

Data File : BE093282.D
Acq On : 20 Jun 2017 15:29
Operator : SJ/JU
Sample : I3625-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A86

Quant Time: Jun 21 01:50:39 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 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	1746	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8839	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5671	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	13849	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	771449	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3830	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	10716	0.00	ng/ul	0.00

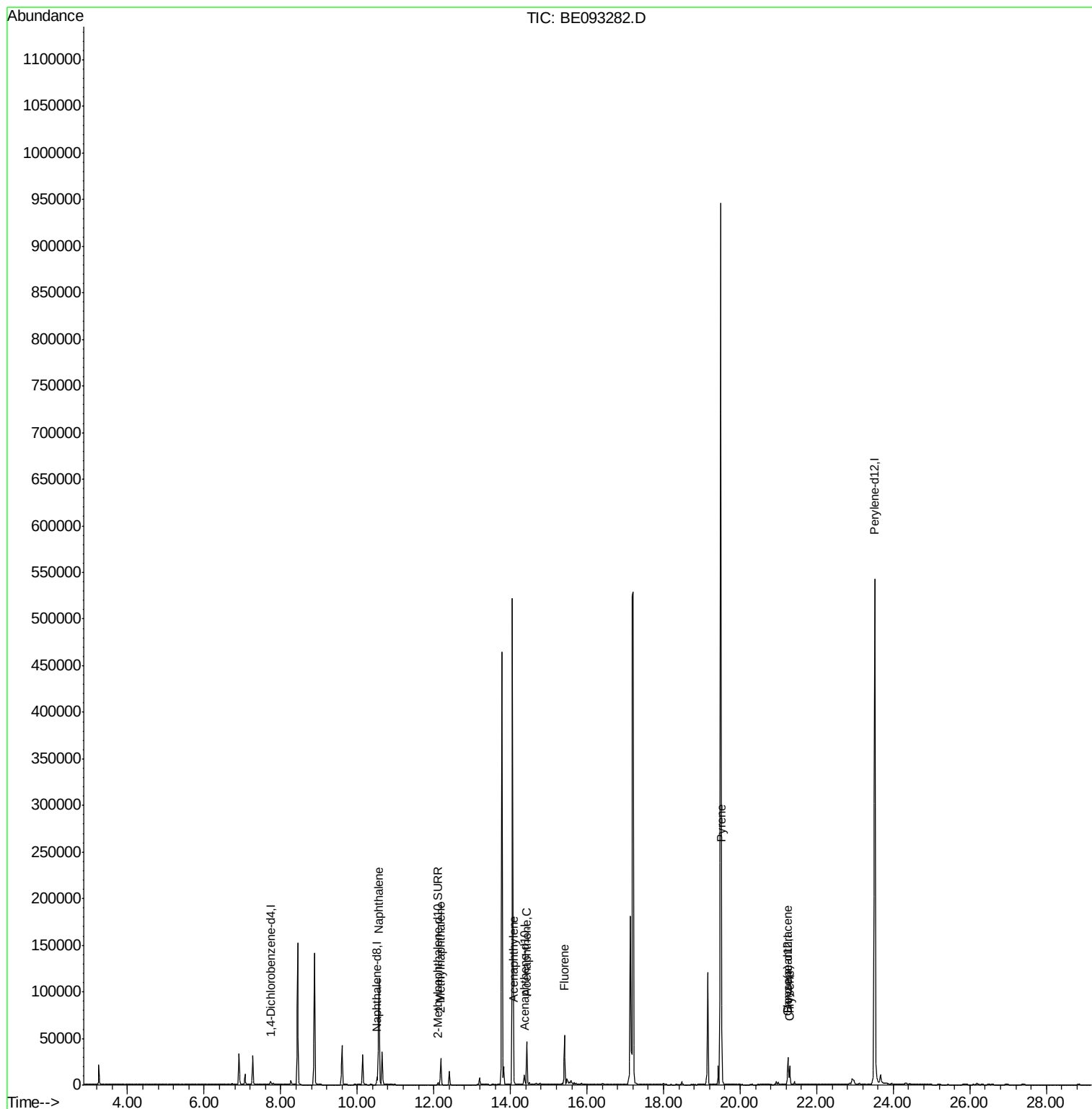
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	169792	7.74	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	23925	1.60	ng/ul	98
7) Acenaphthylene	14.09	152	2372	0.10	ng/ul#	94
8) Acenaphthene	14.42	153	26591	1.35	ng/ul	97
9) Fluorene	15.42	166	33832	1.47	ng/ul#	96
17) Pyrene	19.51	202	91673	2.24	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	23200	0.63	ng/ul#	85
19) Chrysene	21.30	228	19361	0.51	ng/ul	98

