

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
 Data File : BE093300.D
 Acq On : 21 Jun 2017 2:32
 Operator : SJ/JU
 Sample : I3599-19DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C96DL

Quant Time: Jun 21 04:29:39 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 03:23:49 2017
 Response via : Initial Calibration

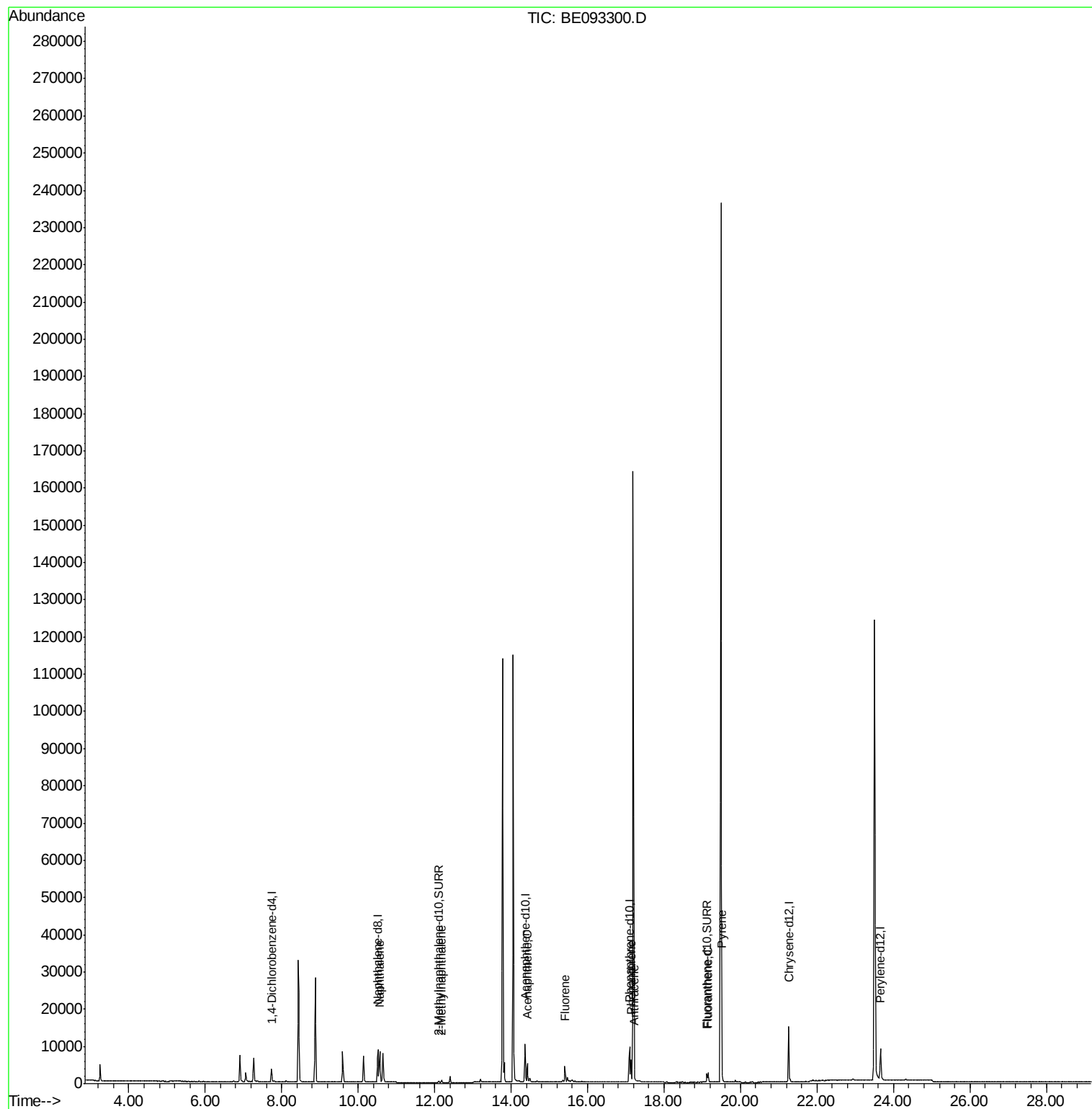
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1687	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9033	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5453	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13783	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13362	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	12635	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	862	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	2350	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	12042	0.537	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	604	0.039	ng/ul	98
8) Acenaphthene	14.42	153	2639	0.140	ng/ul	97
9) Fluorene	15.42	166	2684	0.121	ng/ul	95
12) Phenanthrene	17.14	178	6555	0.173	ng/ul#	91
13) Anthracene	17.22	178	869	0.026	ng/ul#	87
15) Fluoranthene	19.15	202	2788	0.060	ng/ul	86
17) Pyrene	19.51	202	2425	0.062	ng/ul	93

