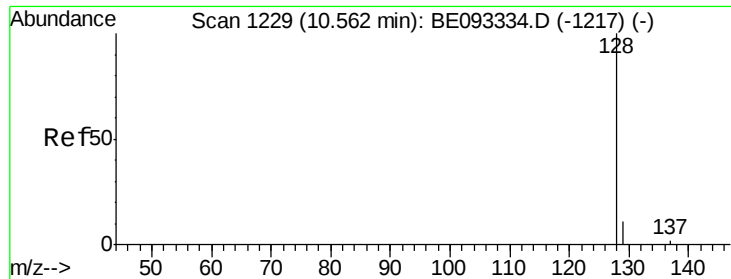
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.692 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093337.D

Acq: 23 Jun 2017 14:30

Instrument :

BNA_E

ClientSampleId :

F5A92DL

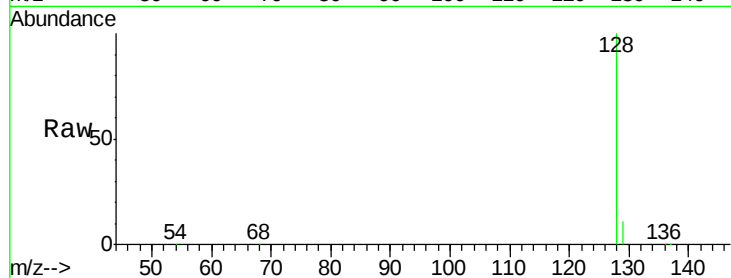
Tgt Ion:128 Resp: 70208

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

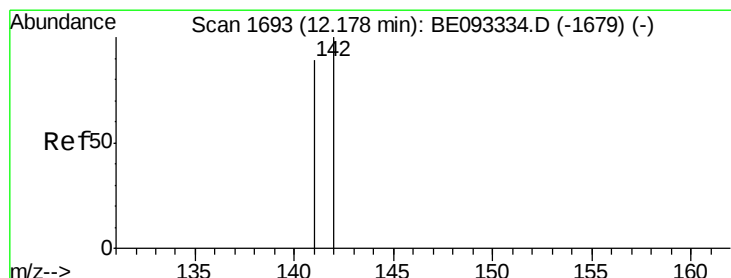
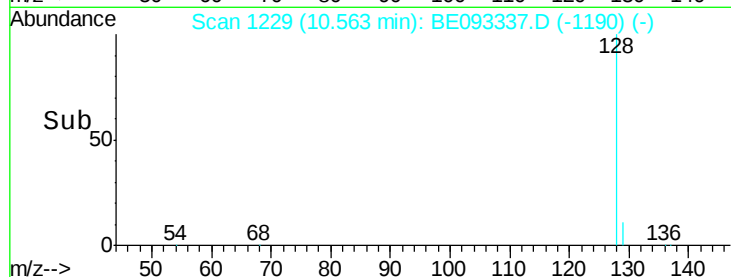
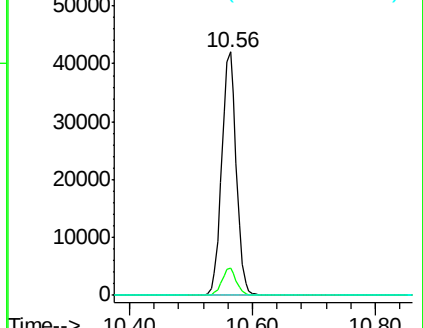
127 0.0 4.0 6.0#