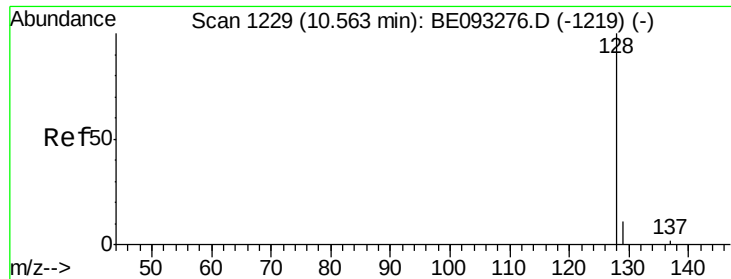
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 7.74 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

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Instrument :

BNA_E

ClientSampleId :

F5A86

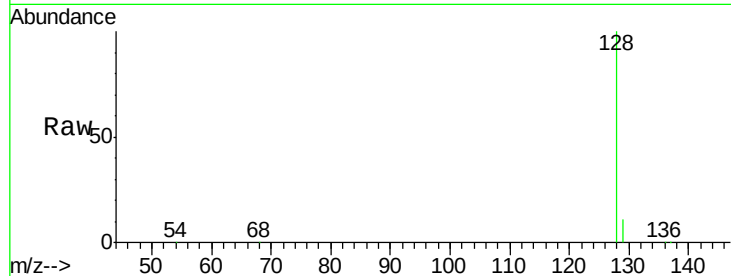
Tgt Ion:128 Resp: 169792

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

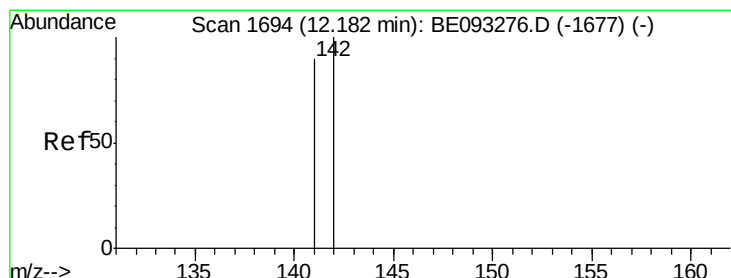
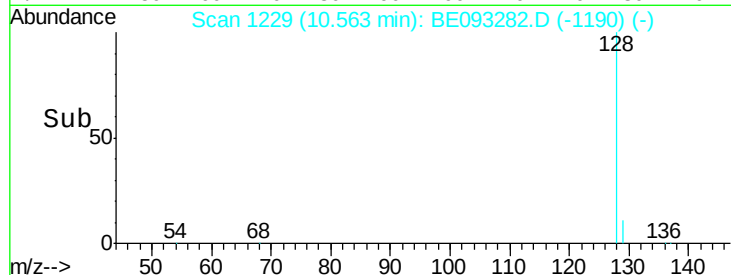
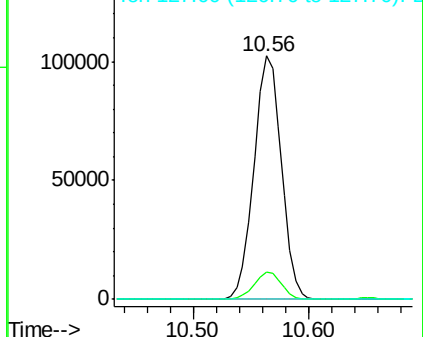
127 0.0 4.0 6.0#



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: 1.60 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. 0.00 min