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

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#3

Naphthalene

Concen: 0.537 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093300.D

Acq: 21 Jun 2017 2:32

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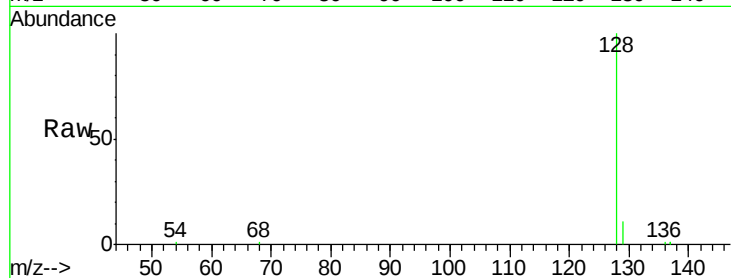
Tgt Ion:128 Resp: 12042

Ion Ratio Lower Upper

128 100

129 11.2 11.3 16.9#

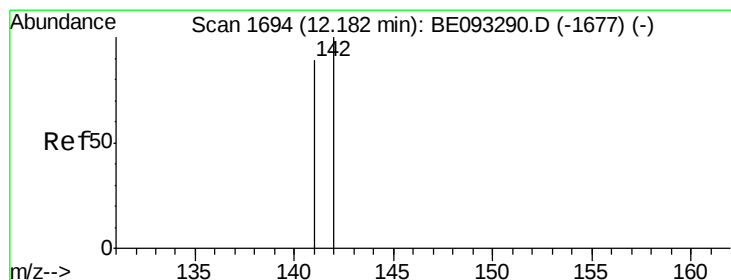
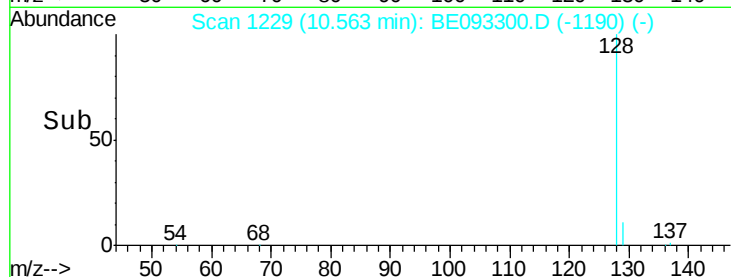
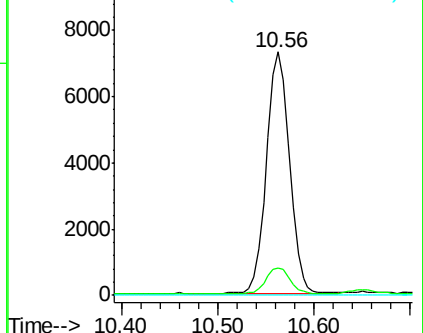
127 0.0 4.0 6.0#



