

Data File : BE093286.D
Acq On : 20 Jun 2017 17:55
Operator : SJ/JU
Sample : I3627-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A45

Quant Time: Jun 21 01:51:11 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	1691	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8827	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5450	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13027	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12854	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	515004	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2589	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	7215	0.20	ng/ul	0.00

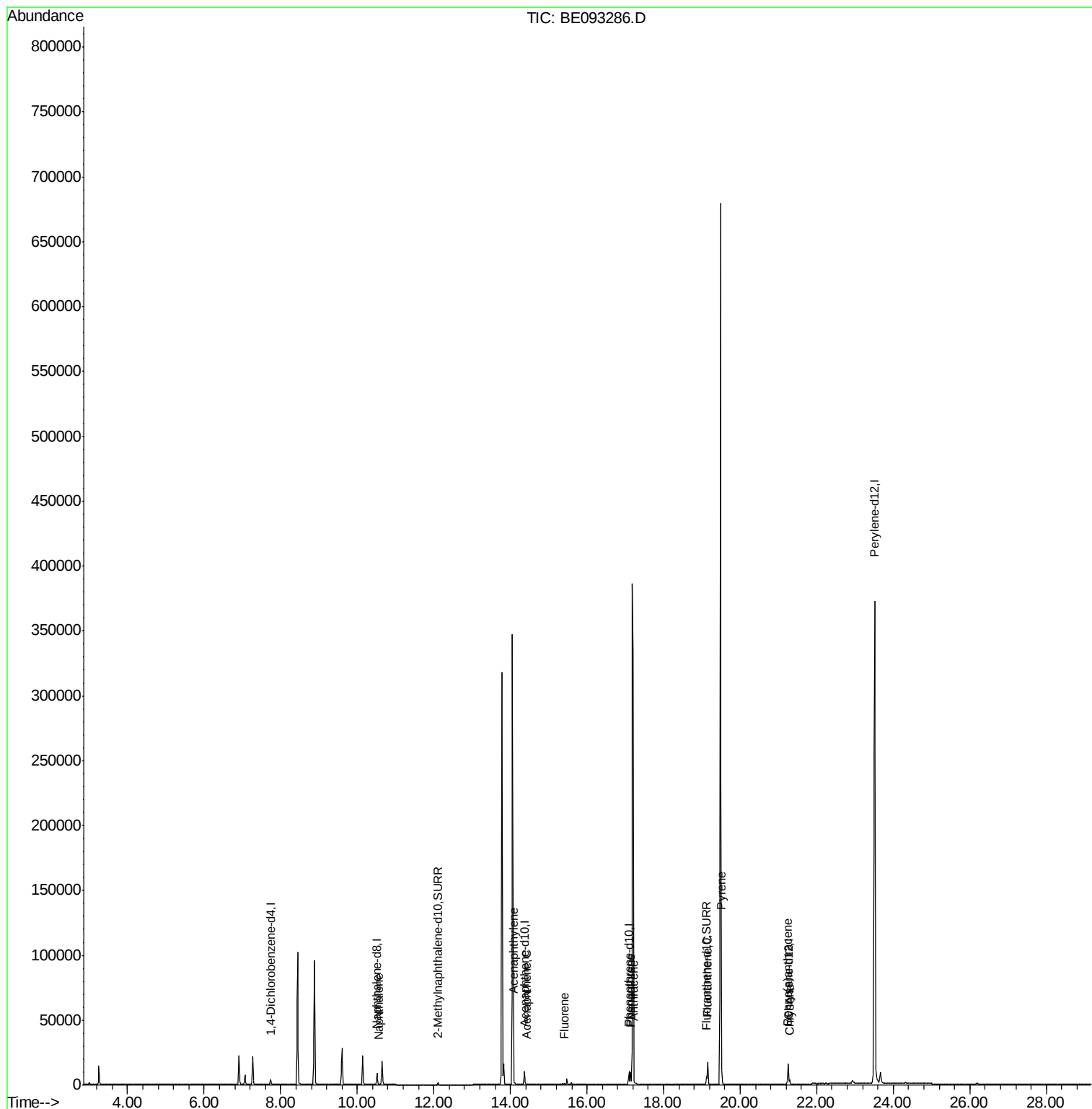
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	472	0.02	ng/ul#	76
7) Acenaphthylene	14.08	152	293	0.01	ng/ul#	38
8) Acenaphthene	14.42	153	215	0.01	ng/ul#	91
9) Fluorene	15.42	166	426	0.02	ng/ul#	89
12) Phenanthrene	17.13	178	10293	0.29	ng/ul#	89
13) Anthracene	17.22	178	2178	0.07	ng/ul#	93
15) Fluoranthene	19.15	202	18339	0.42	ng/ul	83
17) Pyrene	19.51	202	16534	0.44	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	3693	0.11	ng/ul#	85
19) Chrysene	21.30	228	3998	0.11	ng/ul	96

