

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
 Data File : BE093245.D
 Acq On : 19 Jun 2017 11:44
 Operator : SJ/MA
 Sample : I3599-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A73

Quant Time: Jun 20 04:19:04 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 04:17:17 2017
 Response via : Initial Calibration

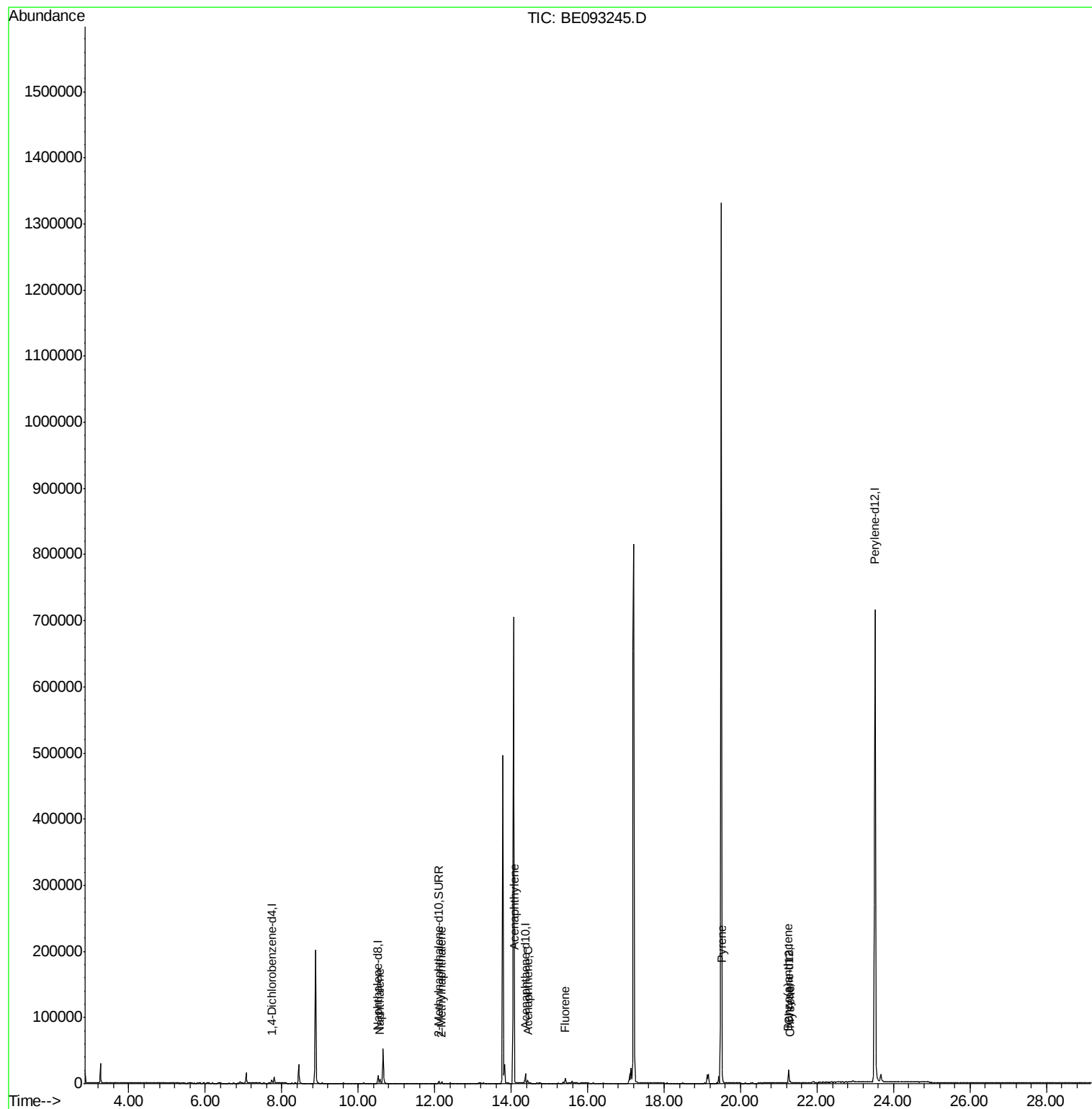
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2425	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12771	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8022	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.10
16) Chrysene-d12	21.26	240	17344	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1021812	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5553	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	14808	0.00	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	9059	0.286	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	2294	0.106	ng/ul	100
7) Acenaphthylene	14.08	152	559	0.016	ng/ul#	66
8) Acenaphthene	14.43	153	3027	0.109	ng/ul	98
9) Fluorene	15.42	166	4810	0.148	ng/ul	91
17) Pyrene	19.52	202	13801	0.270	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	3187	0.069	ng/ul#	89
19) Chrysene	21.30	228	3226	0.067	ng/ul#	87

