

Data File : BE093298.D
Acq On : 21 Jun 2017 1:20
Operator : SJ/JU
Sample : I3627-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A99

Quant Time: Jun 21 03:25:04 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : 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	1717	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8955	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5706	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13645	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13501	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	715995	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3526	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	10367	0.28	ng/ul	0.00

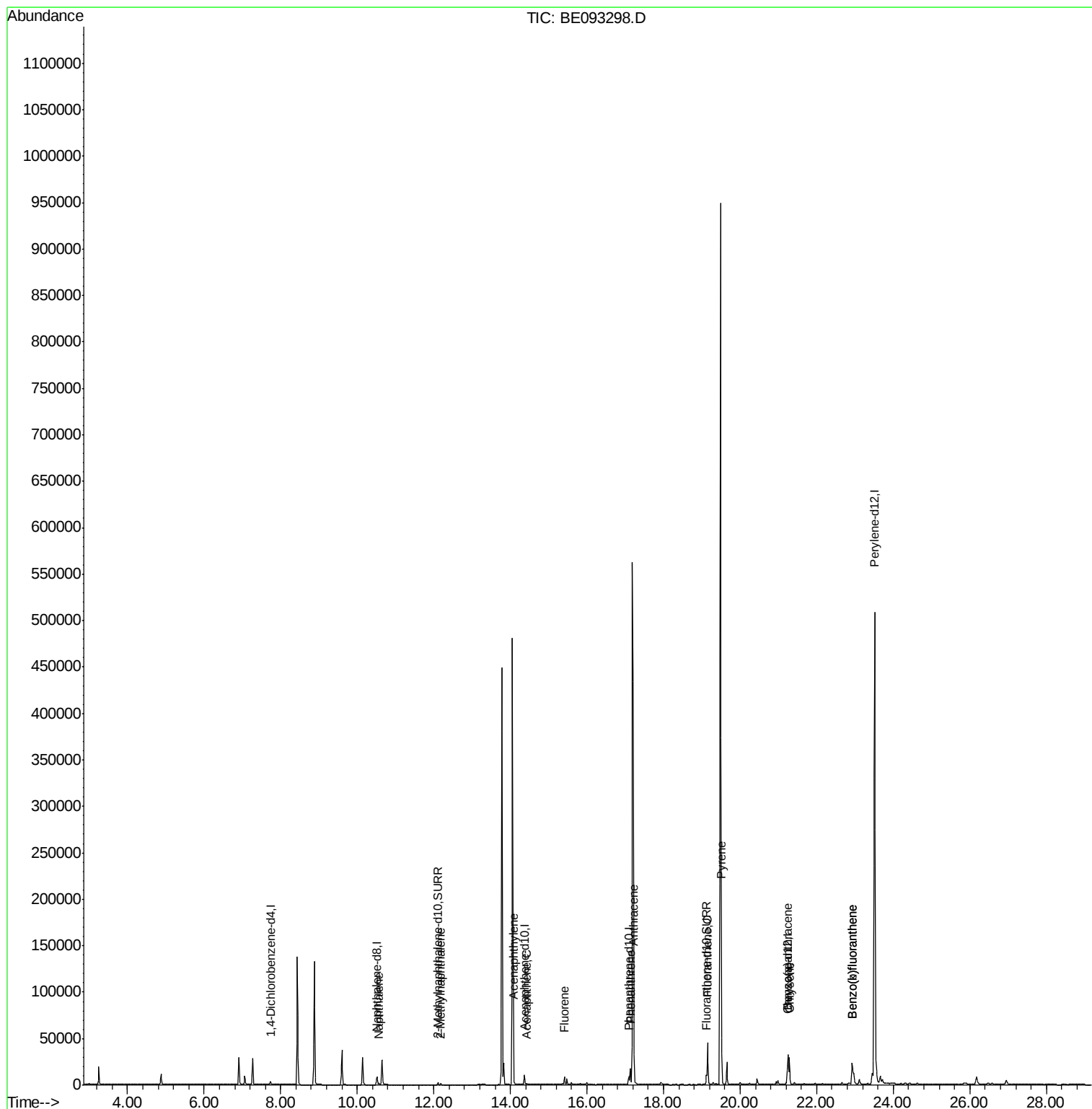
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	2535	0.11	ng/ul#	96
5) 2-Methylnaphthalene	12.18	142	1306	0.09	ng/ul	99
7) Acenaphthylene	14.09	152	6201	0.25	ng/ul	98
8) Acenaphthene	14.42	153	708	0.04	ng/ul	96
9) Fluorene	15.42	166	4883	0.21	ng/ul	95
12) Phenanthrene	17.14	178	17760	0.47	ng/ul#	89
13) Anthracene	17.22	178	99648	3.05	ng/ul#	89
15) Fluoranthene	19.15	202	48261	1.05	ng/ul	84
17) Pyrene	19.51	202	50280	1.26	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	26380	0.73	ng/ul#	85
19) Chrysene	21.29	228	30348	0.81	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	38179	0.02	ng/ul	89
22) Benzo(k)fluoranthene	22.93	252	51963	0.02	ng/ul#	91