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: 0.039 ng/ul

RT: 12.18 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BE093300.D

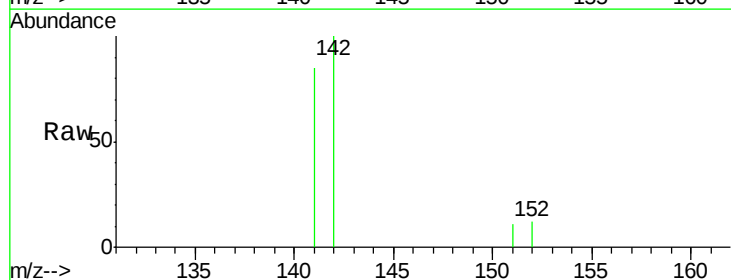
Acq: 21 Jun 2017 2:32

Tgt Ion:142 Resp: 604

Ion Ratio Lower Upper

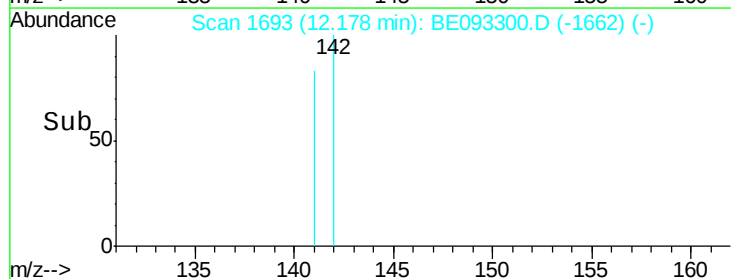
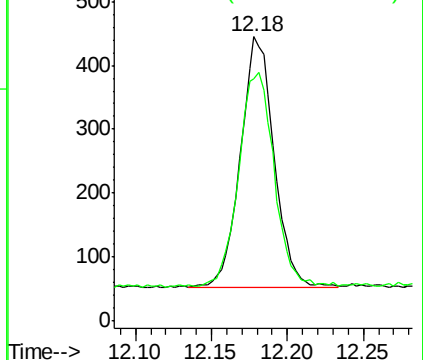
142 100

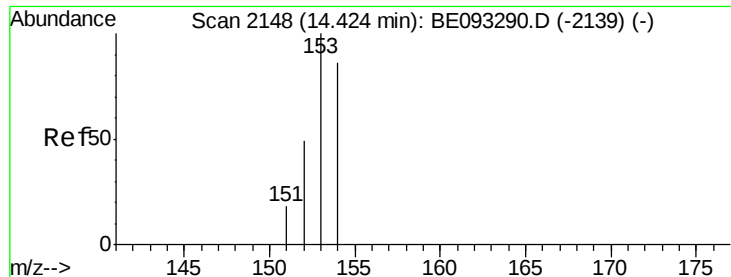
141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.140 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE093300.D

Acq: 21 Jun 2017 2:32

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ClientSampleId :

F5C96DL

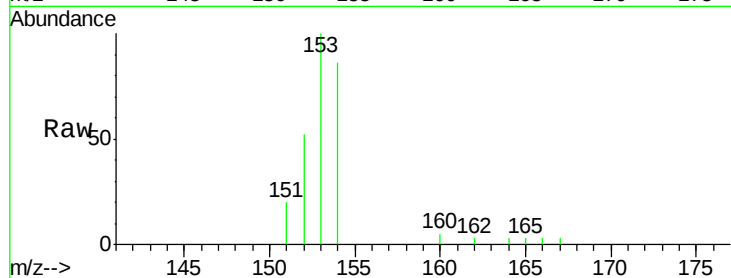
Tgt Ion:153 Resp: 2639

Ion Ratio Lower Upper

153 100

152 52.1 40.3 60.5

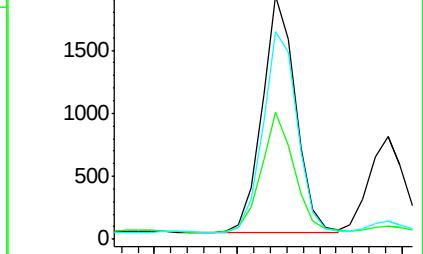
154 85.6 71.4 107.2



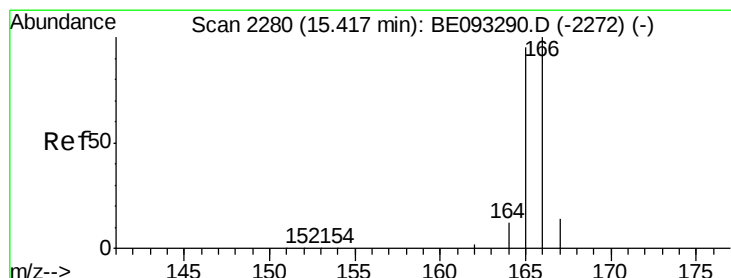
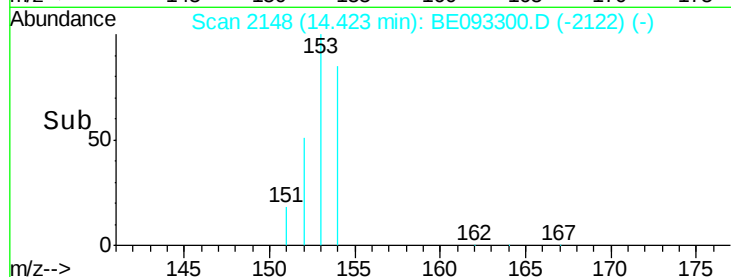
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.121 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093300.D