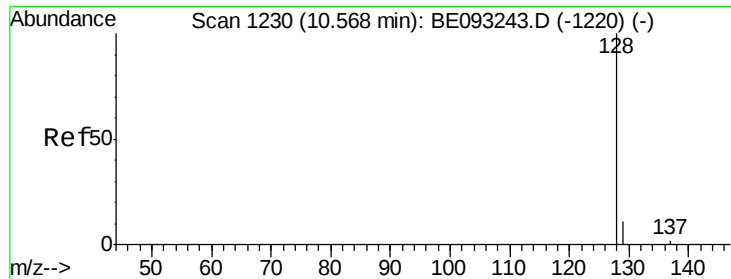
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.286 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Instrument :

BNA_E

ClientSampleId :

F5A73

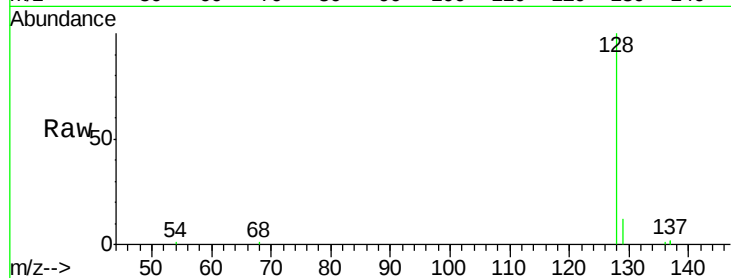
Tgt Ion:128 Resp: 9059

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

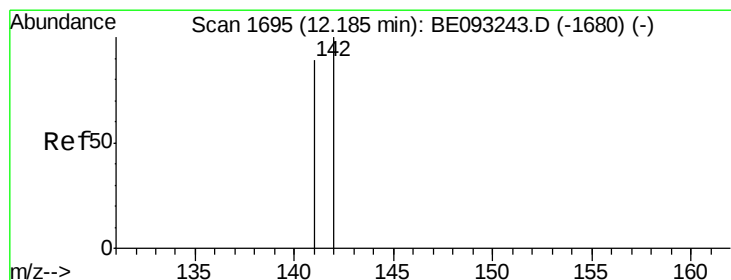
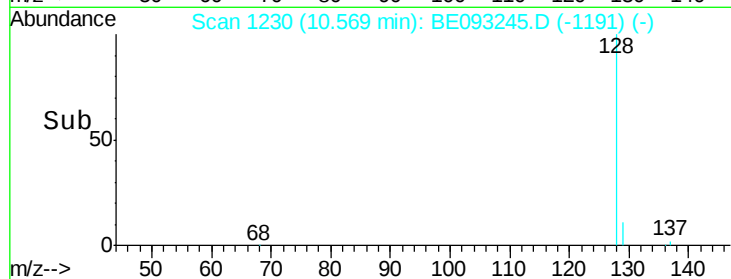
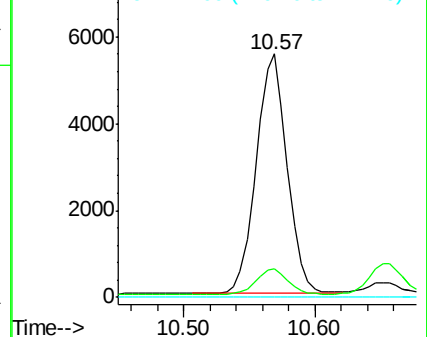
127 0.0 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.106 ng/ul