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

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#3

Naphthalene

Concen: 0.11 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

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Acq: 21 Jun 2017 1:20

Instrument :

BNA_E

ClientSampleId :

F5A99

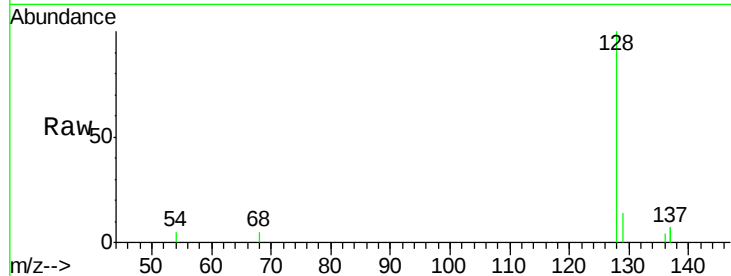
Tgt Ion:128 Resp: 2535

Ion Ratio Lower Upper

128 100

129 14.3 11.3 16.9

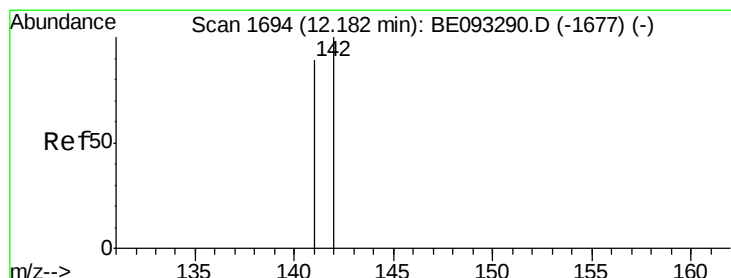
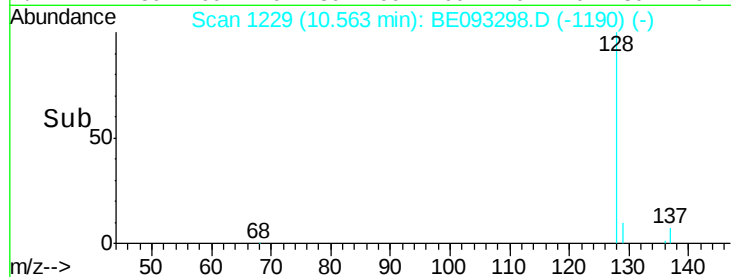
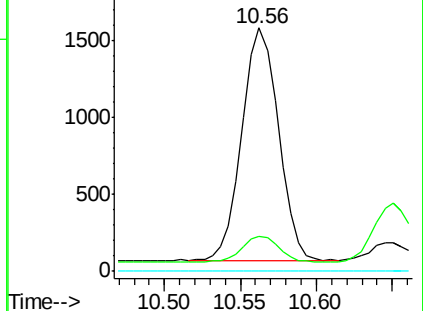
127 0.0 4.0 6.0#



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: 0.09 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093298.D

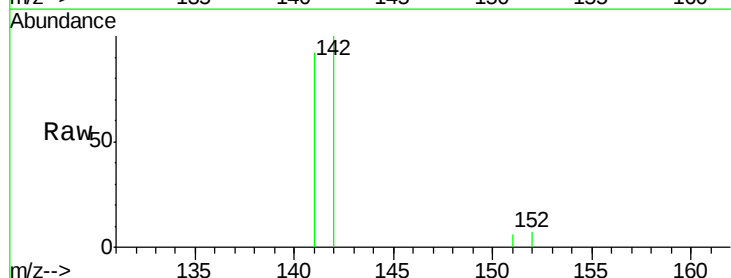
Acq: 21 Jun 2017 1:20

Tgt Ion:142 Resp: 1306

Ion Ratio Lower Upper

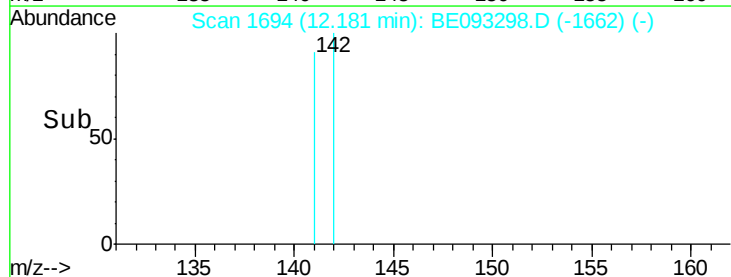
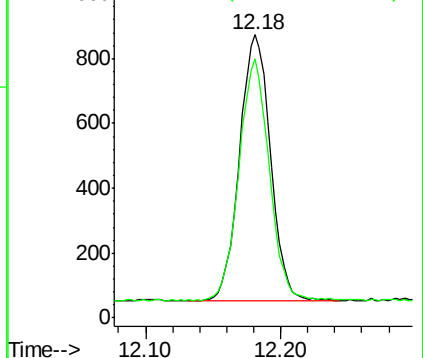
142 100

