

Data File : BE093283.D
Acq On : 20 Jun 2017 16:05
Operator : SJ/JU
Sample : I3625-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B07

Quant Time: Jun 21 01:50:46 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	7.73	152	1615	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8449	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5475	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	13228	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	913420	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4394	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	13155	0.00	ng/ul	0.00

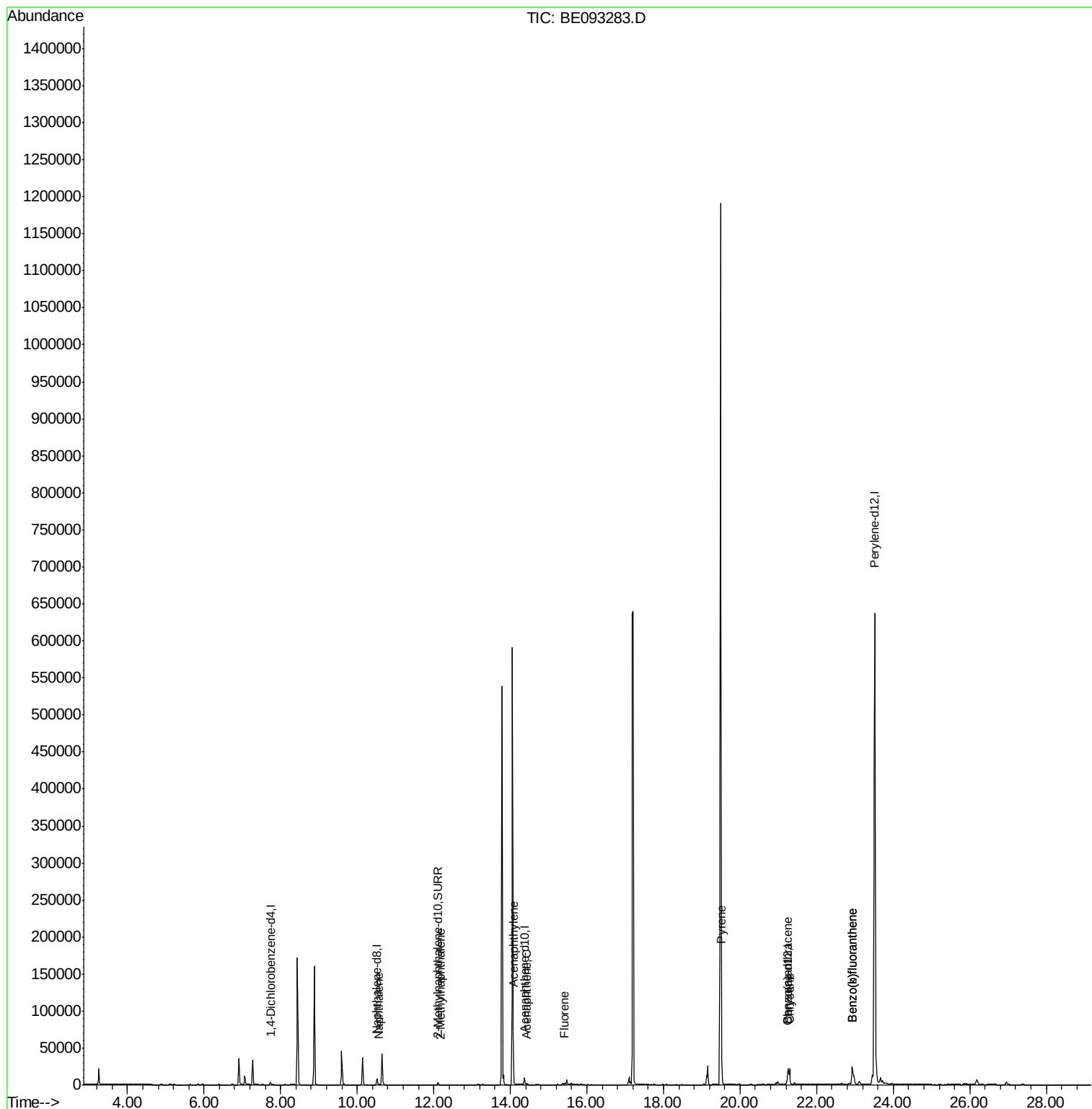
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	1678	0.08	ng/ul#	94
5) 2-Methylnaphthalene	12.18	142	399	0.03	ng/ul	98
7) Acenaphthylene	14.09	152	3266	0.14	ng/ul	99
8) Acenaphthene	14.42	153	1202	0.06	ng/ul	93
9) Fluorene	15.42	166	1360	0.06	ng/ul	95
17) Pyrene	19.52	202	39730	1.02	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	15547	0.44	ng/ul#	85
19) Chrysene	21.29	228	25911	0.71	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	40562	0.01	ng/ul	88
22) Benzo(k)fluoranthene	22.93	252	53427	0.02	ng/ul#	90