RT: 12.19 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BE093245.D

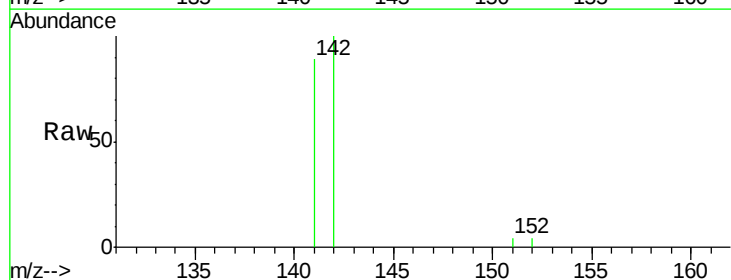
Acq: 19 Jun 2017 11:44

Tgt Ion:142 Resp: 2294

Ion Ratio Lower Upper

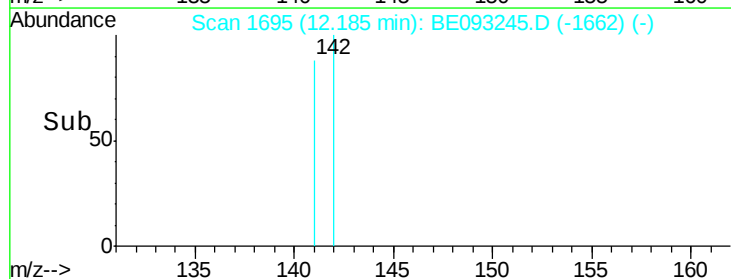
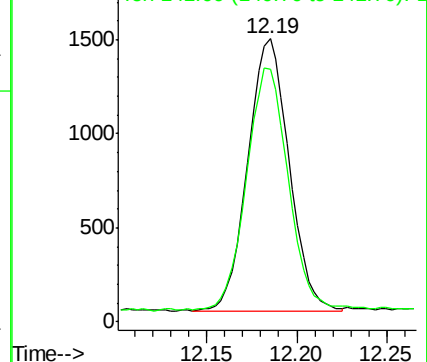
142 100

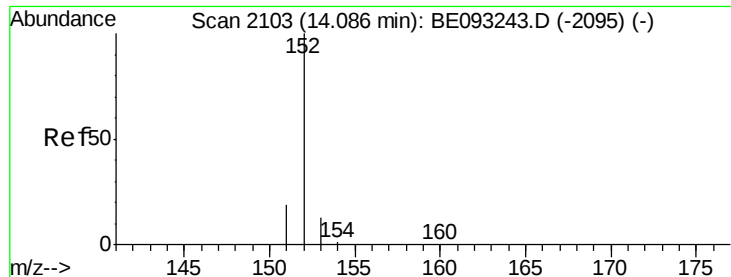
141 90.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.016 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Instrument :

BNA_E

ClientSampleId :