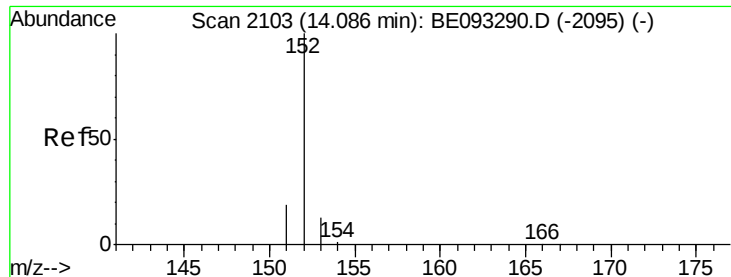
141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.25 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Instrument :

BNA_E

ClientSampleId :

F5A99

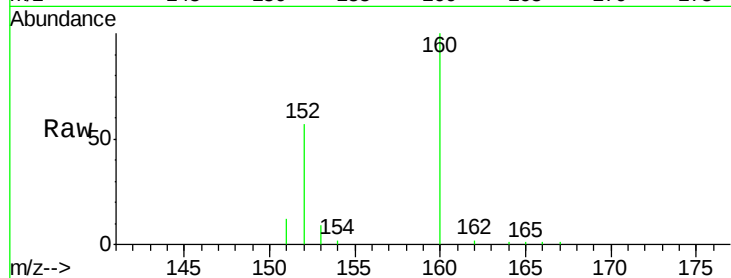
Tgt Ion:152 Resp: 6201

Ion Ratio Lower Upper

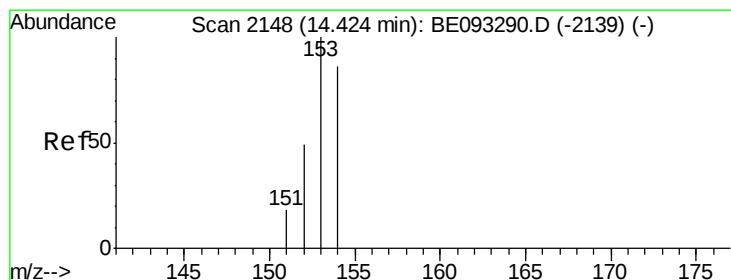
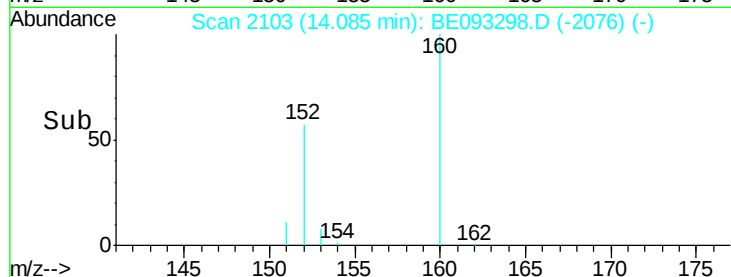
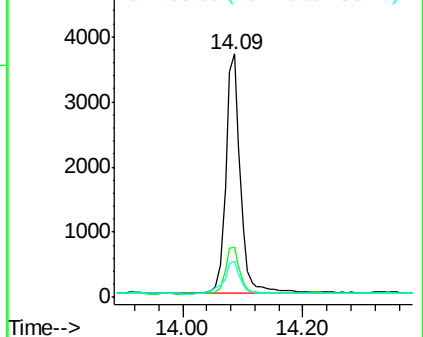
152 100

