

Data File : BE093281.D
Acq On : 20 Jun 2017 14:54
Operator : SJ/JU
Sample : I3625-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A85

Quant Time: Jun 21 01:50:31 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2003	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	10640	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	6860	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	16557	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	15838	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	809068	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4219	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	11689	0.26	ng/ul	0.00

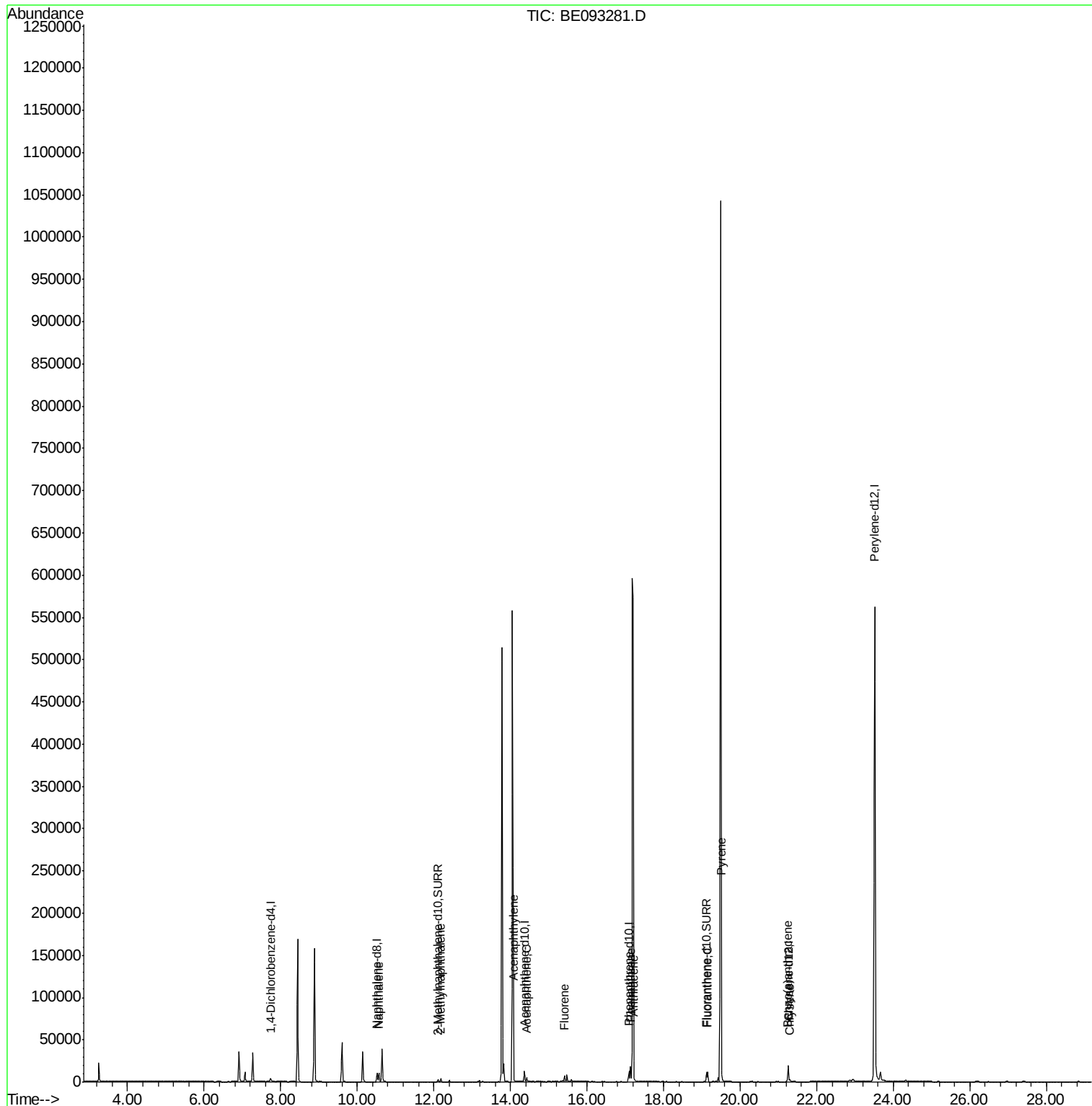
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	15050	0.57	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	3074	0.17	ng/ul	97
7) Acenaphthylene	14.08	152	700	0.02	ng/ul#	79
8) Acenaphthene	14.43	153	3051	0.13	ng/ul	97
9) Fluorene	15.42	166	4419	0.16	ng/ul	93
12) Phenanthrene	17.14	178	19014	0.42	ng/ul#	88
13) Anthracene	17.22	178	3991	0.10	ng/ul#	92
15) Fluoranthene	19.15	202	11792	0.21	ng/ul	83
17) Pyrene	19.51	202	10804	0.23	ng/ul#	89
18) Benzo(a)anthracene	21.24	228	2791	0.07	ng/ul#	84
19) Chrysene	21.30	228	2819	0.06	ng/ul	93