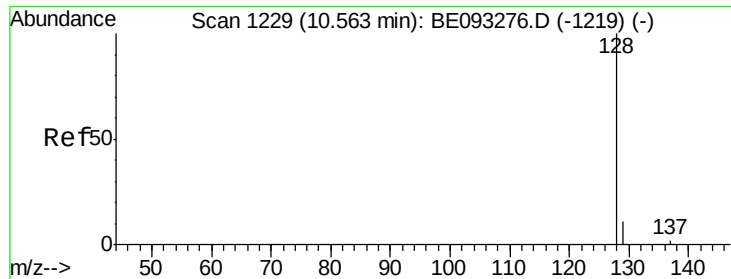
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BE093283.D
Acq On : 20 Jun 2017 16:05
Operator : SJ/JU
Sample : I3625-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B07

Quant Time: Jun 21 01:50:46 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





#3

Naphthalene

Concen: 0.08 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Instrument :

BNA_E

ClientSampled :

F5B07

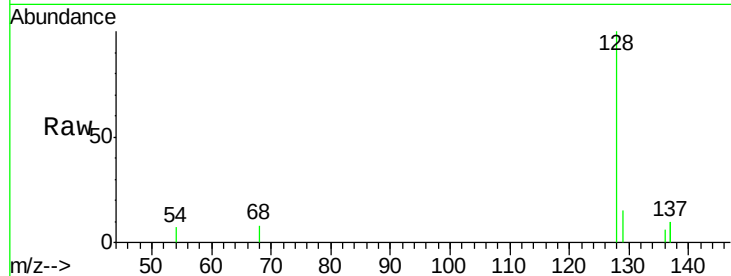
Tgt Ion:128 Resp: 1678

Ion Ratio Lower Upper

128 100

129 15.0 11.3 16.9

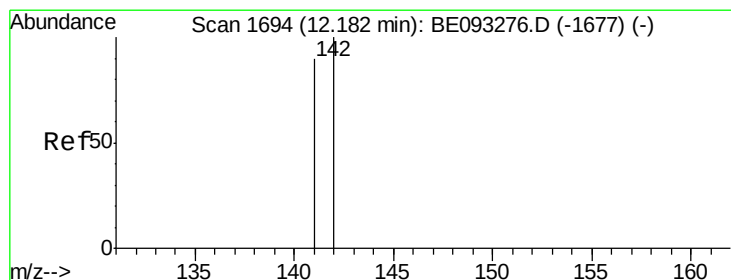
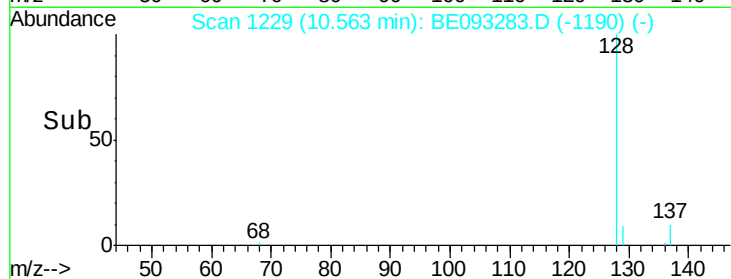
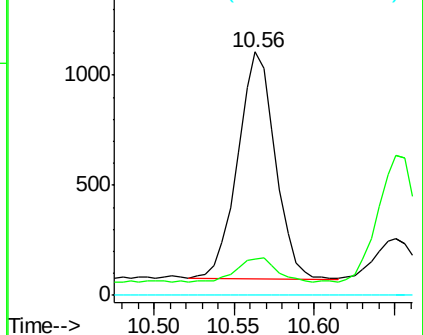
127 0.0 4.0 6.0#