F5A73

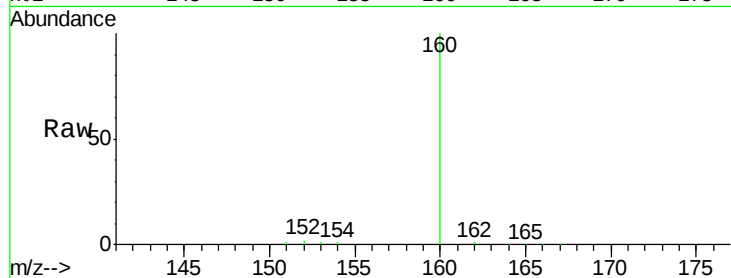
Tgt Ion:152 Resp: 559

Ion Ratio Lower Upper

152 100

151 34.5 17.1 25.7#

153 33.9 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

14.08

400

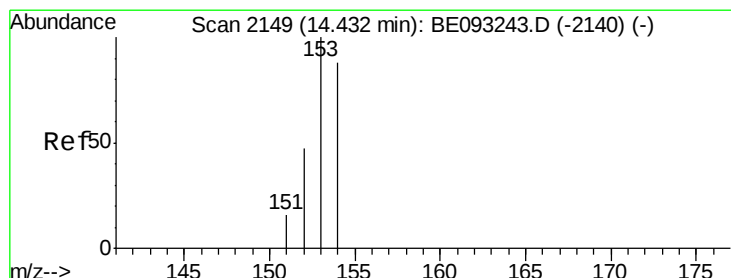
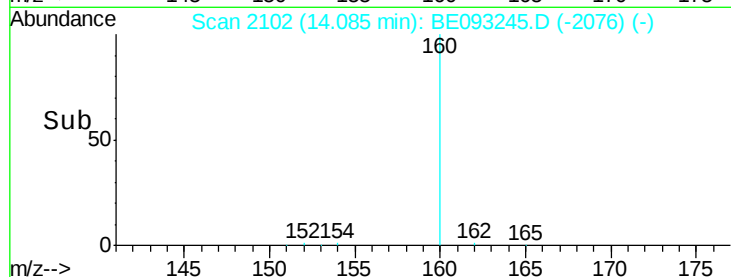
300

200

100

0

Time-->



#8

Acenaphthene

Concen: 0.109 ng/ul

RT: 14.43 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

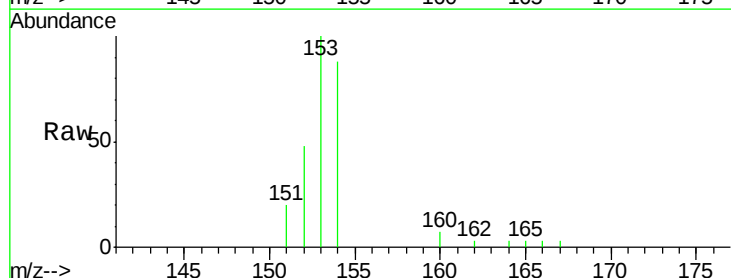
Tgt Ion:153 Resp: 3027

Ion Ratio Lower Upper

153 100

152 47.7 40.3 60.5

154 87.9 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

14.43

3000

2500

2000

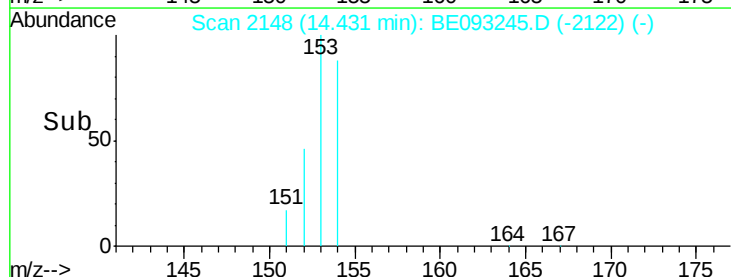
1500

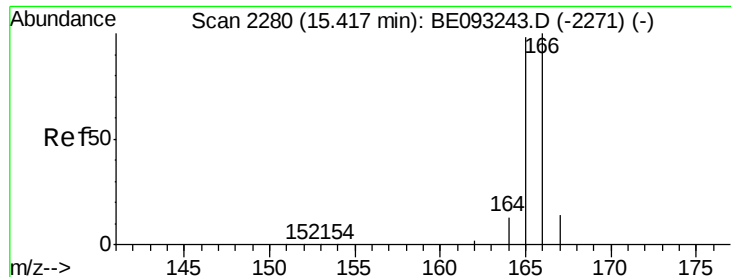
1000

500

0

Time-->





#9

Fluorene

Concen: 0.148 ng/ul

RT: 15.42 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Instrument :

BNA_E

ClientSampleId :