Acq: 21 Jun 2017 2:32

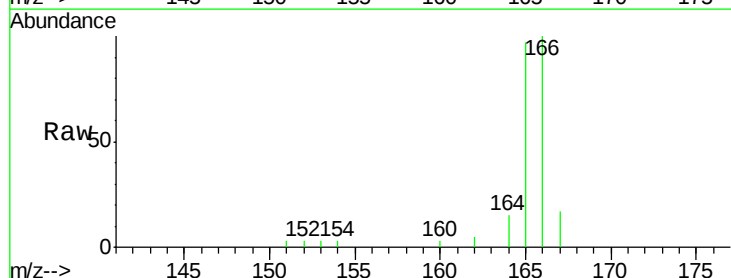
Tgt Ion:166 Resp: 2684

Ion Ratio Lower Upper

166 100

165 96.9 73.4 110.2

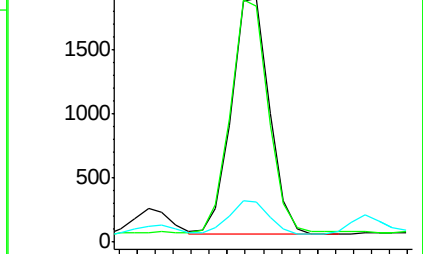
167 16.6 14.6 22.0



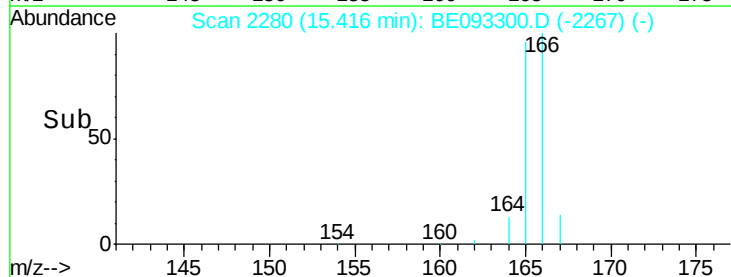
Abundance Ion 166.00 (165.70 to 166.70): E

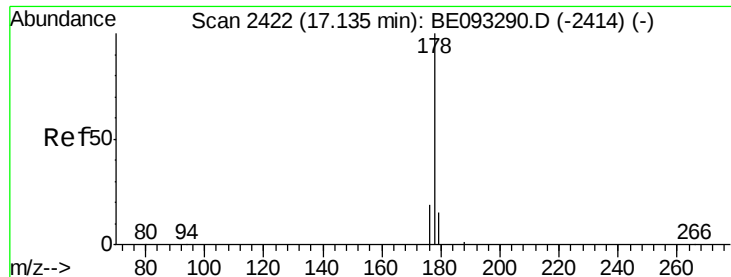
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 0.173 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093300.D

Acq: 21 Jun 2017 2:32

Instrument :

BNA_E

ClientSampleId :