151 20.7 17.1 25.7

153 14.9 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



#8

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

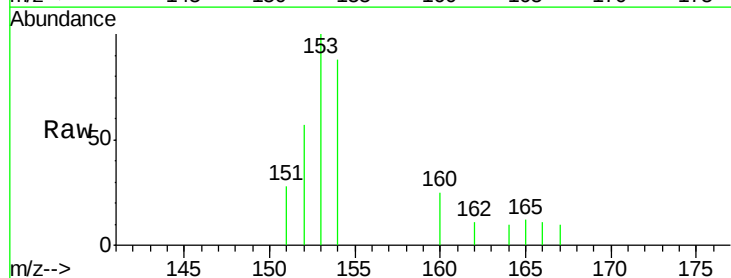
Tgt Ion:153 Resp: 708

Ion Ratio Lower Upper

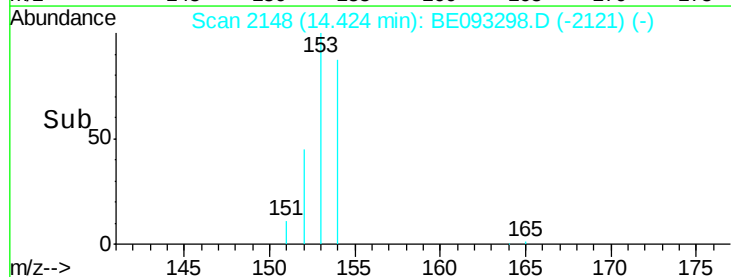
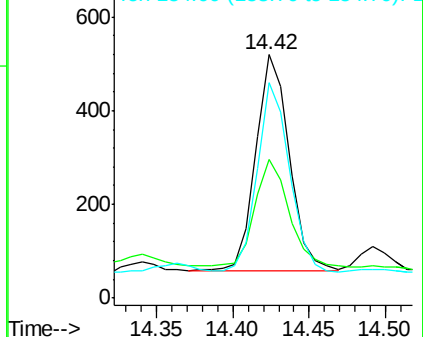
153 100

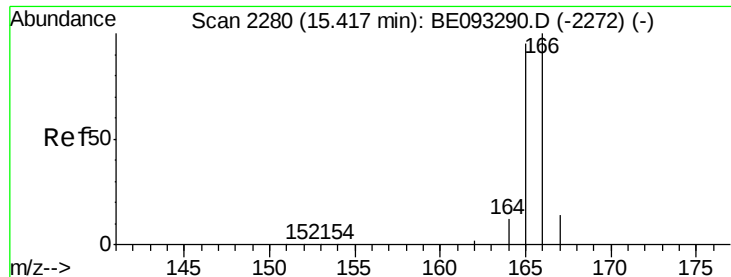
152 56.9 40.3 60.5

154 88.5 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





#9

Fluorene

Concen: 0.21 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Instrument :

BNA_E

ClientSampleId :

F5A99

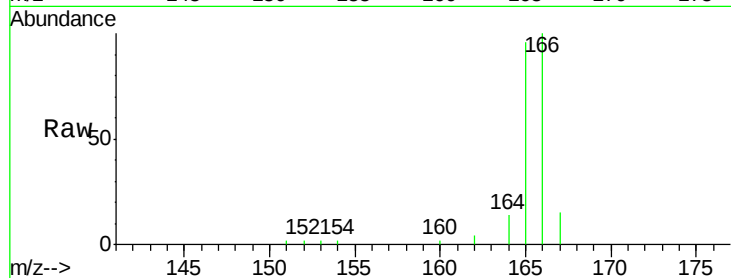
Tgt Ion:166 Resp: 4883

Ion Ratio Lower Upper

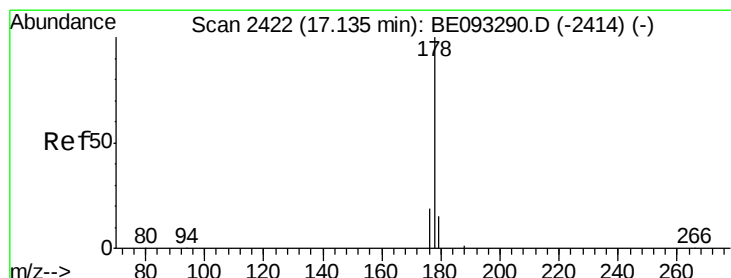
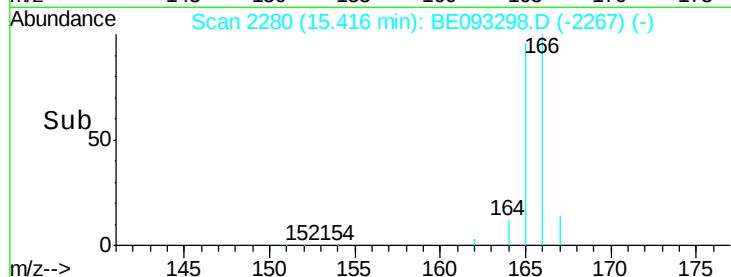
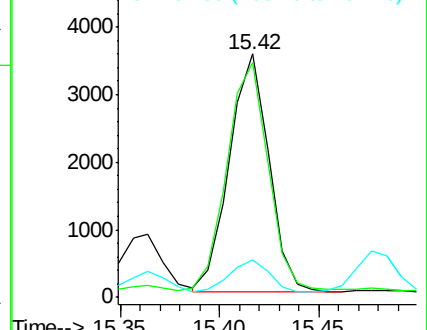
166 100