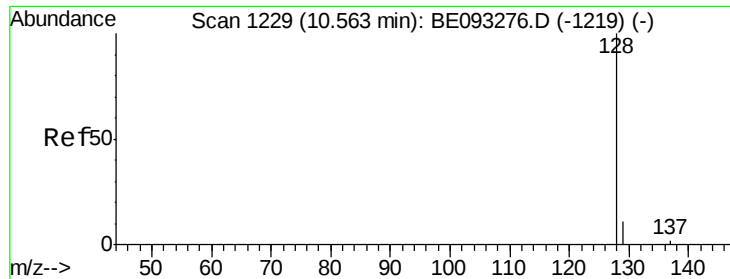
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BE093281.D
Acq On : 20 Jun 2017 14:54
Operator : SJ/JU
Sample : I3625-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A85

Quant Time: Jun 21 01:50:31 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.57 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093281.D

Acq: 20 Jun 2017 14:54

Instrument :

BNA_E

ClientSampleId :

F5A85

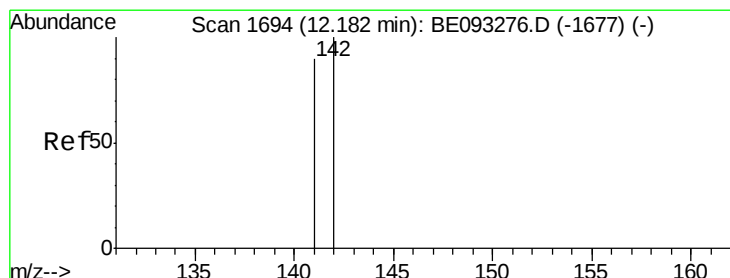
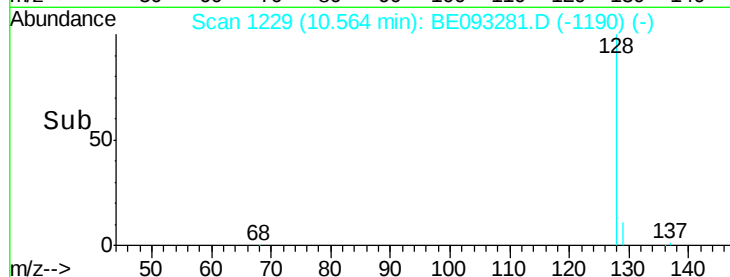
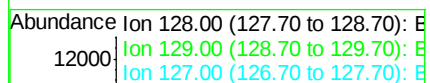
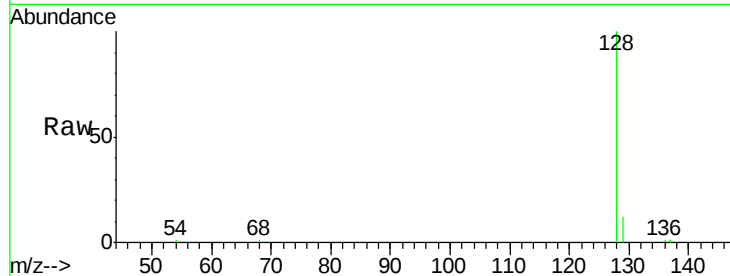
Tgt Ion:128 Resp: 15050