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: 0.422 ng/ul

RT: 12.18 min Scan# 1693

Delta R.T. 0.00 min

Lab File: BE093337.D

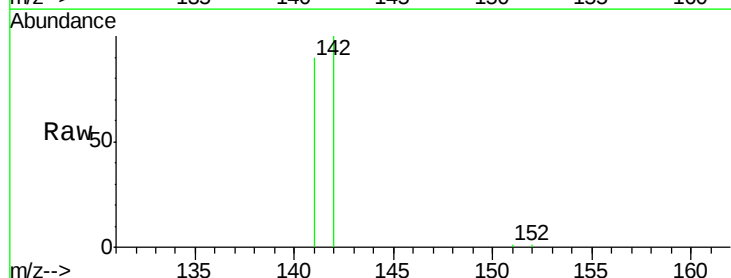
Acq: 23 Jun 2017 14:30

Tgt Ion:142 Resp: 5488

Ion Ratio Lower Upper

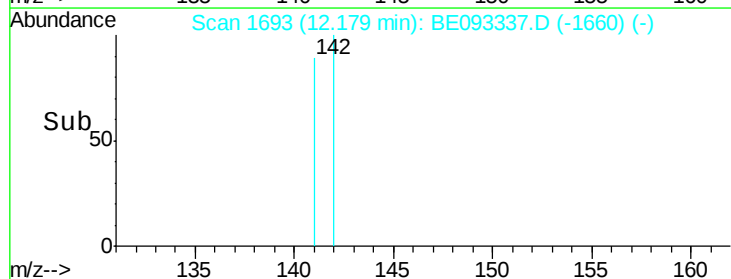
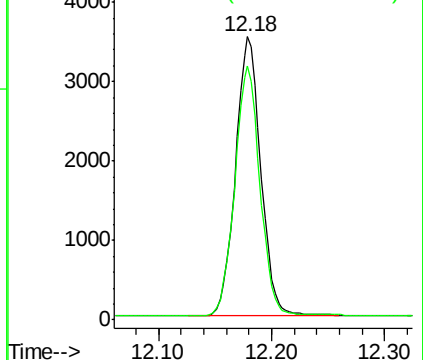
142 100

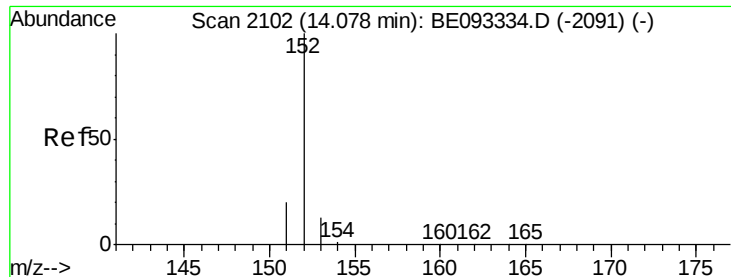
141 89.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BE093337.D

Acq: 23 Jun 2017 14:30

Instrument :

BNA_E

ClientSampleId :

F5A92DL

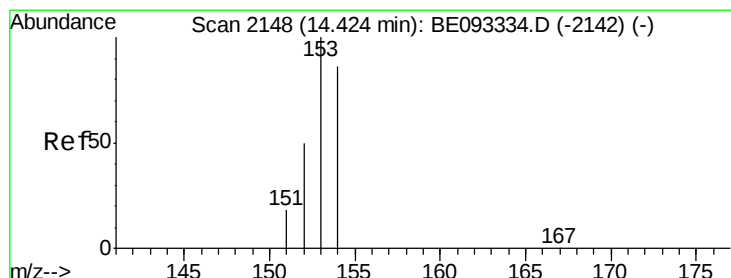
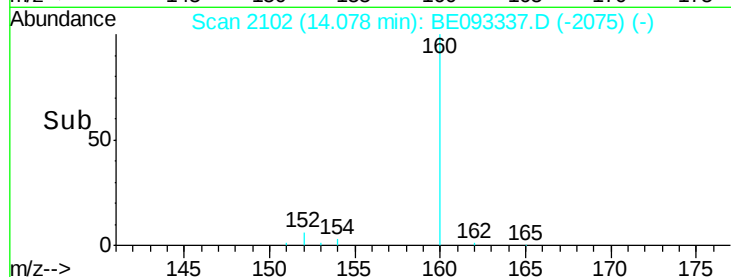
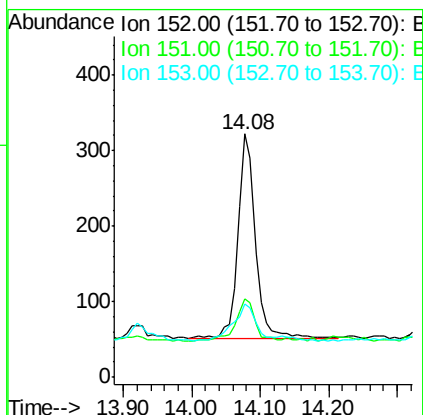
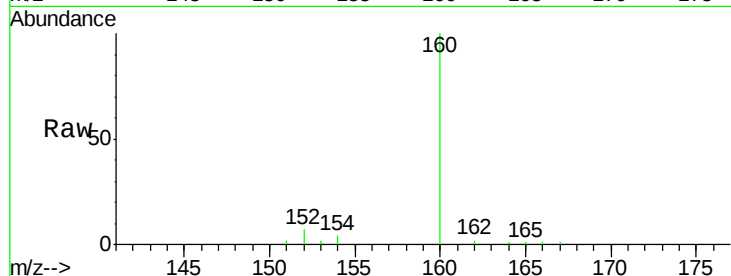
Tgt Ion:152 Resp: 468