F5A73

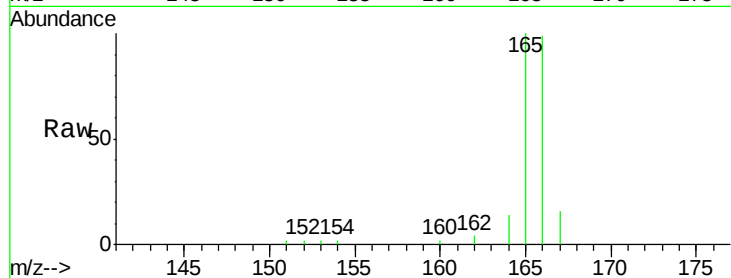
Tgt Ion:166 Resp: 4810

Ion Ratio Lower Upper

166 100

165 101.3 73.4 110.2

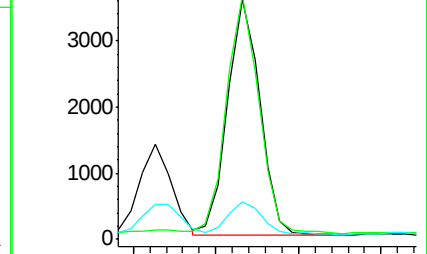
167 15.8 14.6 22.0



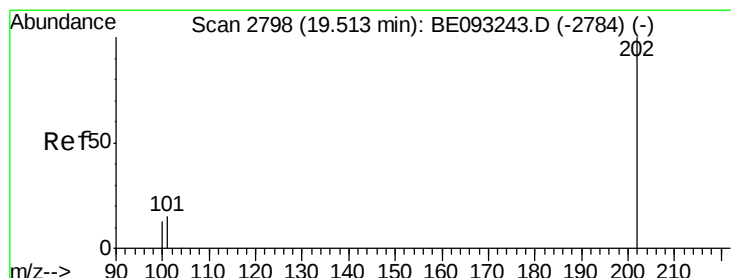
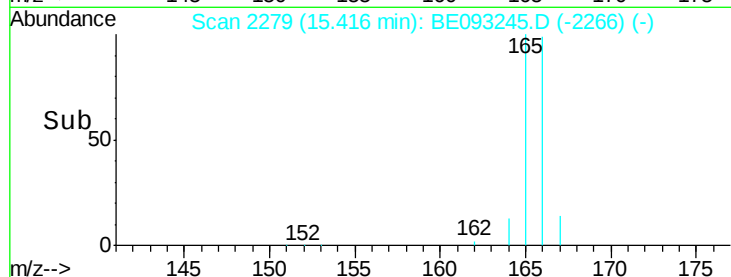
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#17

Pyrene

Concen: 0.270 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

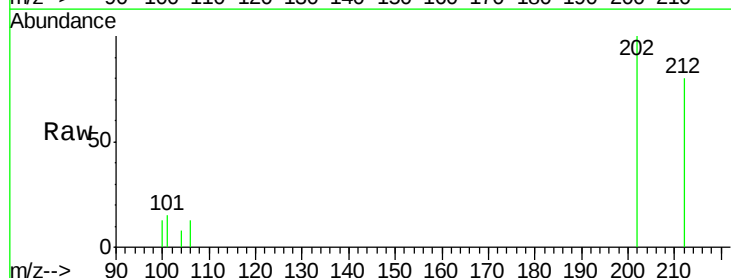
Tgt Ion:202 Resp: 13801

Ion Ratio Lower Upper

202 100

101 15.4 18.2 27.4#

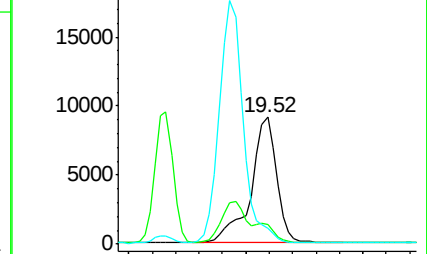
100 12.8 15.6 23.4#



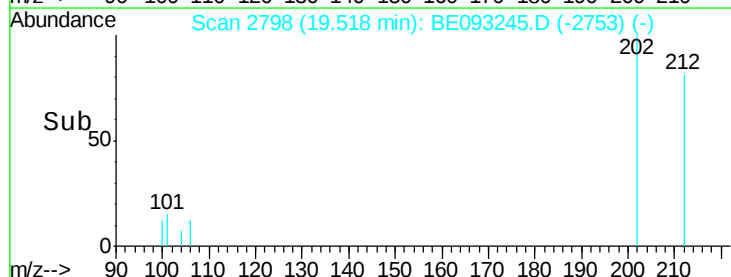
Abundance Ion 202.00 (201.70 to 202.70): E