165 96.3 73.4 110.2

167 15.4 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



#12

Phenanthrene

Concen: 0.47 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

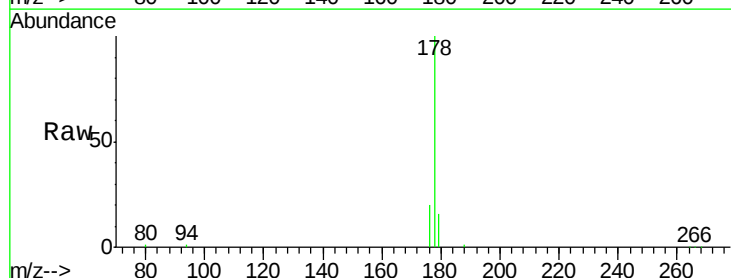
Tgt Ion:178 Resp: 17760

Ion Ratio Lower Upper

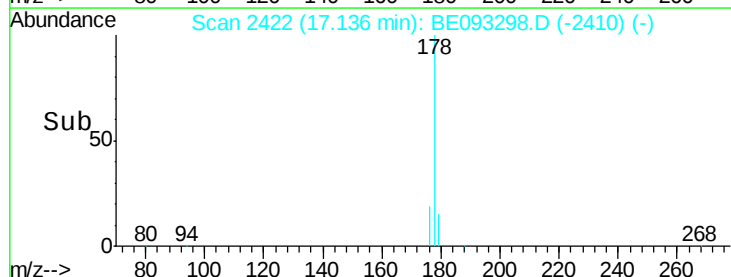
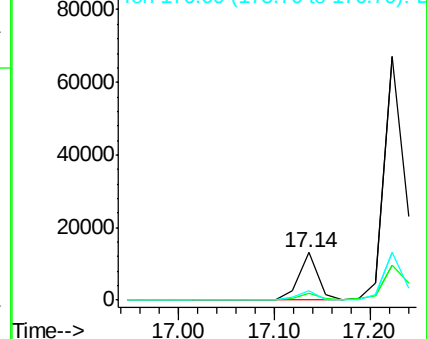
178 100

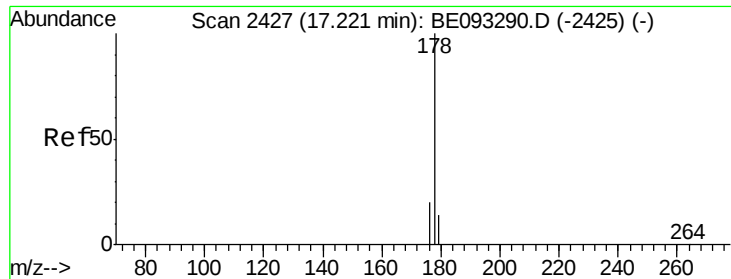
179 15.7 18.4 27.6#

176 19.5 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: 3.05 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Instrument :

BNA_E

ClientSampleId :

F5A99

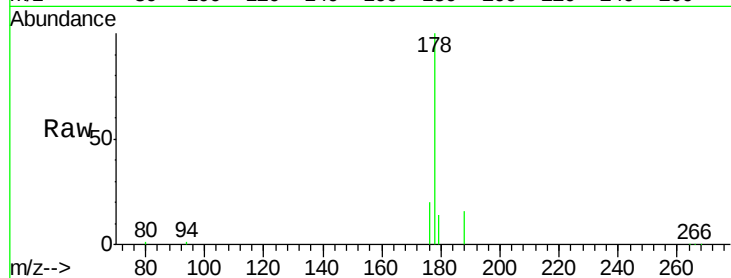
Tgt Ion:178 Resp: 99648

Ion Ratio Lower Upper

178 100

179 14.3 18.1 27.1#

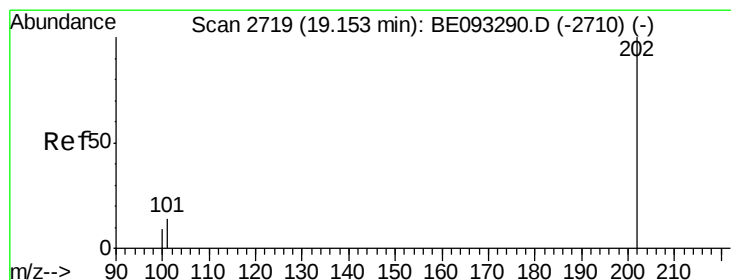
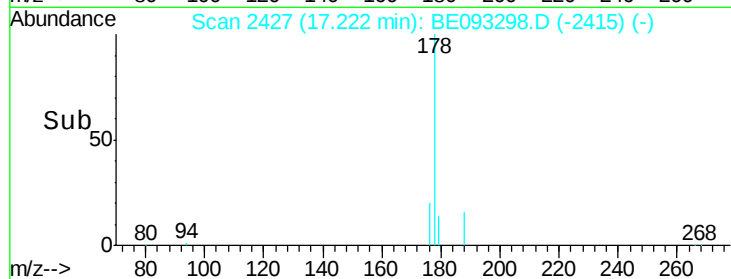
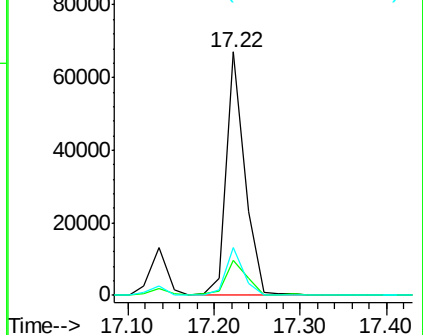
176 19.8 14.7 22.1