Ion Ratio Lower Upper

152 100

151 32.0 17.1 25.7#

153 29.8 12.8 19.2#



#8

Acenaphthene

Concen: 0.181 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BE093337.D

Acq: 23 Jun 2017 14:30

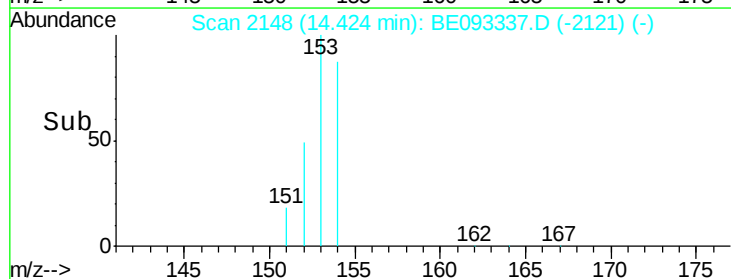
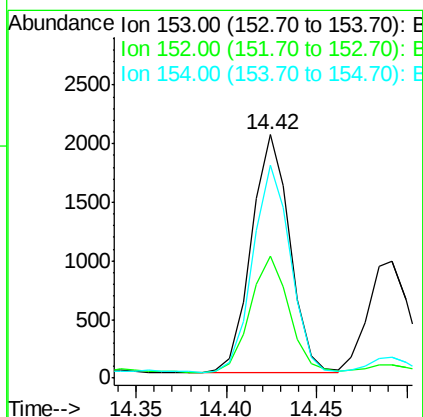
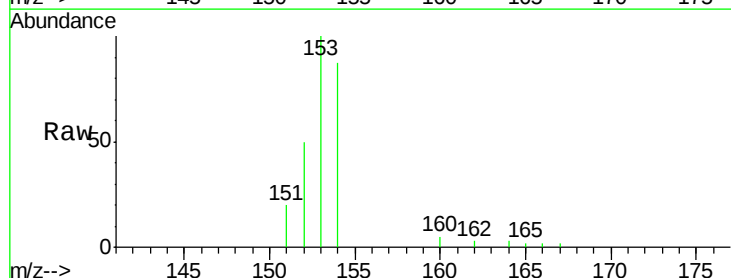
Tgt Ion:153 Resp: 3004

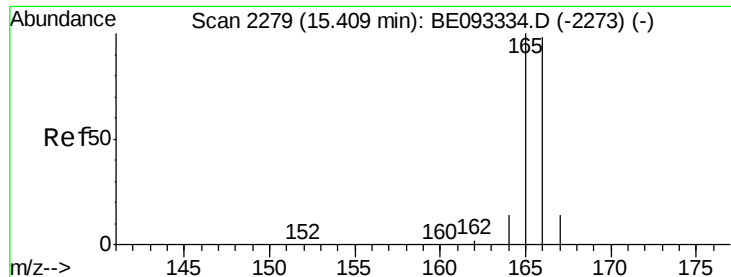
Ion Ratio Lower Upper

153 100

152 50.2 40.3 60.5

154 87.4 71.4 107.2





#9

Fluorene

Concen: 0.277 ng/ul

RT: 15.41 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE093337.D

Acq: 23 Jun 2017 14:30

Instrument :