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.17 ng/ul

RT: 12.18 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BE093281.D

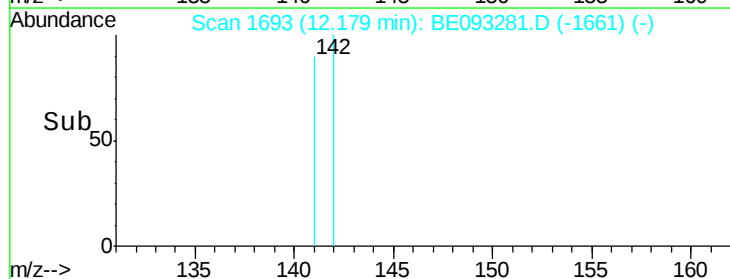
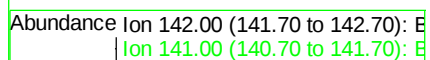
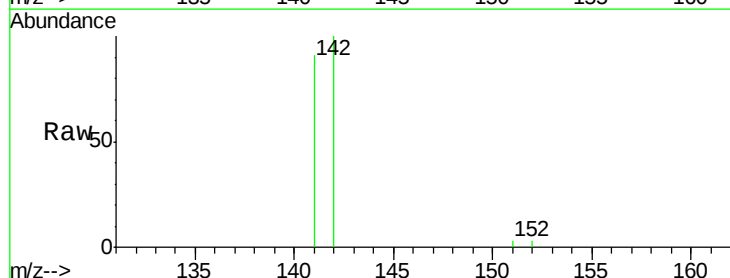
Acq: 20 Jun 2017 14:54

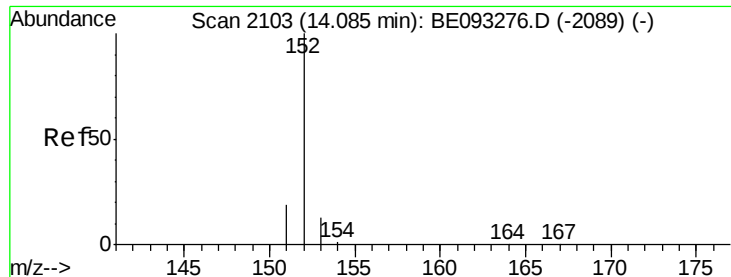
Tgt Ion:142 Resp: 3074

Ion Ratio Lower Upper

142 100

141 88.1 72.6 108.8





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093281.D

Acq: 20 Jun 2017 14:54

Instrument :

BNA_E

ClientSampleId :

F5A85

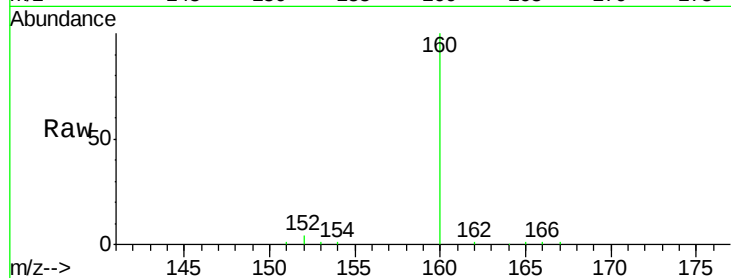
Tgt Ion:152 Resp: 700

Ion Ratio Lower Upper

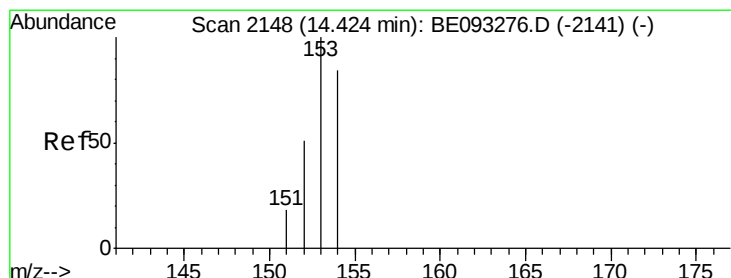
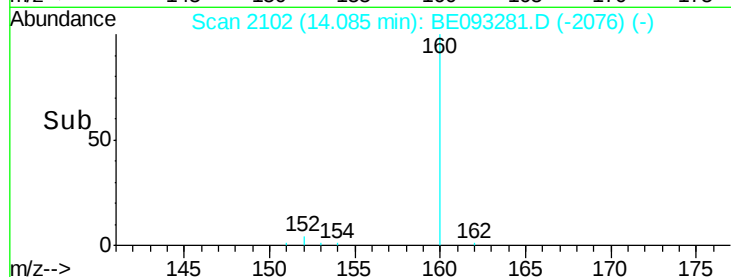
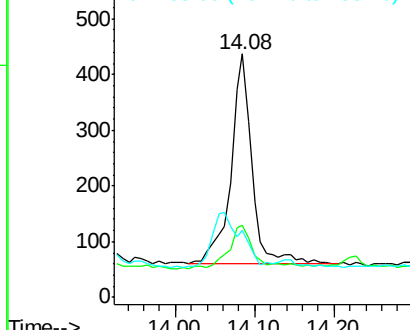
152 100