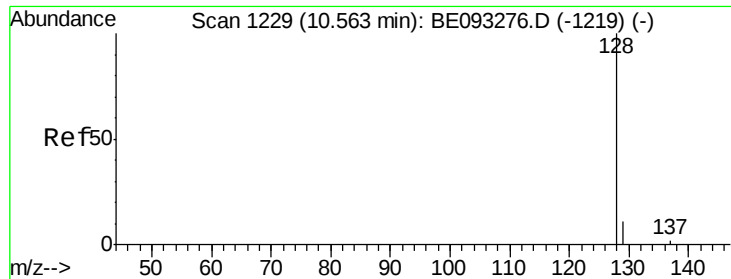
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093286.D

Acq: 20 Jun 2017 17:55

Instrument :

BNA_E

ClientSampleId :

F5A45

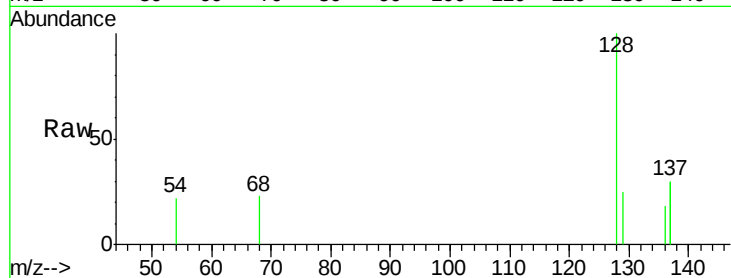
Tgt Ion:128 Resp: 472

Ion Ratio Lower Upper

128 100

129 25.0 11.3 16.9#

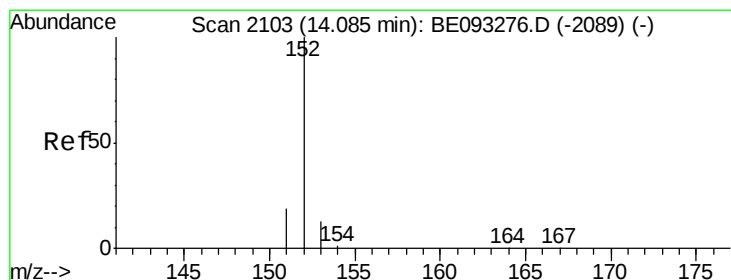
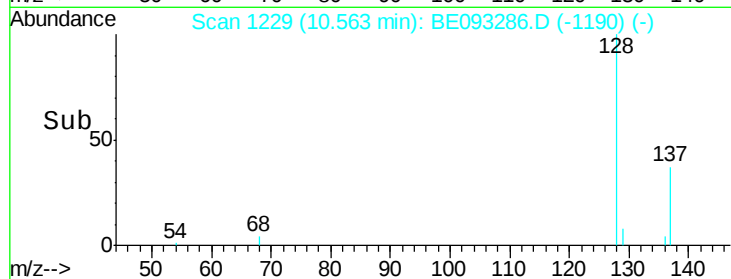
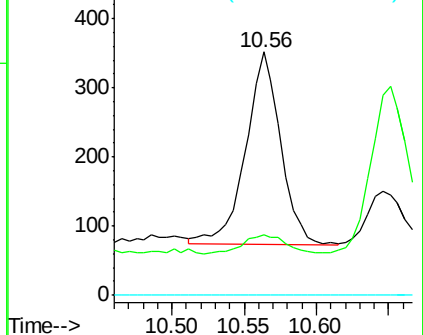
127 0.0 4.0 6.0#