Lab File: BE093282.D

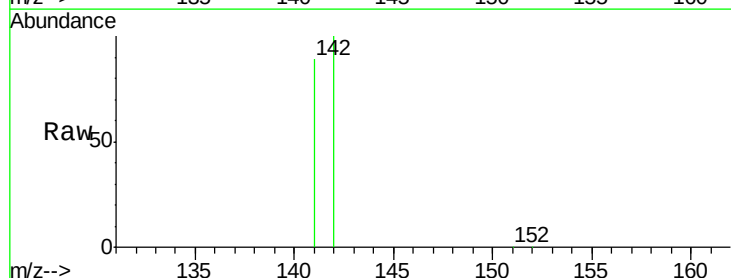
Acq: 20 Jun 2017 15:29

Tgt Ion:142 Resp: 23925

Ion Ratio Lower Upper

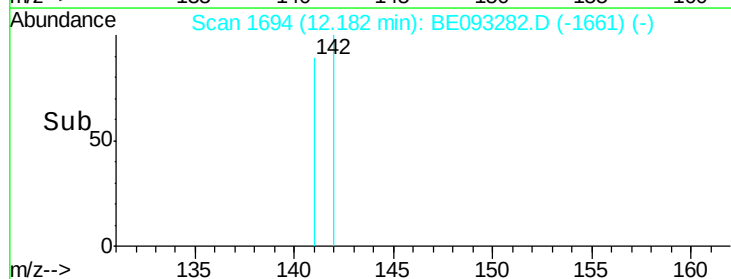
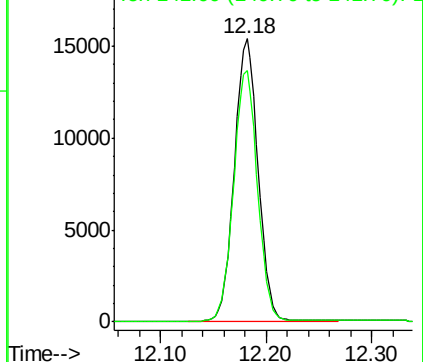
142 100

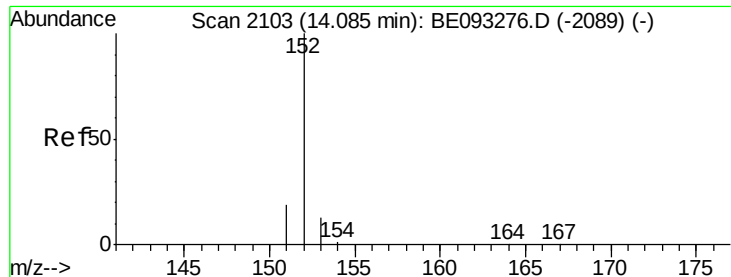
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.10 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

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Acq: 20 Jun 2017 15:29

Instrument :

BNA_E

ClientSampleId :