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: 1.05 ng/ul

RT: 19.15 min Scan# 2718

Delta R.T. -0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

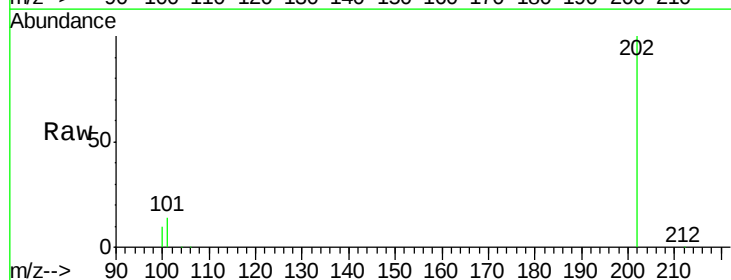
Tgt Ion:202 Resp: 48261

Ion Ratio Lower Upper

202 100

101 13.8 0.0 30.3

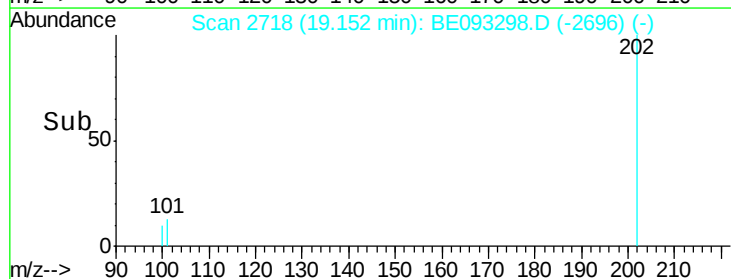
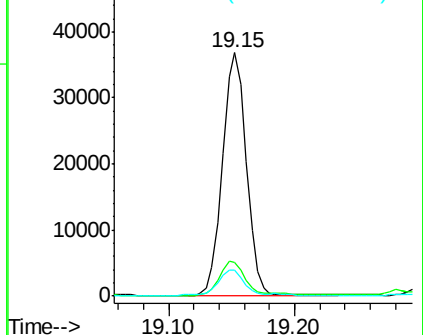
100 10.4 0.0 39.5

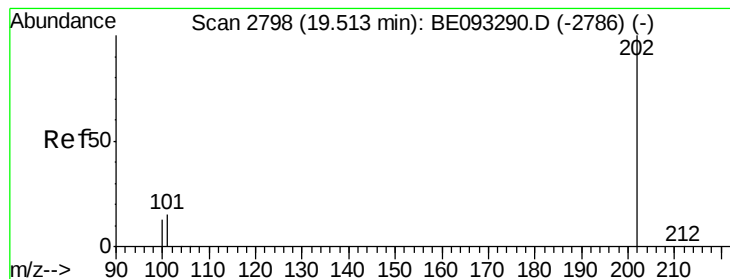


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#17

Pyrene

Concen: 1.26 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Instrument :

BNA_E

ClientSampleId :

F5A99

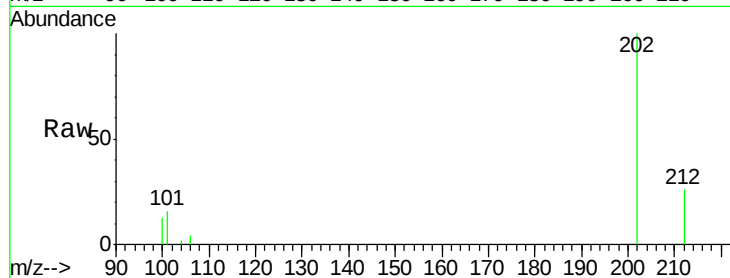
Tgt Ion:202 Resp: 50280

Ion Ratio Lower Upper

202 100

101 16.3 18.2 27.4#

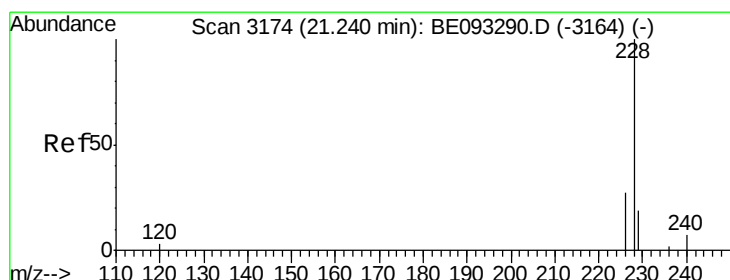
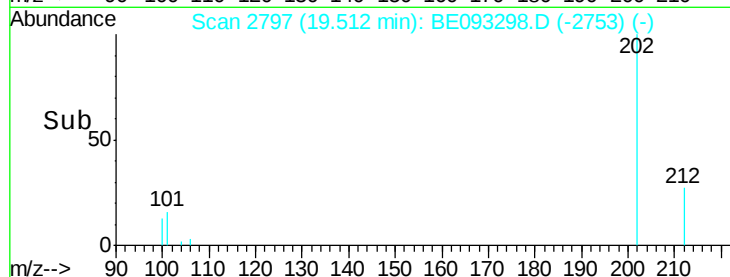
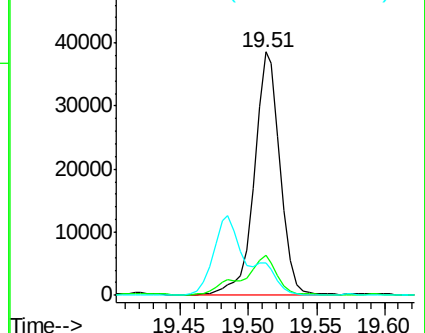
100 13.4 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 0.73 ng/ul