151 29.5 17.1 25.7#

153 27.5 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: 0.13 ng/ul

RT: 14.43 min Scan# 2148

Delta R.T. 0.01 min

Lab File: BE093281.D

Acq: 20 Jun 2017 14:54

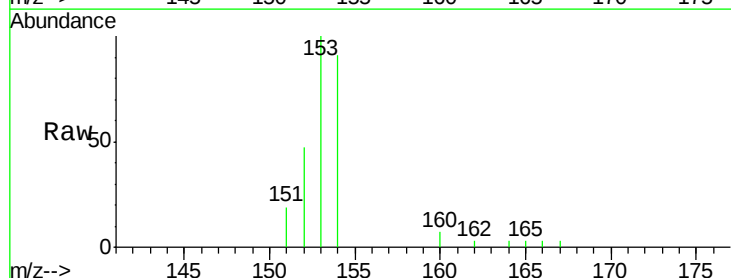
Tgt Ion:153 Resp: 3051

Ion Ratio Lower Upper

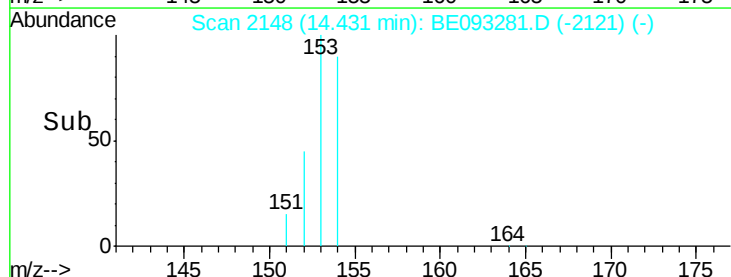
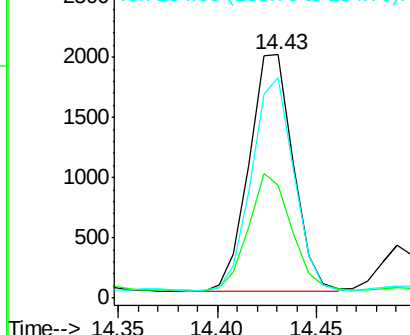
153 100

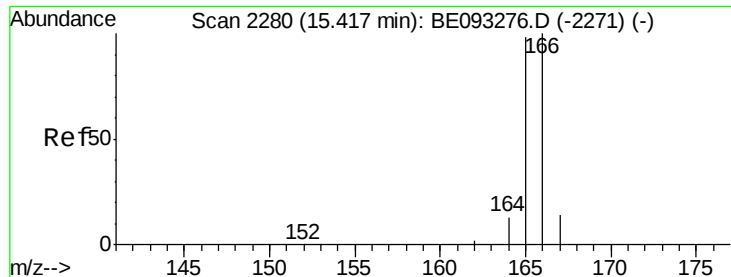
152 46.5 40.3 60.5

154 90.6 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





#9

Fluorene

Concen: 0.16 ng/ul

RT: 15.42 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE093281.D

Acq: 20 Jun 2017 14:54

Instrument :

BNA_E

ClientSampleId :