F5A86

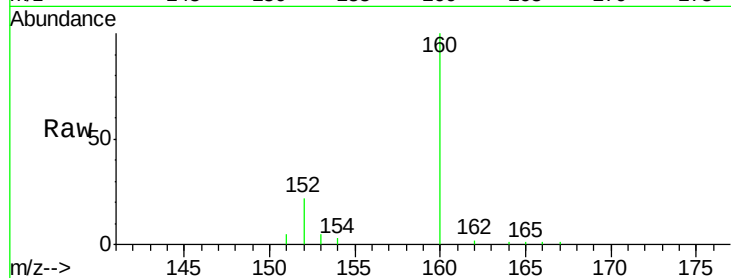
Tgt Ion:152 Resp: 2372

Ion Ratio Lower Upper

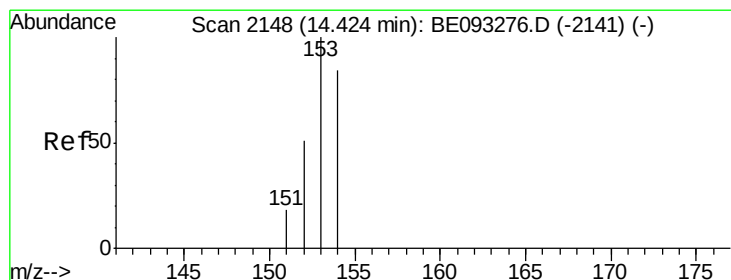
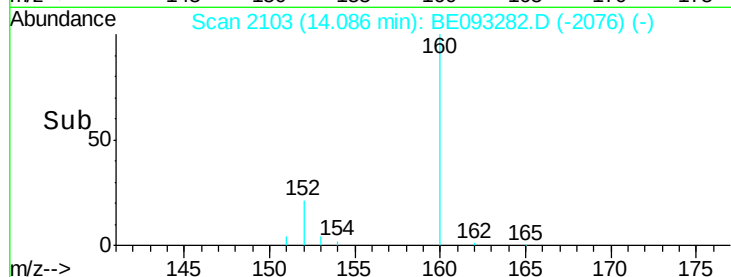
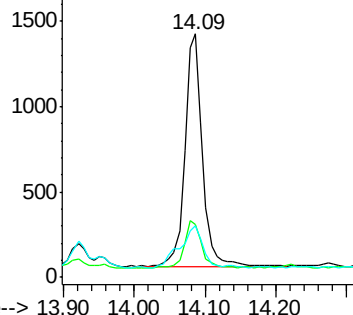
152 100

151 21.9 17.1 25.7

153 21.4 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: 1.35 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BE093282.D

Acq: 20 Jun 2017 15:29

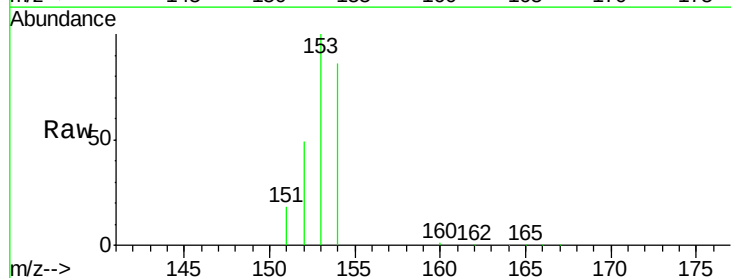
Tgt Ion:153 Resp: 26591

Ion Ratio Lower Upper

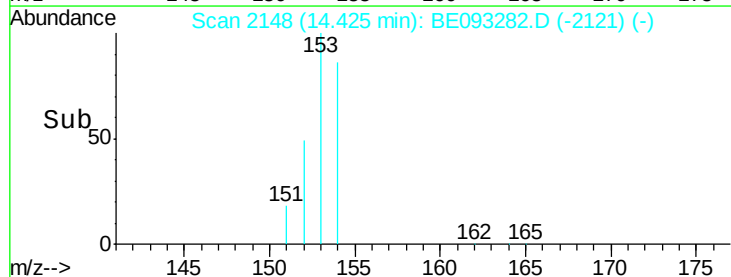
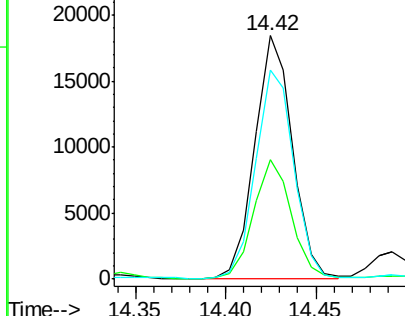
153 100

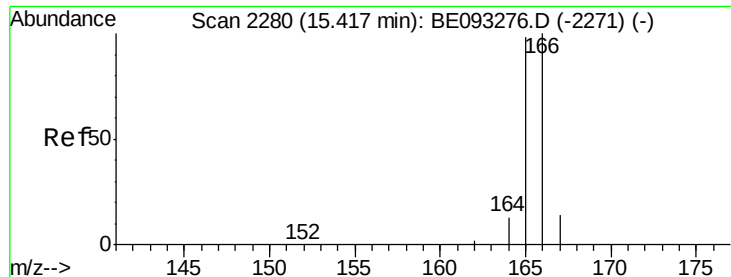
152 49.0 40.3 60.5

154 85.8 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: 1.47 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093282.D

Acq: 20 Jun 2017 15:29

Instrument :

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ClientSampleId :