BNA_E

ClientSampleId :

F5A92DL

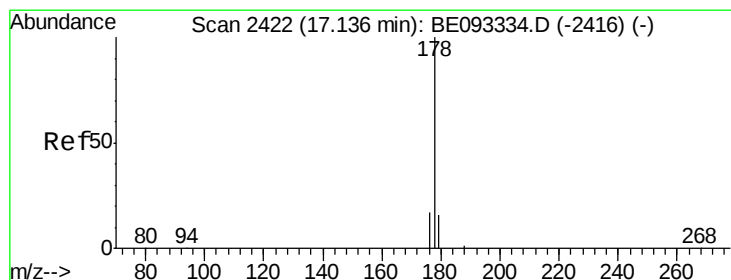
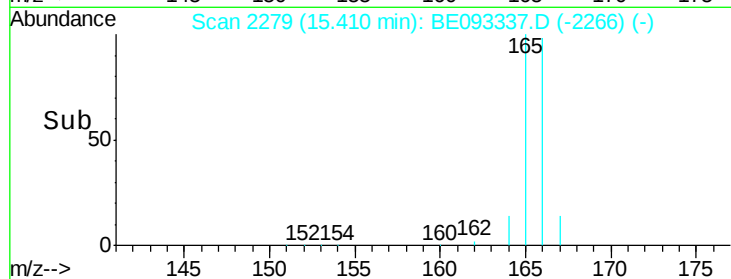
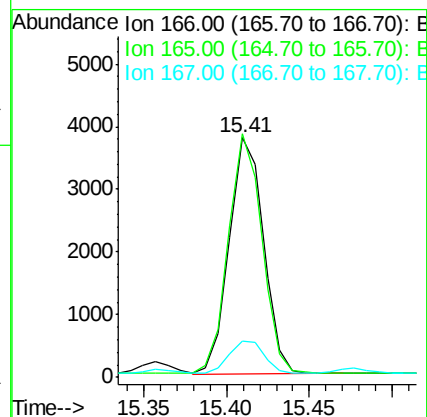
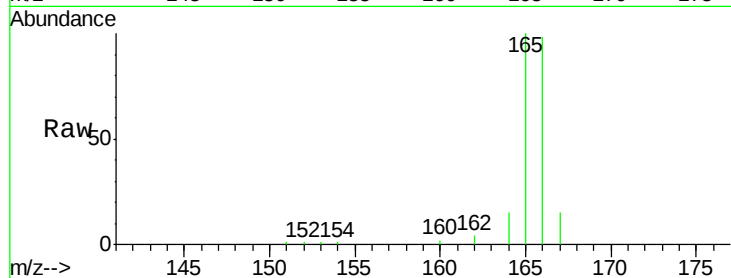
Tgt Ion:166 Resp: 5399