F5A85

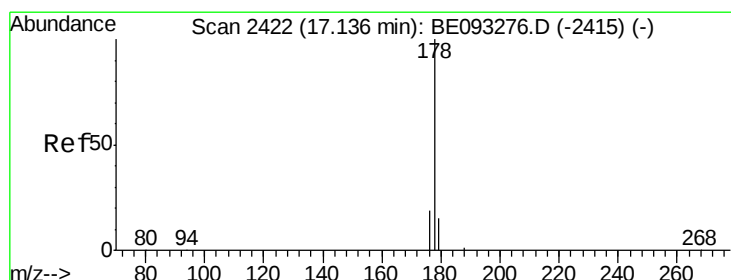
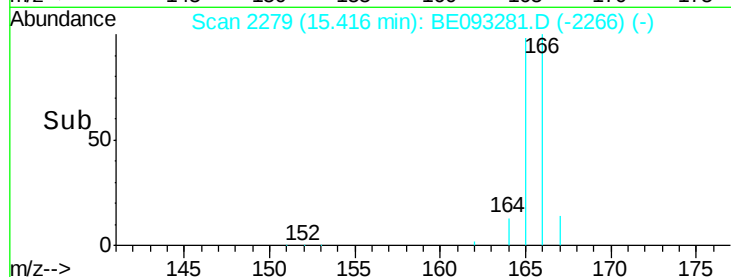
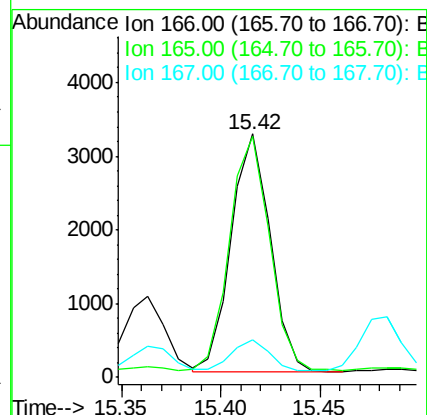
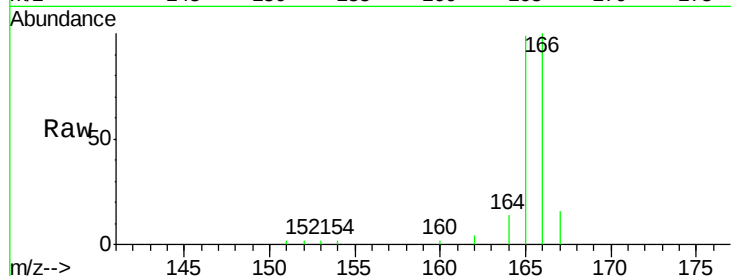
Tgt Ion:166 Resp: 4419

Ion Ratio Lower Upper

166 100

165 98.9 73.4 110.2

167 15.6 14.6 22.0



#12

Phenanthrene

Concen: 0.42 ng/ul

RT: 17.14 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BE093281.D

Acq: 20 Jun 2017 14:54

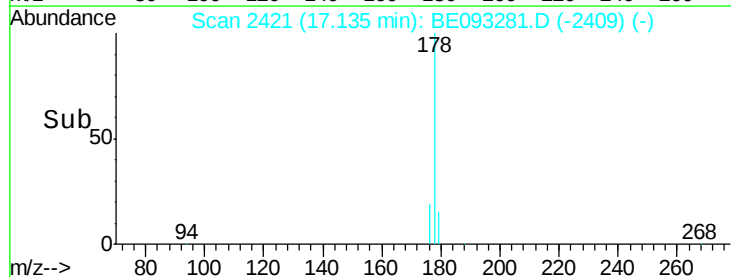
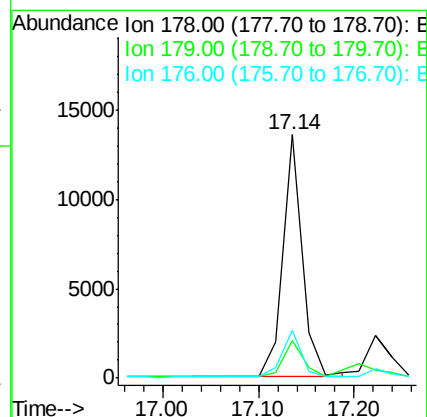
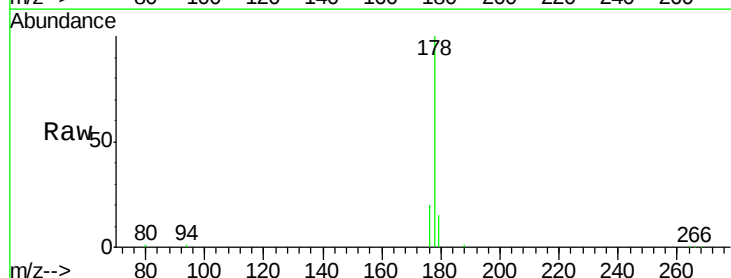
Tgt Ion:178 Resp: 19014

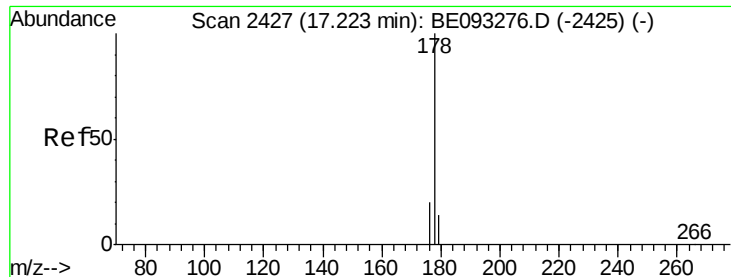
Ion Ratio Lower Upper

178 100

179 15.3 18.4 27.6#

176 19.5 13.6 20.4





#13

Anthracene

Concen: 0.10 ng/ul

RT: 17.22 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BE093281.D

Acq: 20 Jun 2017 14:54

Instrument :