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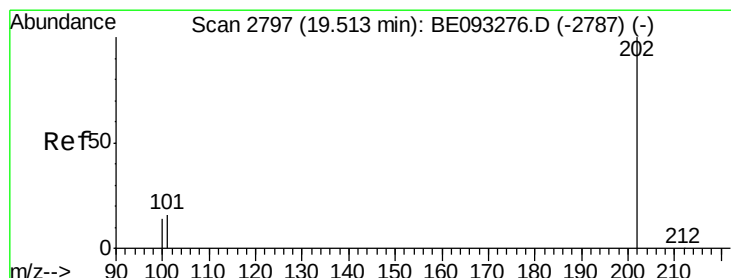
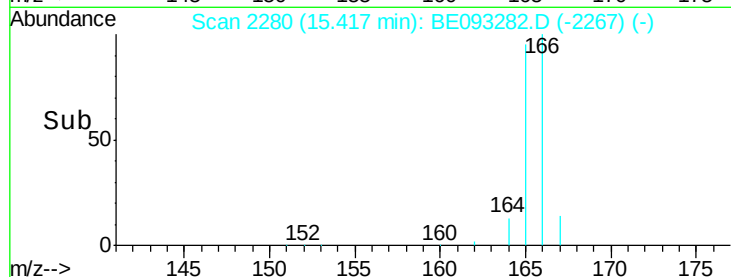
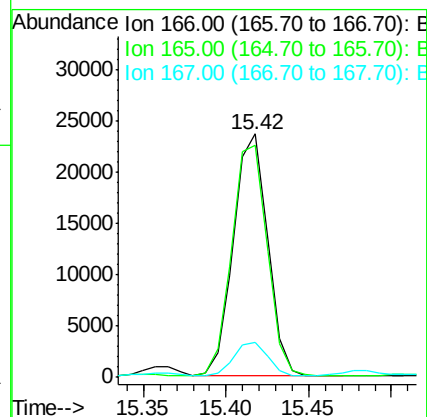
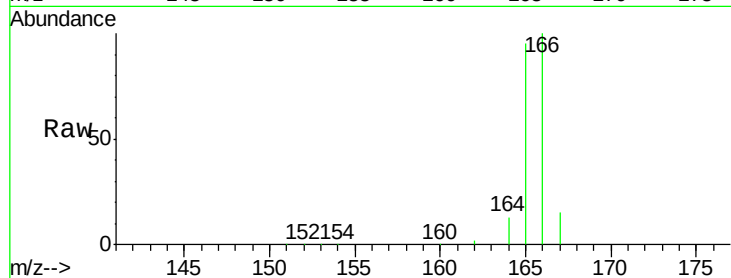
Tgt Ion:166 Resp: 33832

Ion Ratio Lower Upper

166 100

165 95.2 73.4 110.2

167 14.6 14.6 22.0#



#17

Pyrene

Concen: 2.24 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093282.D

Acq: 20 Jun 2017 15:29

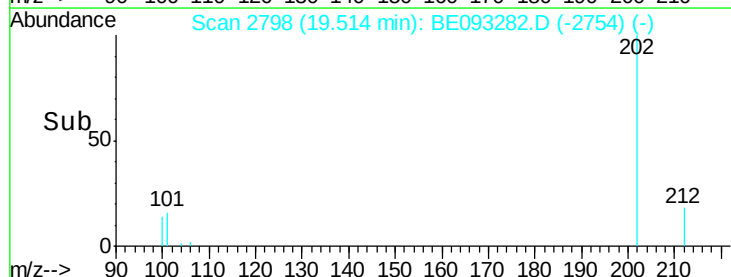
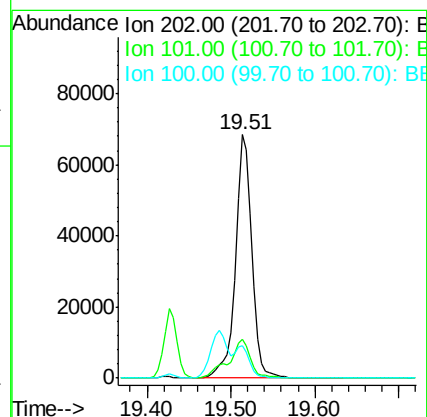
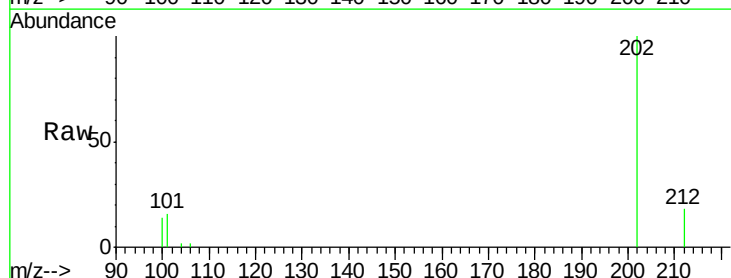
Tgt Ion:202 Resp: 91673