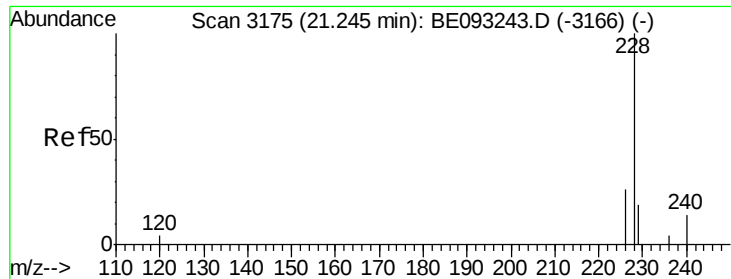
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->





#18

Benzo(a)anthracene

Concen: 0.069 ng/ul

RT: 21.24 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Instrument :

BNA_E

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F5A73

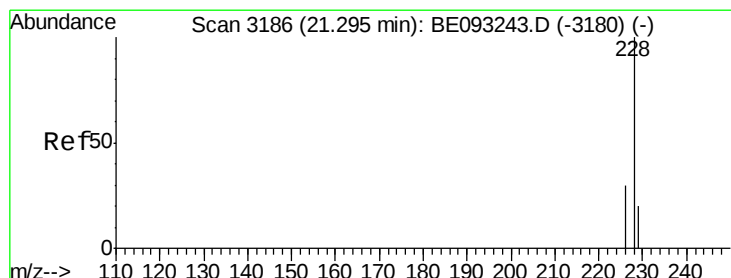
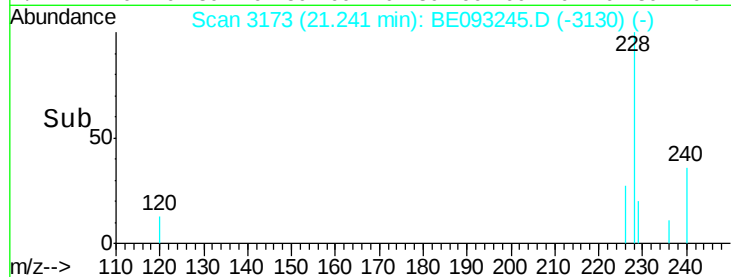
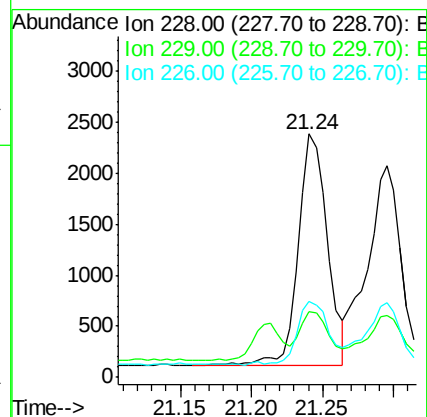
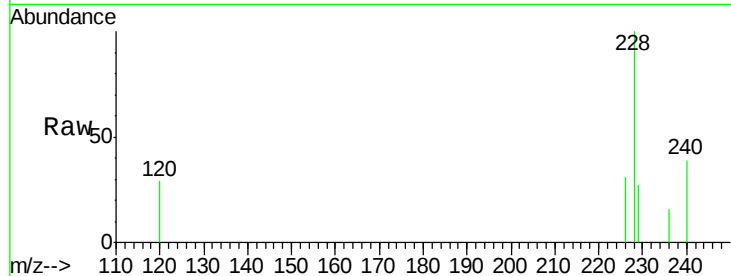
Tgt Ion:228 Resp: 3187

Ion Ratio Lower Upper

228 100

229 26.8 22.8 34.2

226 30.9 17.0 25.6#



#19

Chrysene

Concen: 0.067 ng/ul

RT: 21.30 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093245.D

Acq: 19 Jun 2017 11:44

Tgt Ion:228 Resp: 3226

Ion Ratio Lower Upper

228 100

226 35.5 23.4 35.0#

229 29.3 17.7 26.5#