BNA_E

ClientSampleId :

F5A85

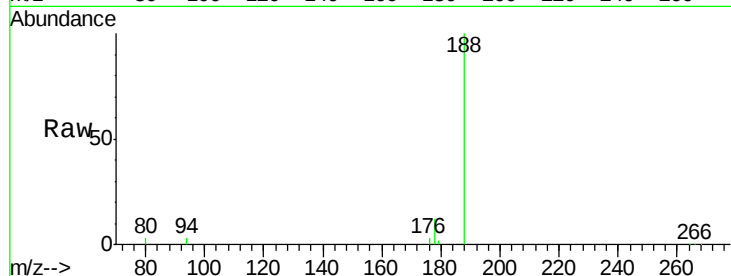
Tgt Ion:178 Resp: 3991

Ion Ratio Lower Upper

178 100

179 18.8 18.1 27.1

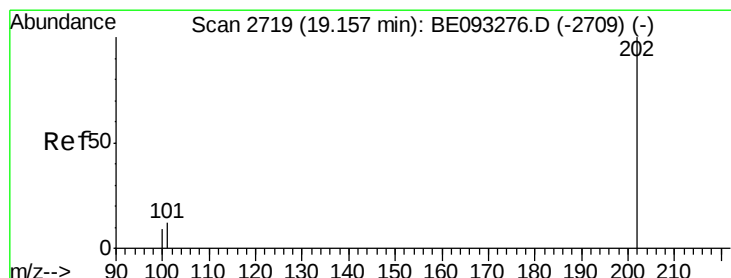
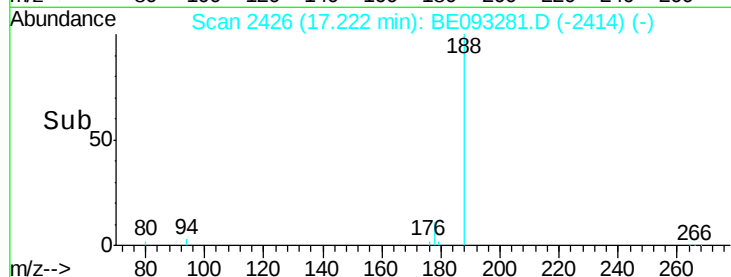
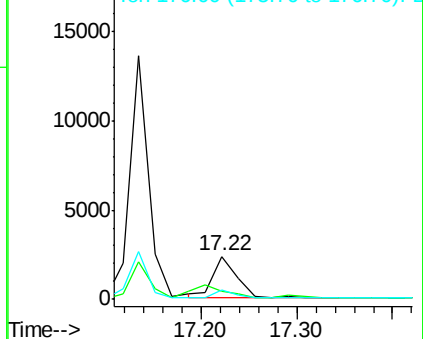
176 22.4 14.7 22.1#