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: 0.03 ng/ul

RT: 12.18 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BE093283.D

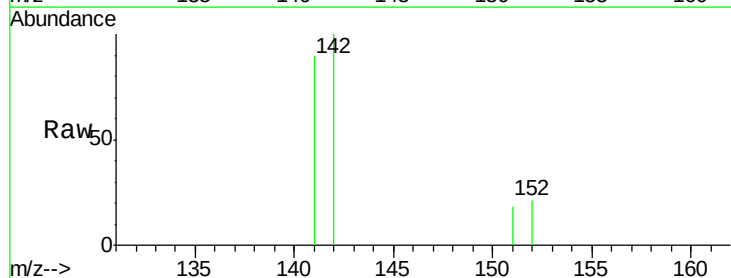
Acq: 20 Jun 2017 16:05

Tgt Ion:142 Resp: 399

Ion Ratio Lower Upper

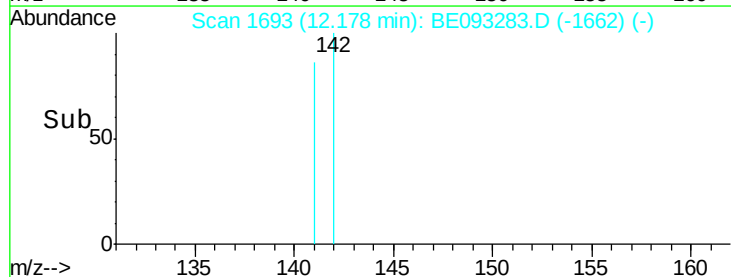
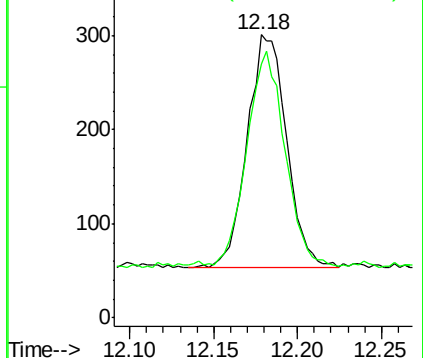
142 100

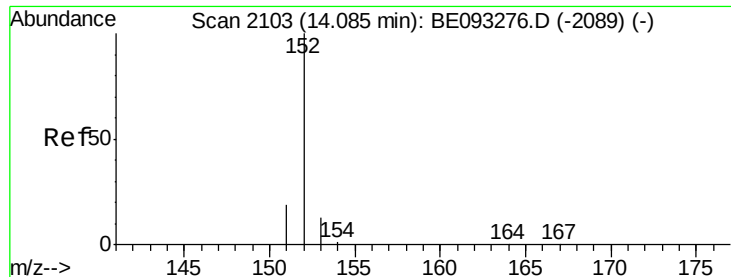
141 88.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.14 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Instrument :

BNA_E

ClientSampleId :

F5B07

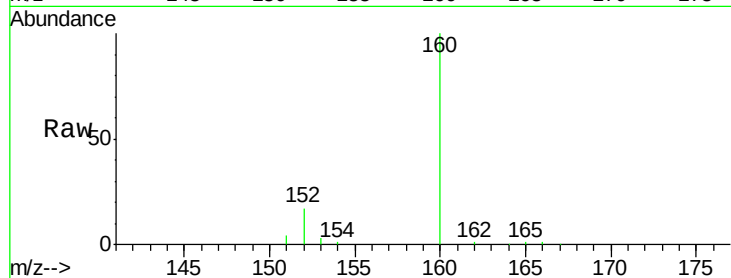
Tgt Ion:152 Resp: 3266

Ion Ratio Lower Upper

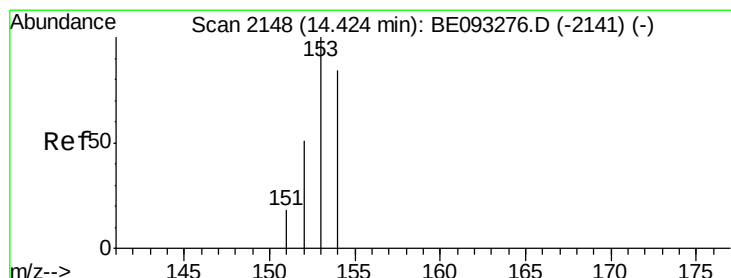
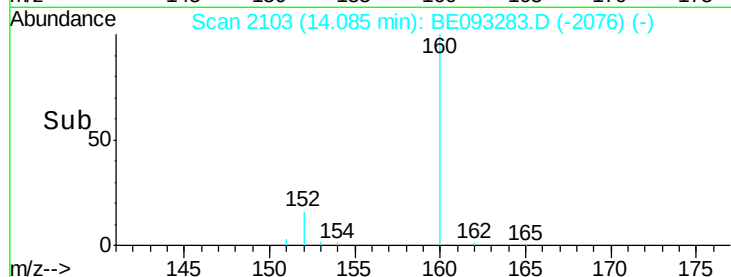
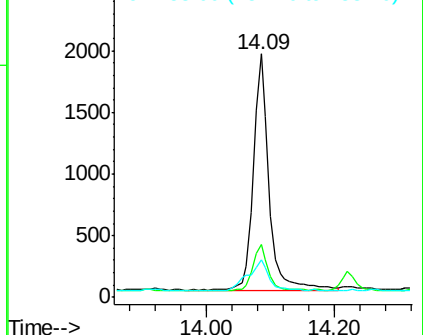
152 100