Ion Ratio Lower Upper

166 100

165 101.8 73.4 110.2

167 15.4 14.6 22.0



#12

Phenanthrene

Concen: 0.723 ng/ul

RT: 17.13 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BE093337.D

Acq: 23 Jun 2017 14:30

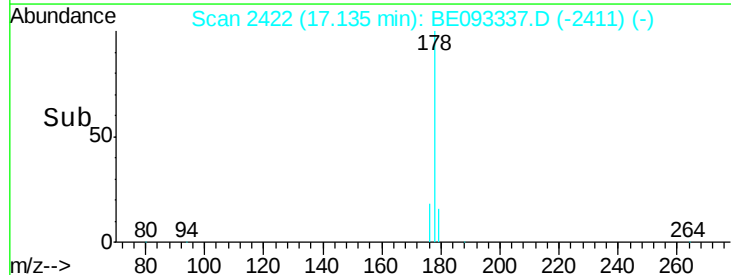
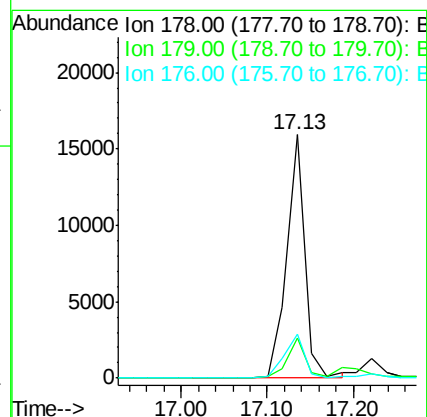
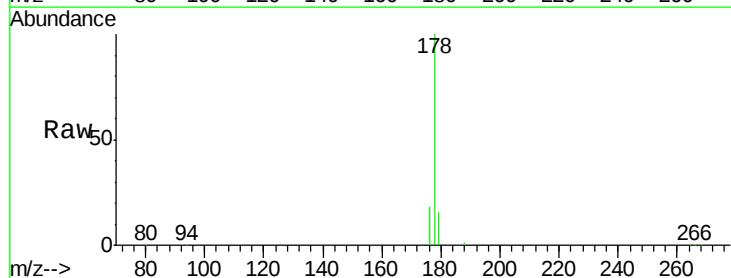
Tgt Ion:178 Resp: 23288

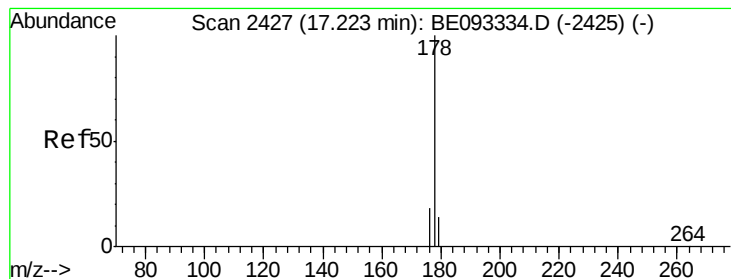
Ion Ratio Lower Upper

178 100

179 16.5 18.4 27.6#

176 17.9 13.6 20.4





#13

Anthracene

Concen: 0.071 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093337.D

Acq: 23 Jun 2017 14:30

Instrument :

BNA_E

ClientSampleId :

F5A92DL

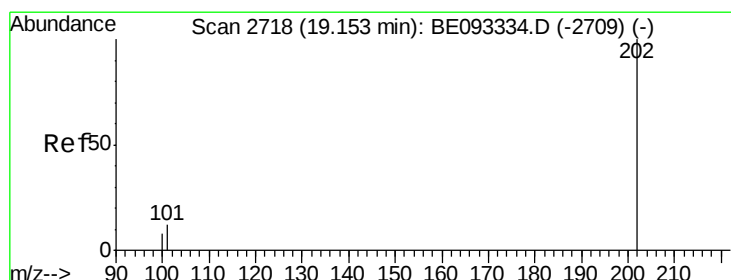
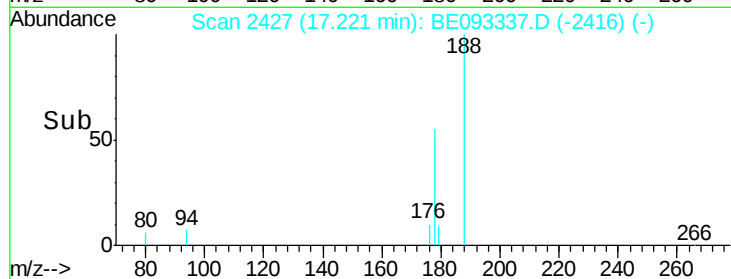
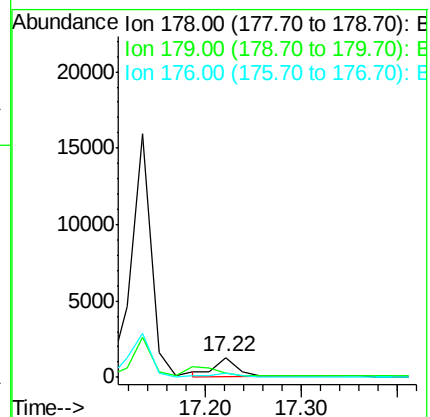
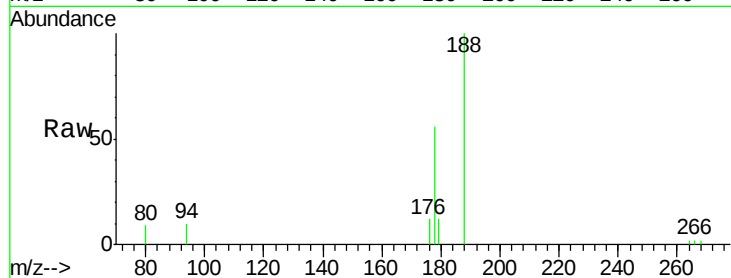
Tgt Ion:178 Resp: 1991