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: 0.21 ng/ul

RT: 19.15 min Scan# 2718

Delta R.T. -0.00 min

Lab File: BE093281.D

Acq: 20 Jun 2017 14:54

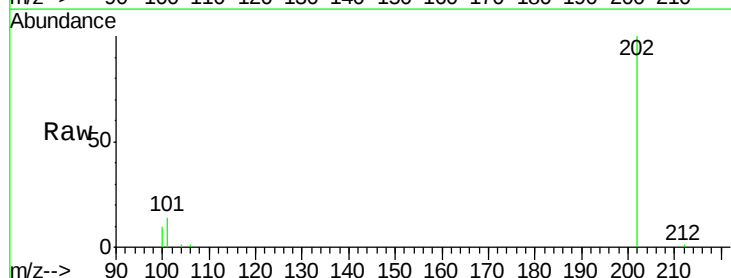
Tgt Ion:202 Resp: 11792

Ion Ratio Lower Upper

202 100

101 13.6 0.0 30.3

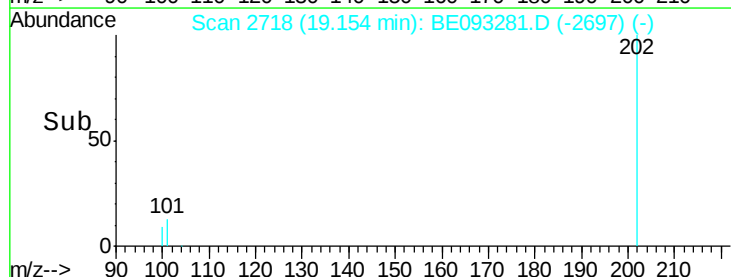
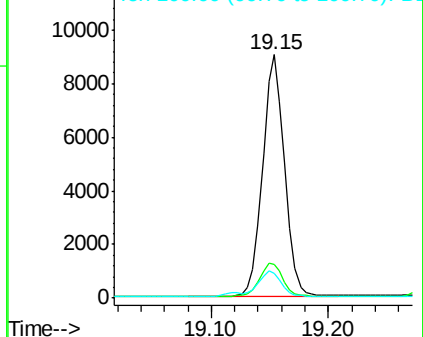
100 10.2 0.0 39.5

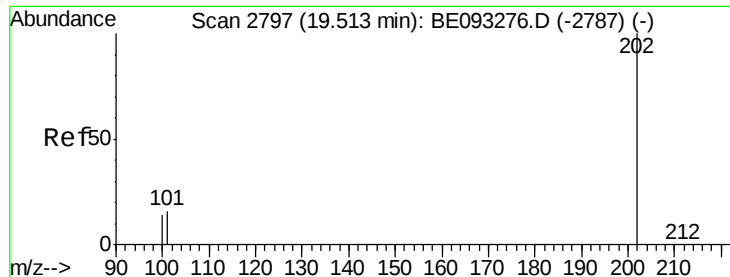


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pyrene

Concen: 0.23 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BE093281.D

Acq: 20 Jun 2017 14:54

Instrument :

BNA_E

ClientSampleId :

F5A85

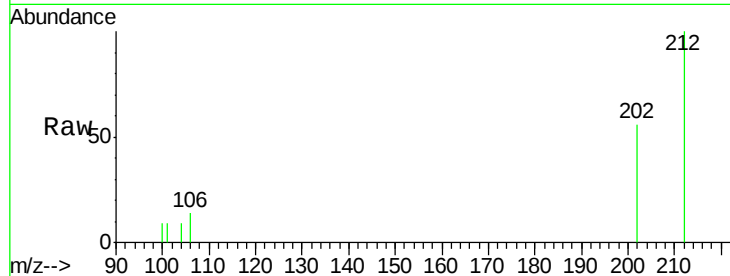
Tgt Ion:202 Resp: 10804

Ion Ratio Lower Upper

202 100

101 17.0 18.2 27.4#

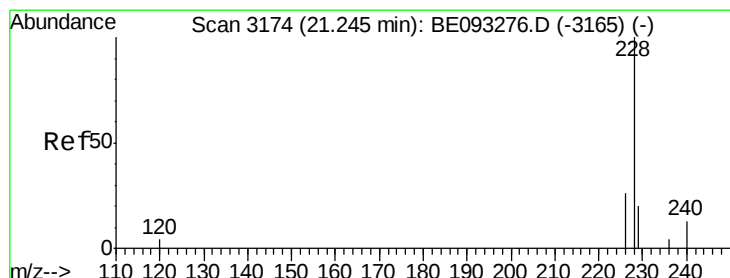
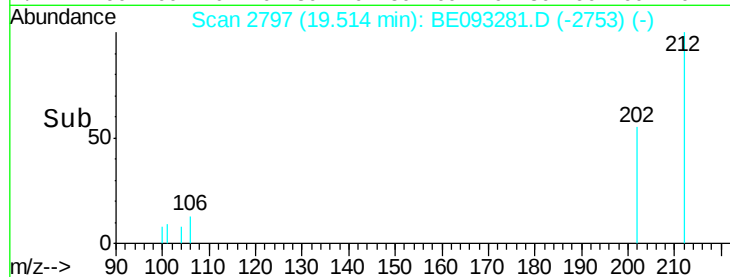
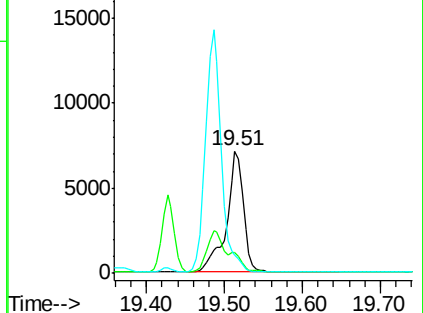
100 15.5 15.6 23.4#