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



#7

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093286.D

Acq: 20 Jun 2017 17:55

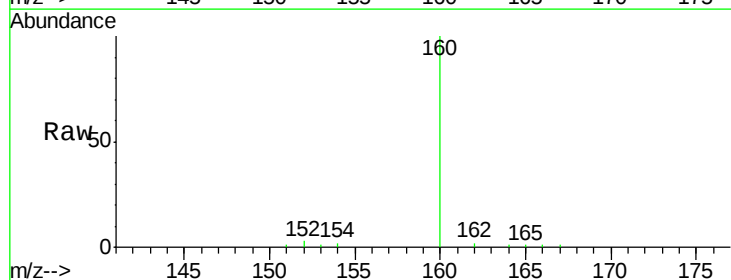
Tgt Ion:152 Resp: 293

Ion Ratio Lower Upper

152 100

151 48.2 17.1 25.7#

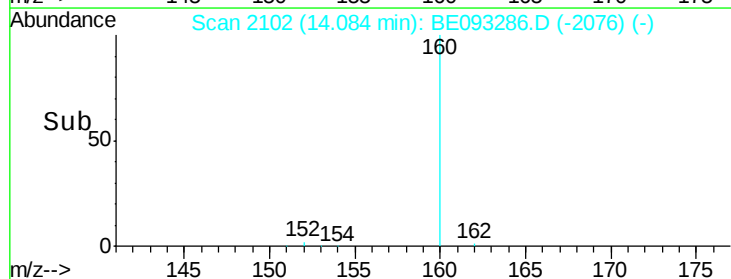
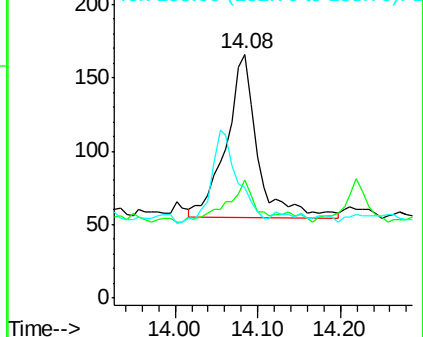
153 45.2 12.8 19.2#

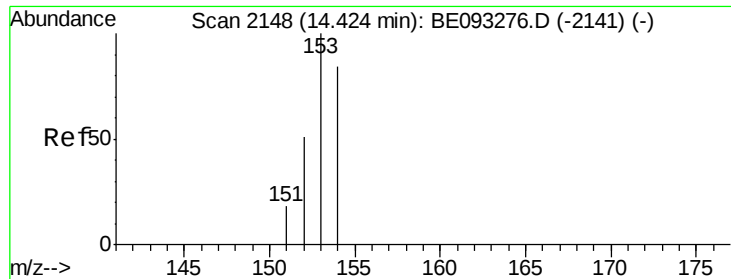


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.42 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BE093286.D

Acq: 20 Jun 2017 17:55

Instrument :

BNA_E

ClientSampleId :