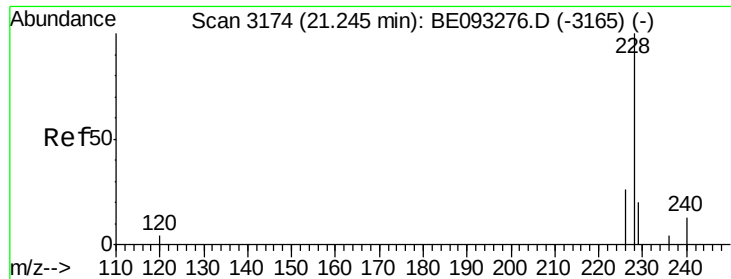
Ion Ratio Lower Upper

202 100

101 16.1 18.2 27.4#

100 13.6 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.63 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE093282.D

Acq: 20 Jun 2017 15:29

Instrument :

BNA_E

ClientSampleId :

F5A86

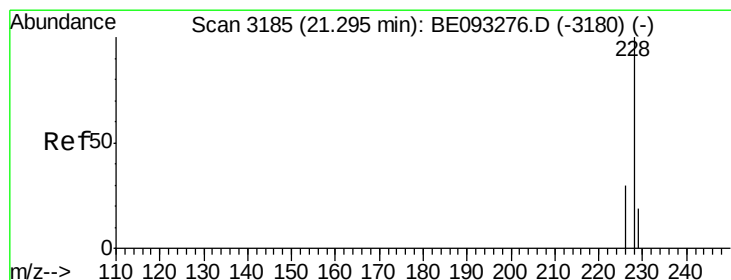
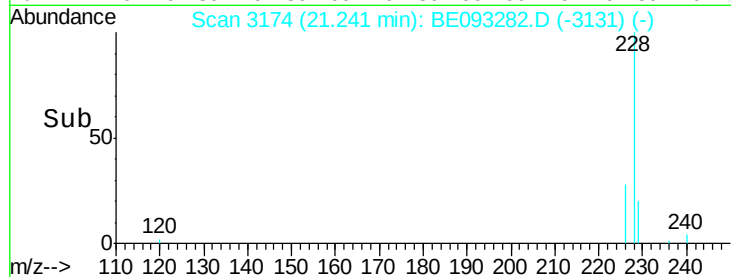
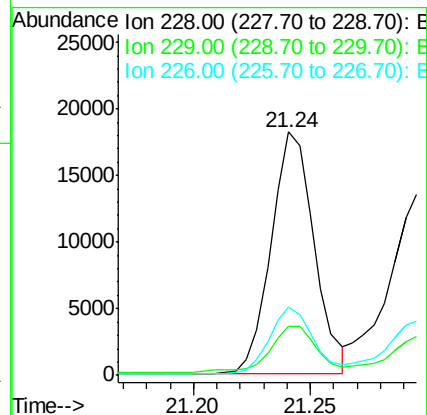
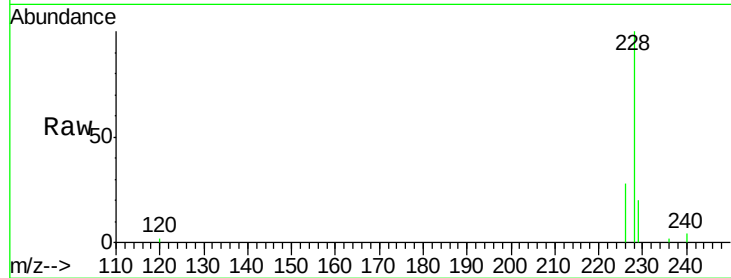
Tgt Ion:228 Resp: 23200

Ion Ratio Lower Upper

228 100

229 20.3 22.8 34.2#

226 28.3 17.0 25.6#



#19

Chrysene

Concen: 0.51 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093282.D

Acq: 20 Jun 2017 15:29

Tgt Ion:228 Resp: 19361

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

229 21.1 17.7 26.5