Ion Ratio Lower Upper

178 100

179 20.7 18.1 27.1

176 21.6 14.7 22.1



#15

Fluoranthene

Concen: 0.101 ng/ul

RT: 19.15 min Scan# 2718

Delta R.T. -0.00 min

Lab File: BE093337.D

Acq: 23 Jun 2017 14:30

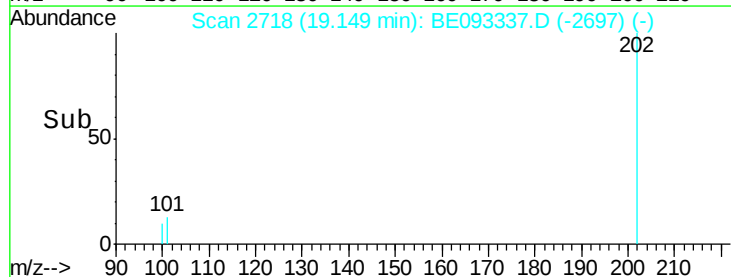
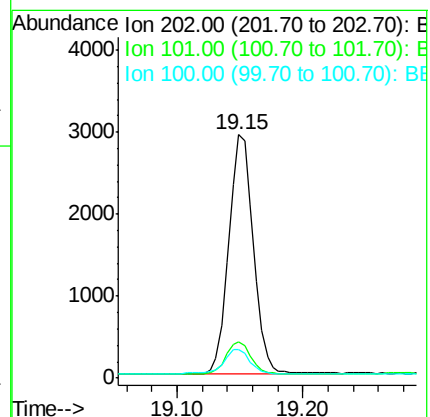
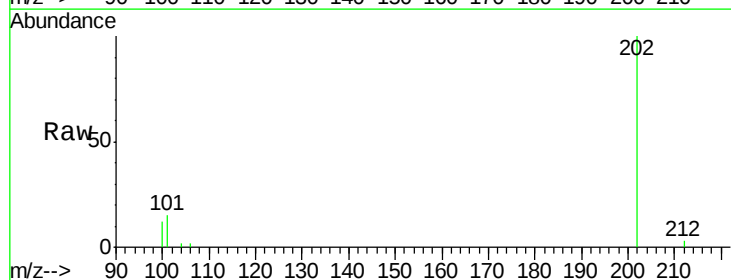
Tgt Ion:202 Resp: 3972