RT: 21.24 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

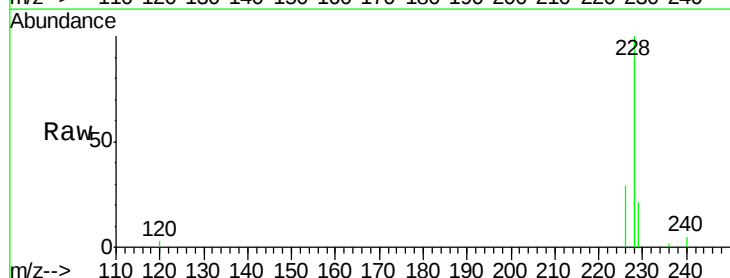
Tgt Ion:228 Resp: 26380

Ion Ratio Lower Upper

228 100

229 20.9 22.8 34.2#

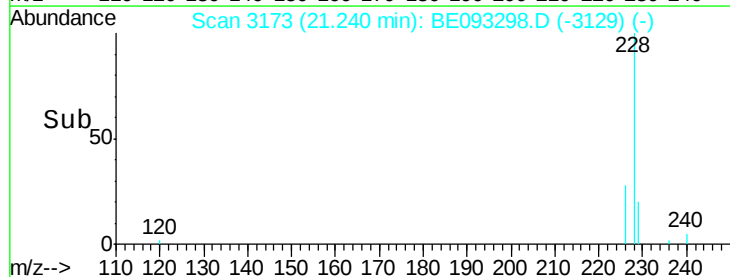
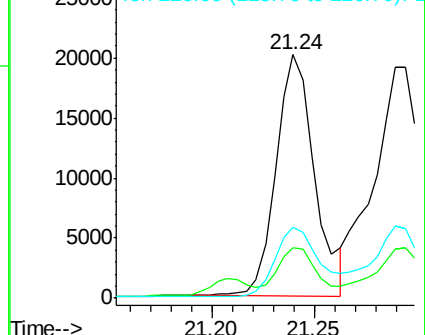
226 29.0 17.0 25.6#

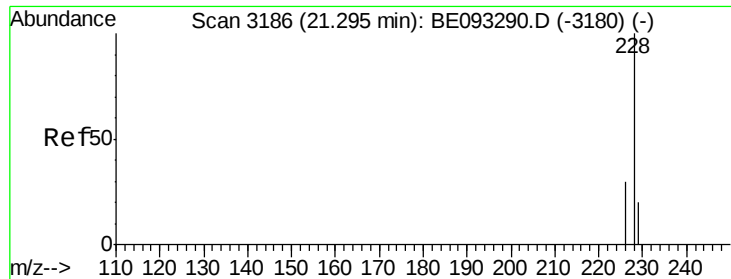


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.81 ng/ul

RT: 21.29 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BE093298.D

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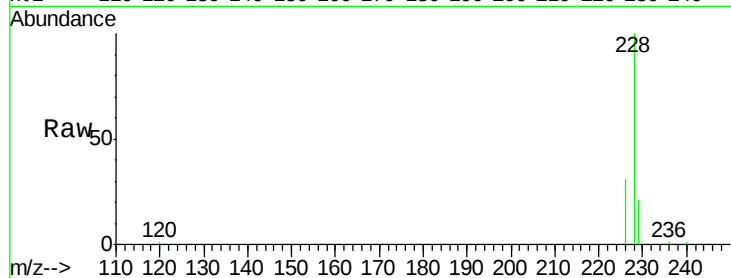
Tgt Ion:228 Resp: 30348