F5A45

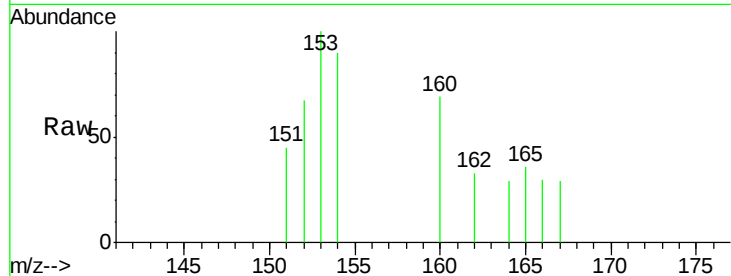
Tgt Ion:153 Resp: 215

Ion Ratio Lower Upper

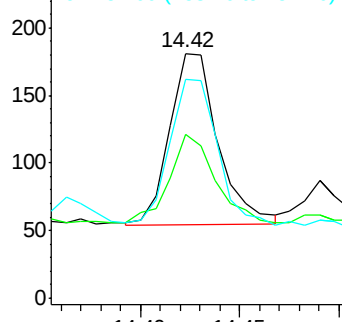
153 100

152 66.9 40.3 60.5#

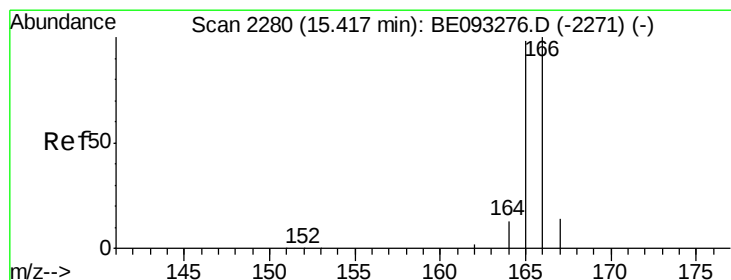
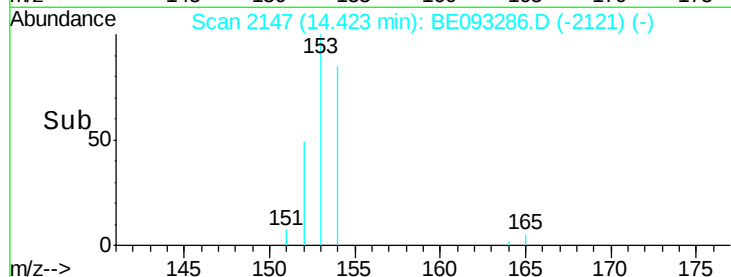
154 89.5 71.4 107.2