F5C96DL

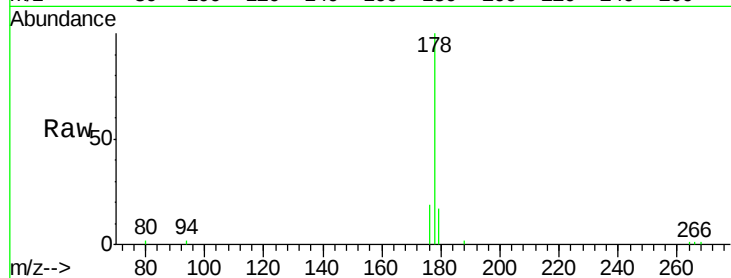
Tgt Ion:178 Resp: 6555

Ion Ratio Lower Upper

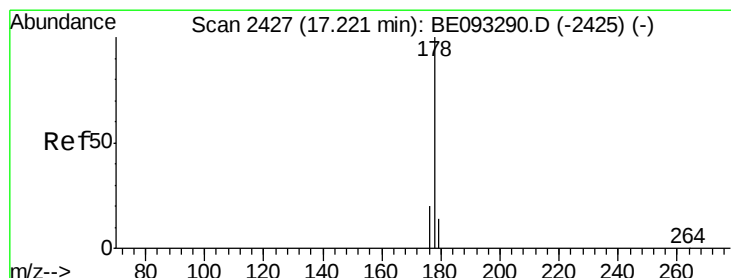
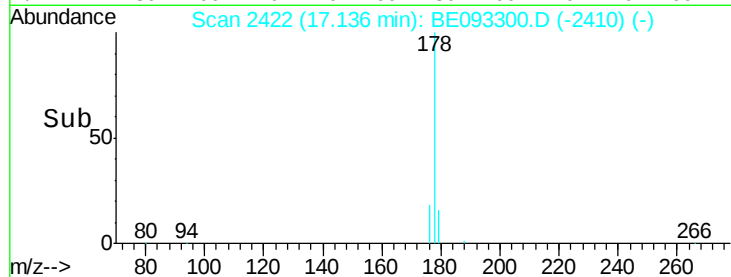
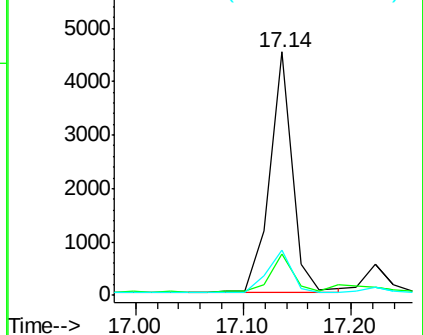
178 100

179 16.9 18.4 27.6#

176 18.7 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: 0.026 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093300.D

Acq: 21 Jun 2017 2:32

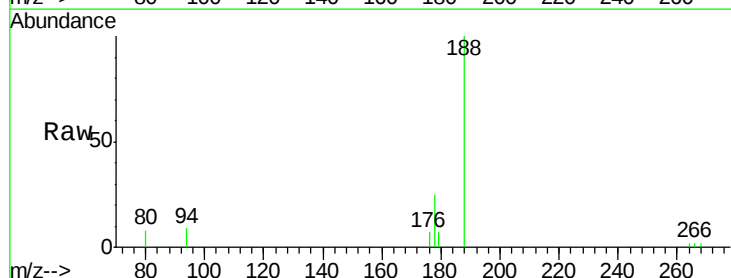
Tgt Ion:178 Resp: 869

Ion Ratio Lower Upper

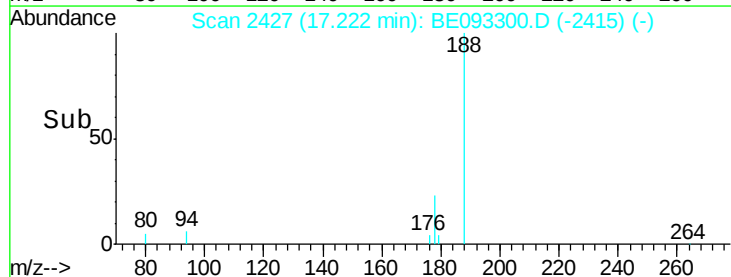
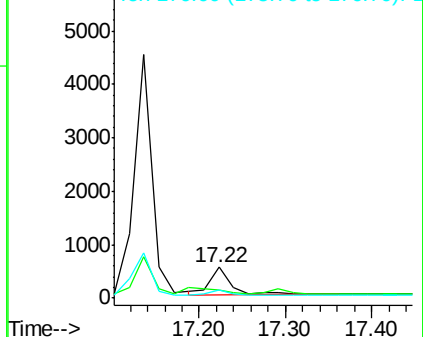
178 100