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.0

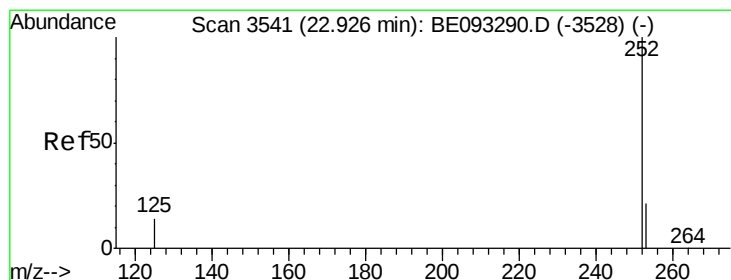
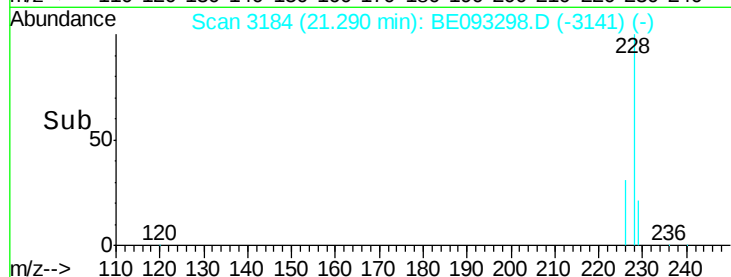
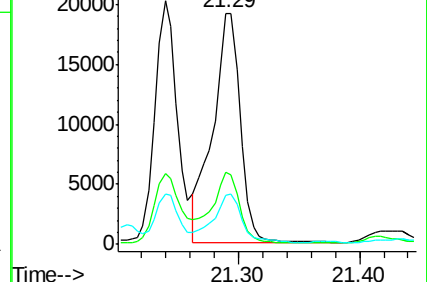
229 21.5 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

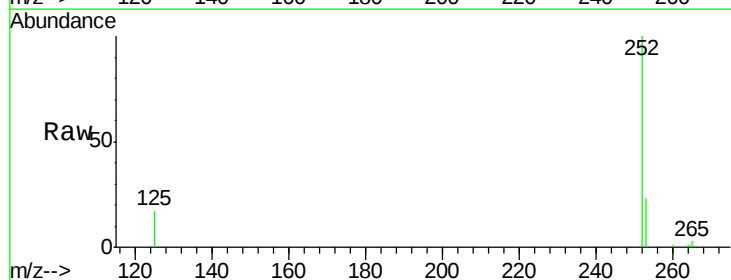
Tgt Ion:252 Resp: 38179

Ion Ratio Lower Upper

252 100

253 23.3 0.0 64.2

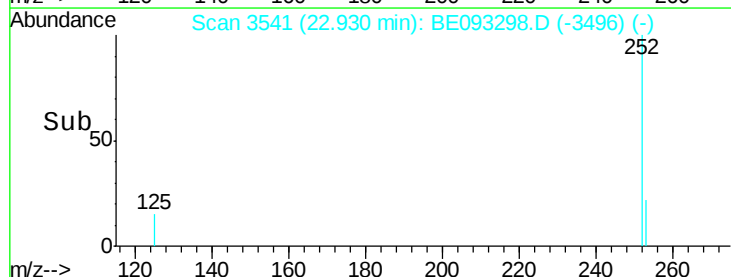
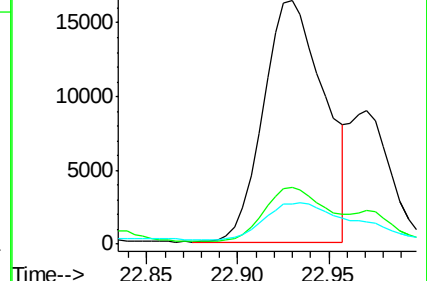
125 16.6 0.0 35.0

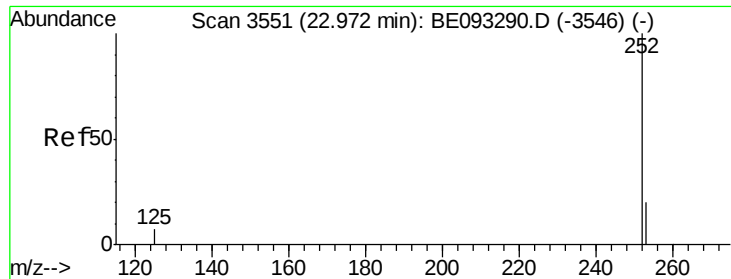


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.02 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. -0.04 min

Lab File: BE093298.D

Acq: 21 Jun 2017 1:20

Instrument :

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ClientSampleId :

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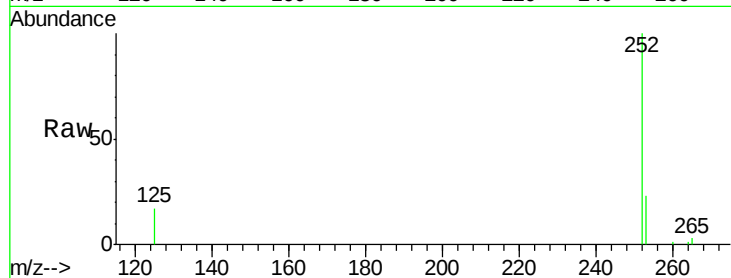
Tgt Ion: 252 Resp: 51963

Ion Ratio Lower Upper

252 100

253 23.3 24.5 36.7#

125 16.6 13.7 20.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