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



Time-->



#9

Fluorene

Concen: 0.02 ng/ul

RT: 15.42 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE093286.D

Acq: 20 Jun 2017 17:55

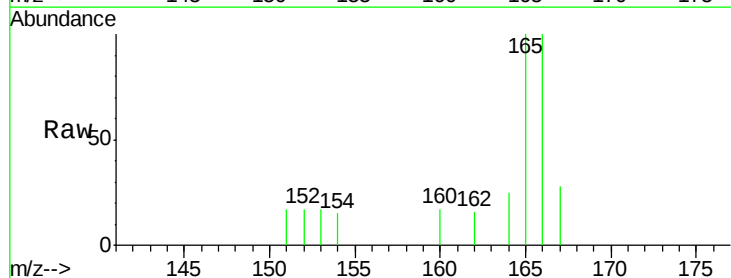
Tgt Ion:166 Resp: 426

Ion Ratio Lower Upper

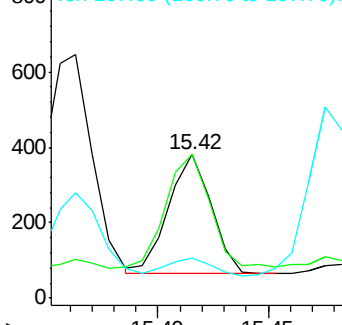
166 100

165 100.0 73.4 110.2

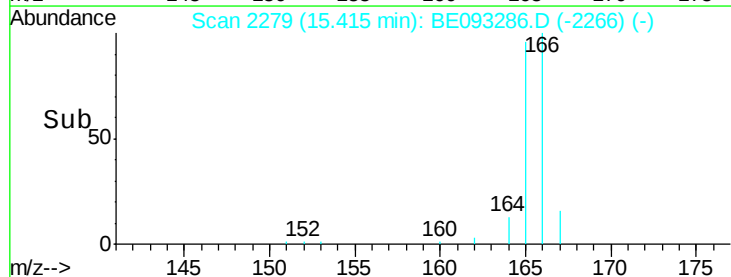
167 27.6 14.6 22.0#

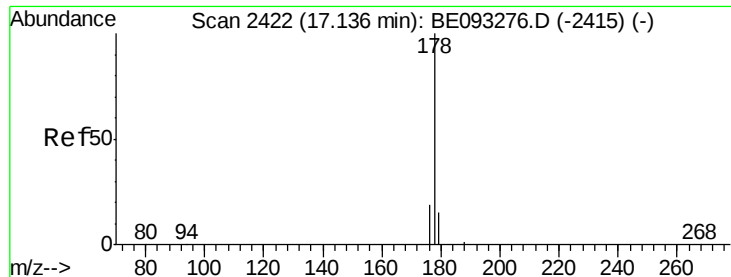


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 0.29 ng/ul

RT: 17.13 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BE093286.D

Acq: 20 Jun 2017 17:55

Instrument :

BNA_E

ClientSampleId :

F5A45

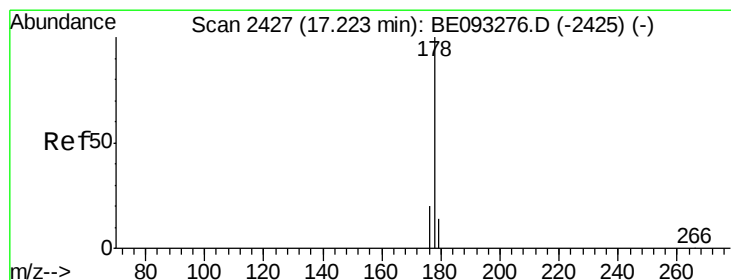
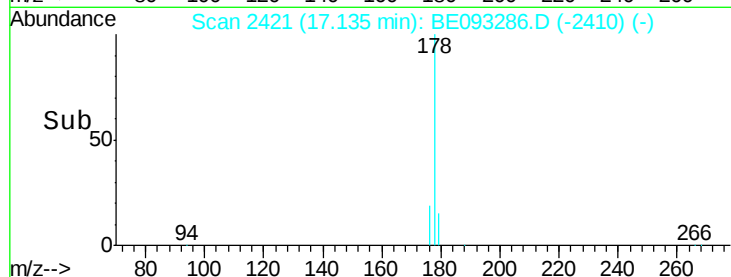
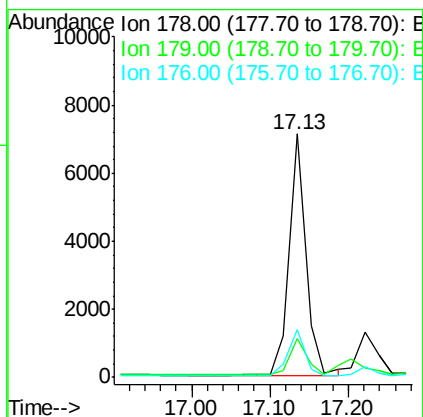
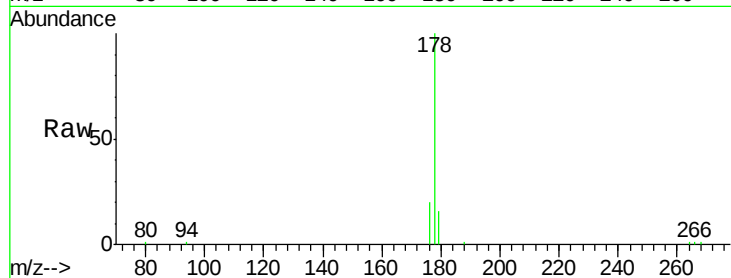
Tgt Ion:178 Resp: 10293