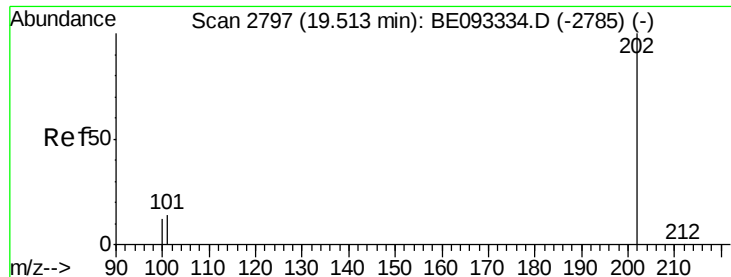
Ion Ratio Lower Upper

202 100

101 15.1 0.0 30.3

100 11.7 0.0 39.5





#17

Pyrene

Concen: 0.101 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BE093337.D

Acq: 23 Jun 2017 14:30

Instrument :

BNA_E

ClientSampleId :

F5A92DL

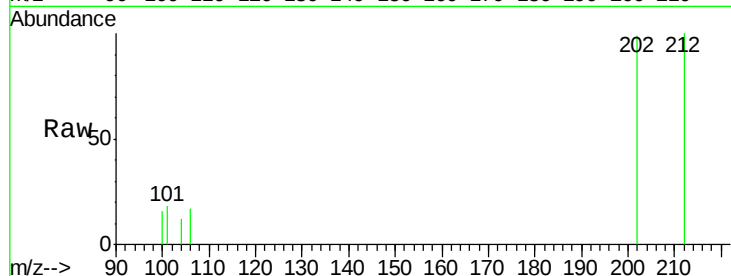
Tgt Ion:202 Resp: 3510

Ion Ratio Lower Upper

202 100

101 18.1 18.2 27.4#

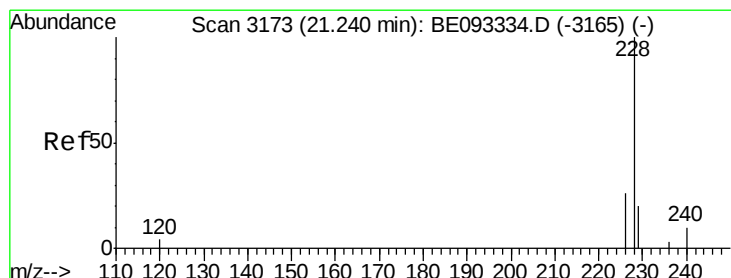
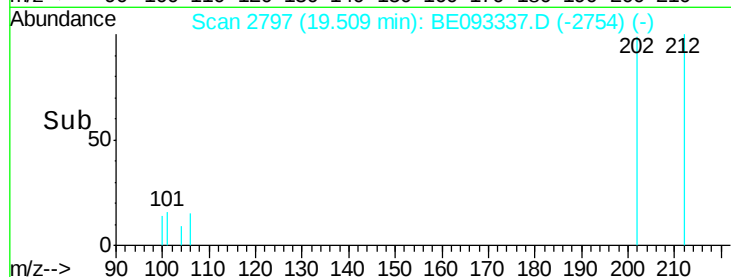
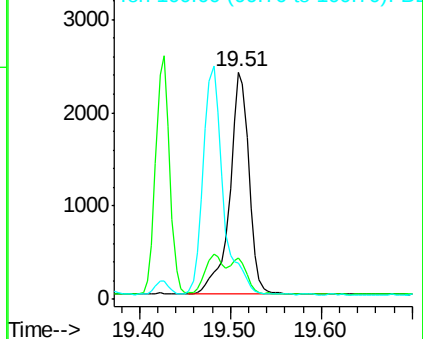
100 15.8 15.6 23.4



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: 0.023 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE093337.D