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: 0.07 ng/ul

RT: 21.24 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BE093281.D

Acq: 20 Jun 2017 14:54

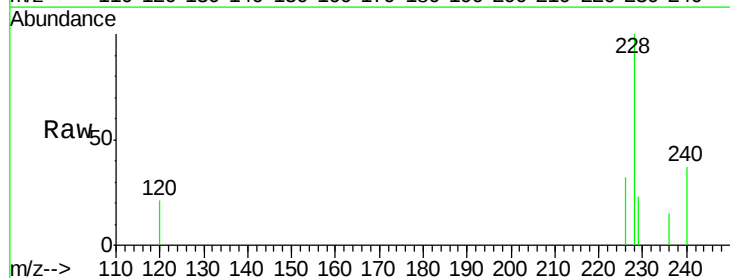
Tgt Ion:228 Resp: 2791

Ion Ratio Lower Upper

228 100

229 22.9 22.8 34.2

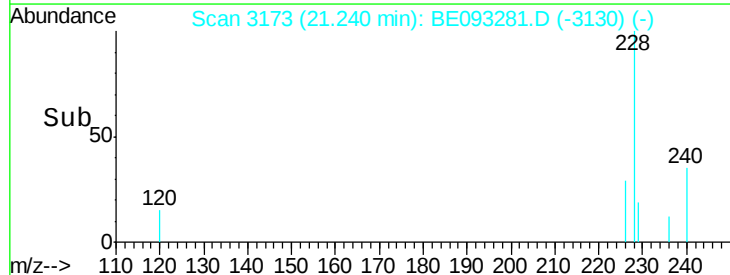
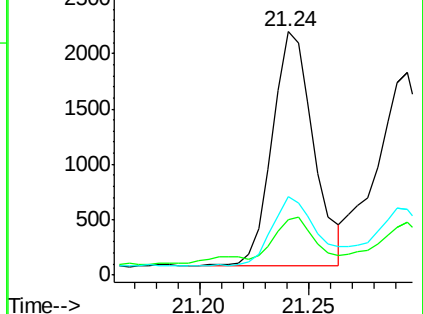
226 32.0 17.0 25.6#

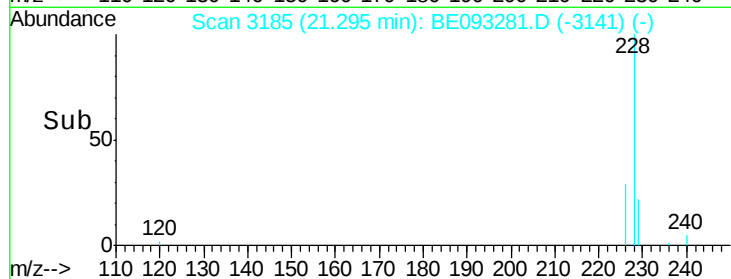
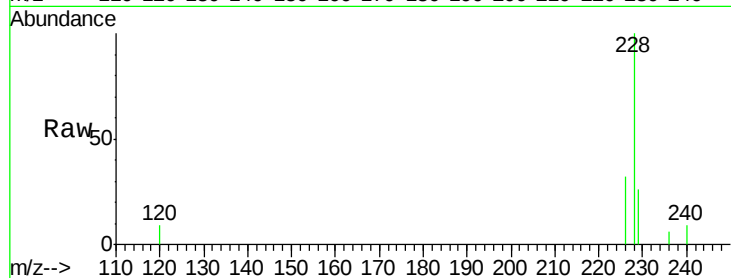
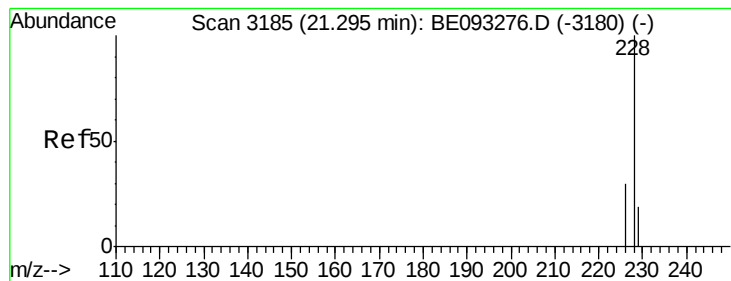


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.06 ng/ul

RT: 21.30 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093281.D

Acq: 20 Jun 2017 14:54

Instrument :

BNA_E

ClientSampleId :

F5A85

Tgt Ion:228 Resp: 2819

Ion Ratio Lower Upper

228 100

226 32.4 23.4 35.0

229 26.3 17.7 26.5