Ion Ratio Lower Upper

178 100

179 15.9 18.4 27.6#

176 19.7 13.6 20.4



#13

Anthracene

Concen: 0.07 ng/ul

RT: 17.22 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BE093286.D

Acq: 20 Jun 2017 17:55

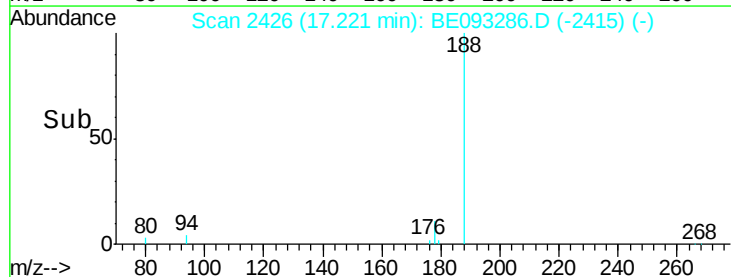
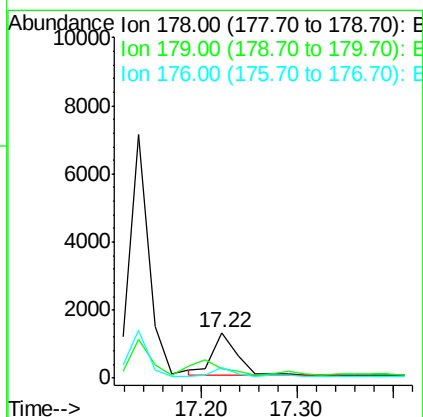
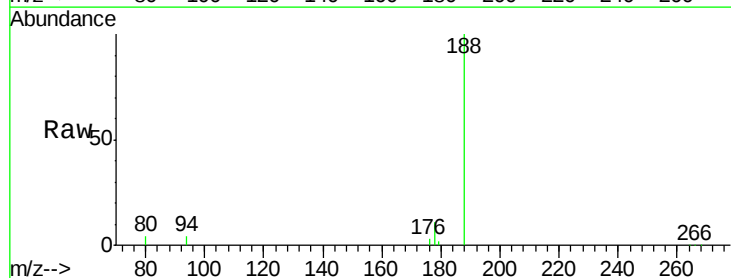
Tgt Ion:178 Resp: 2178

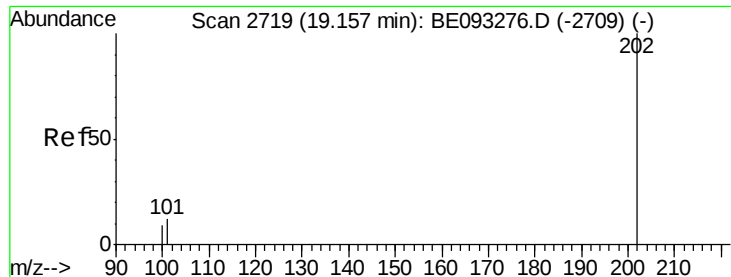
Ion Ratio Lower Upper

178 100

179 20.8 18.1 27.1

176 23.0 14.7 22.1#





#15

Fluoranthene

Concen: 0.42 ng/ul

RT: 19.15 min Scan# 2718

Delta R.T. -0.00 min

Lab File: BE093286.D

Acq: 20 Jun 2017 17:55

Instrument :

BNA_E

ClientSampleId :