Acq: 23 Jun 2017 14:30

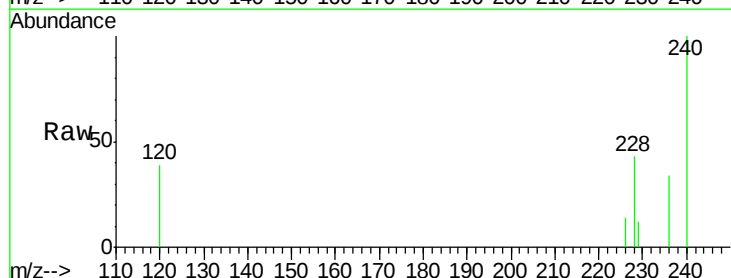
Tgt Ion:228 Resp: 710

Ion Ratio Lower Upper

228 100

229 28.1 22.8 34.2

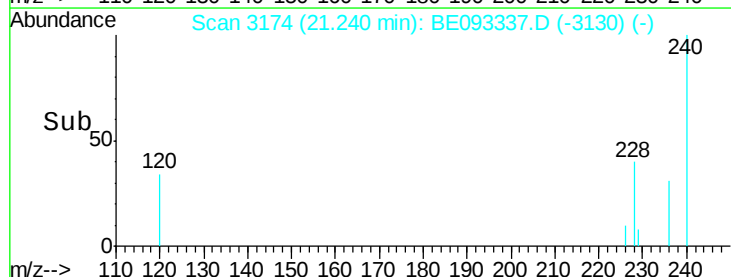
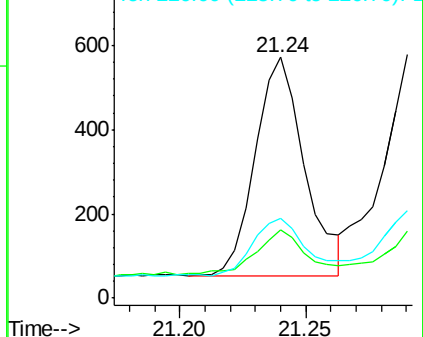
226 33.0 17.0 25.6#

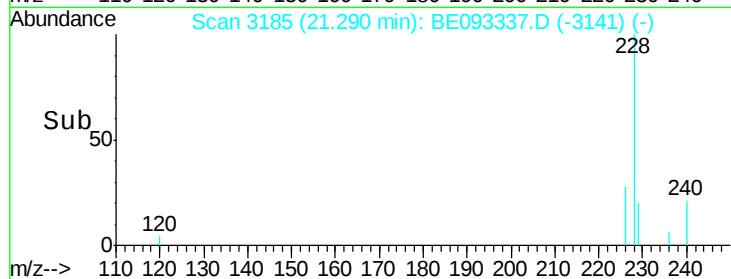
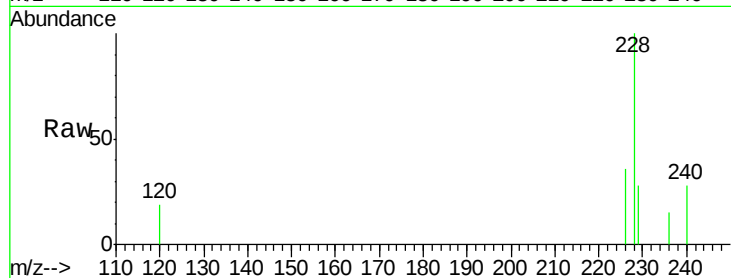
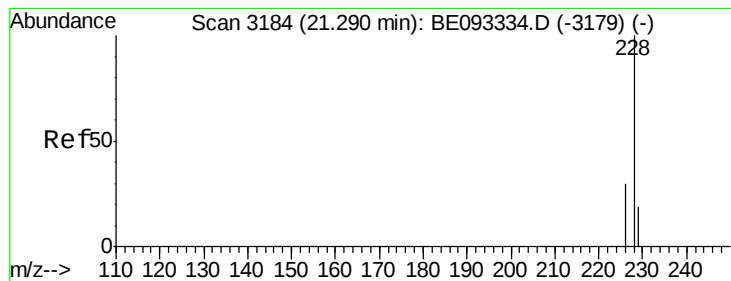


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.024 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093337.D

Acq: 23 Jun 2017 14:30

Instrument :

BNA_E

ClientSampleId :

F5A92DL

Tgt Ion:228 Resp: 779

Ion Ratio Lower Upper

228 100

226 35.8 23.4 35.0#

229 27.5 17.7 26.5#