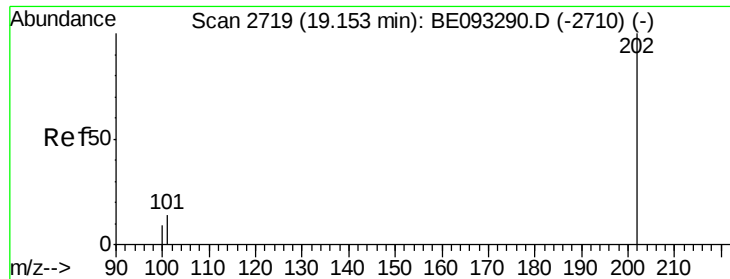
179 26.6 18.1 27.1

176 26.3 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: 0.060 ng/ul

RT: 19.15 min Scan# 2718

Delta R.T. -0.00 min

Lab File: BE093300.D

Acq: 21 Jun 2017 2:32

Instrument :

BNA_E

ClientSampleId :

F5C96DL

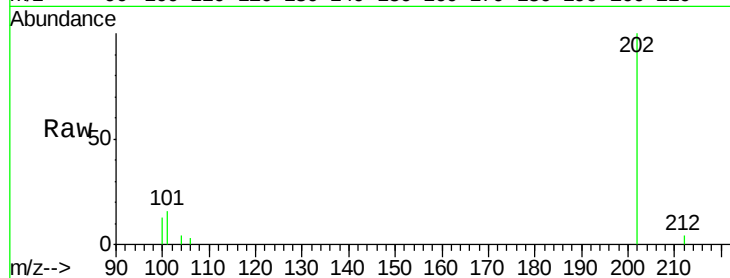
Tgt Ion:202 Resp: 2788

Ion Ratio Lower Upper

202 100

101 15.7 0.0 30.3

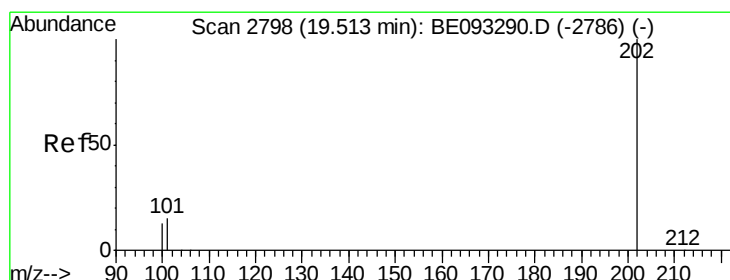
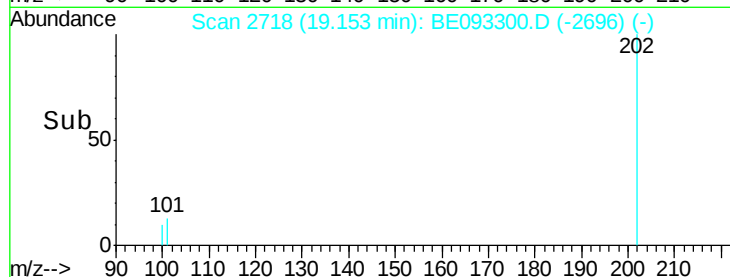
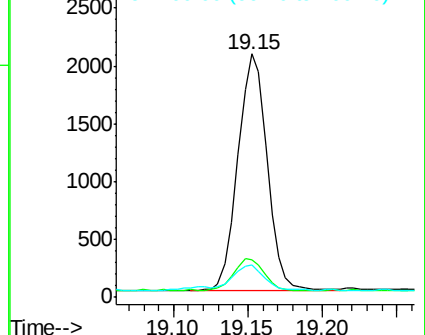
100 13.1 0.0 39.5



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: 0.062 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BE093300.D

Acq: 21 Jun 2017 2:32

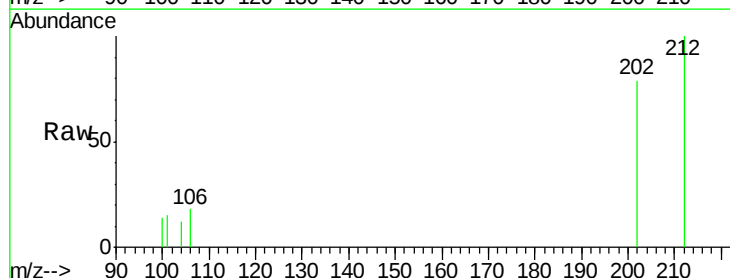
Tgt Ion:202 Resp: 2425

Ion Ratio Lower Upper

202 100

101 18.4 18.2 27.4

100 17.6 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