F5A45

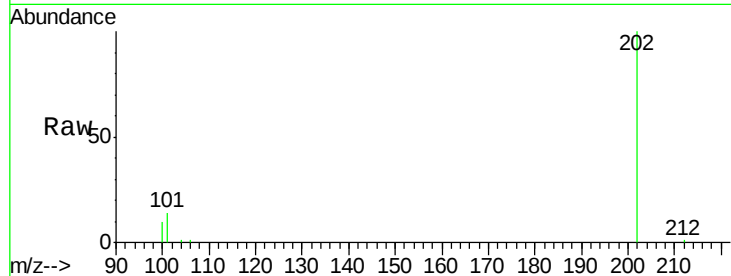
Tgt Ion:202 Resp: 18339

Ion Ratio Lower Upper

202 100

101 14.3 0.0 30.3

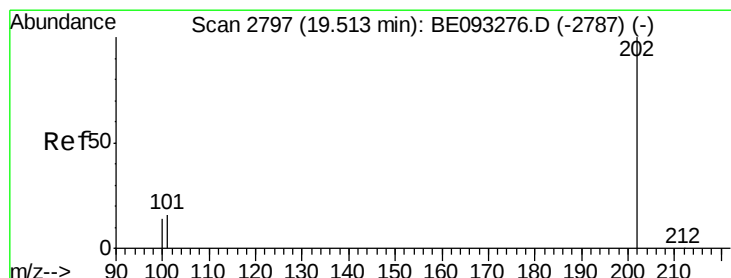
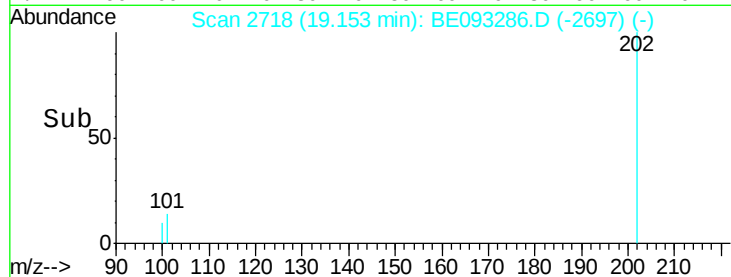
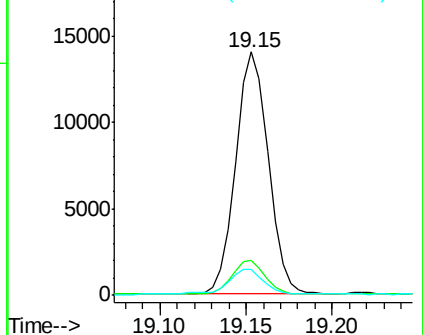
100 10.4 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.44 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BE093286.D

Acq: 20 Jun 2017 17:55

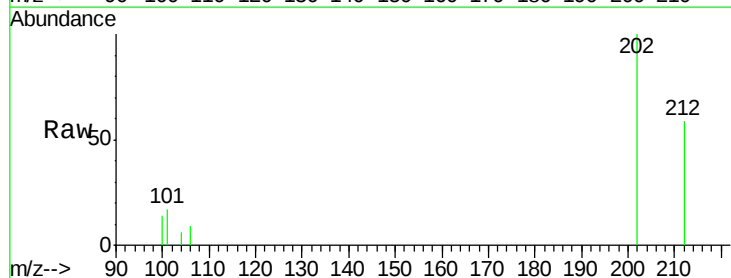
Tgt Ion:202 Resp: 16534

Ion Ratio Lower Upper

202 100

101 16.8 18.2 27.4#

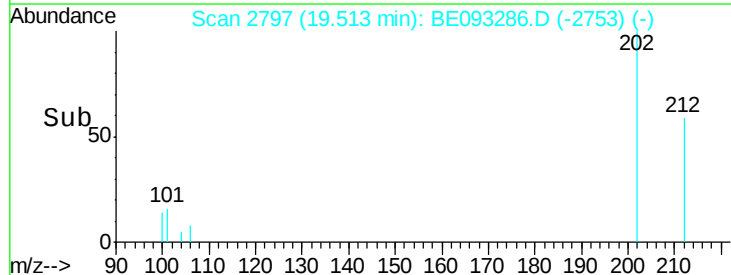
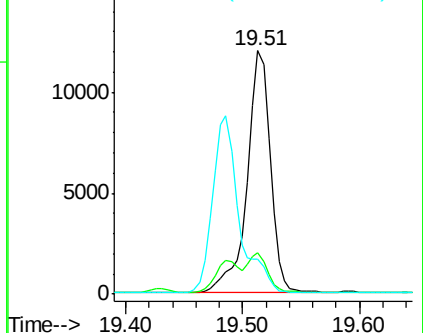
100 14.4 15.6 23.4#

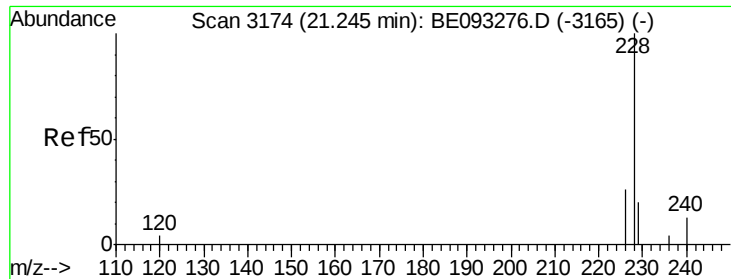


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.11 ng/ul

RT: 21.24 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BE093286.D

Acq: 20 Jun 2017 17:55

Instrument :

BNA_E

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F5A45

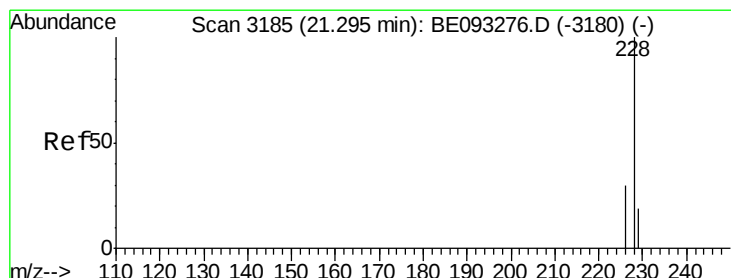
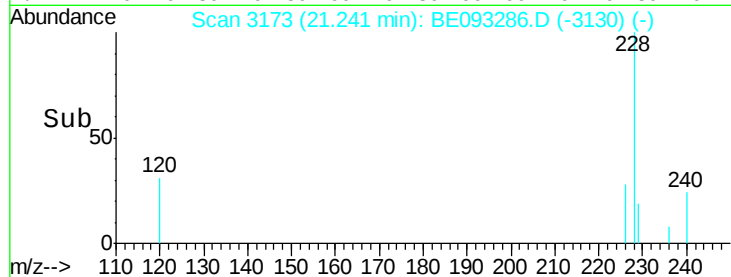
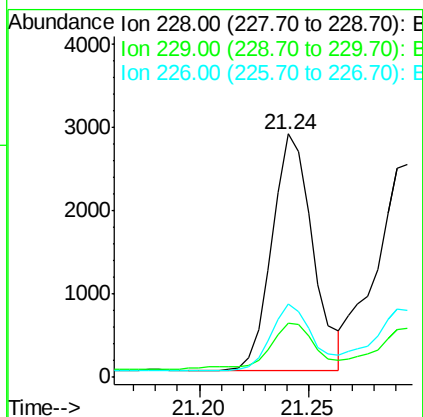
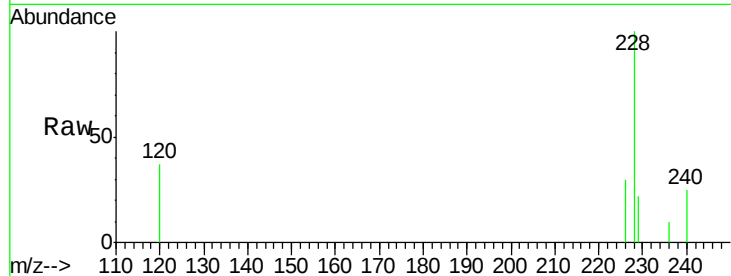
Tgt Ion:228 Resp: 3693

Ion Ratio Lower Upper

228 100

229 22.1 22.8 34.2#

226 30.0 17.0 25.6#



#19

Chrysene

Concen: 0.11 ng/ul

RT: 21.30 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093286.D

Acq: 20 Jun 2017 17:55

Tgt Ion:228 Resp: 3998

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

229 23.2 17.7 26.5