151 21.6 17.1 25.7

153 15.7 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: 0.06 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

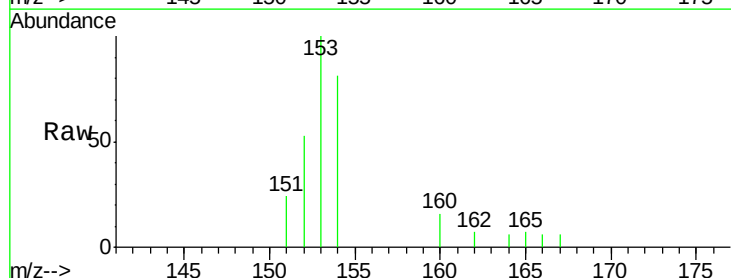
Tgt Ion:153 Resp: 1202

Ion Ratio Lower Upper

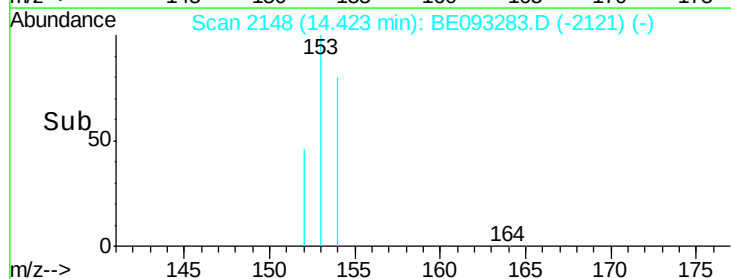
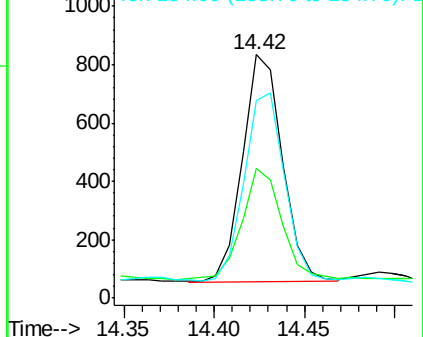
153 100

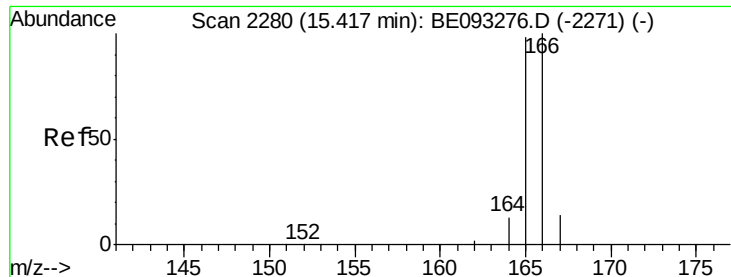
152 53.4 40.3 60.5

154 81.3 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: 0.06 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Instrument :

BNA_E

ClientSampleId :

F5B07

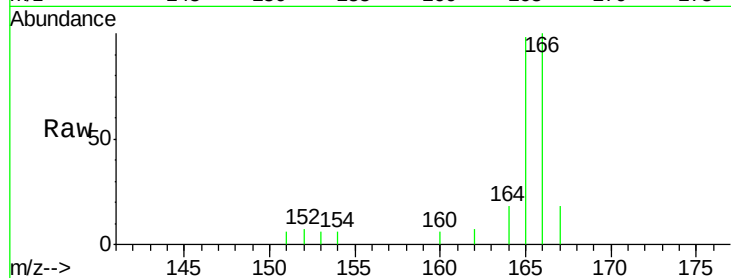
Tgt Ion:166 Resp: 1360

Ion Ratio Lower Upper

166 100

165 97.9 73.4 110.2

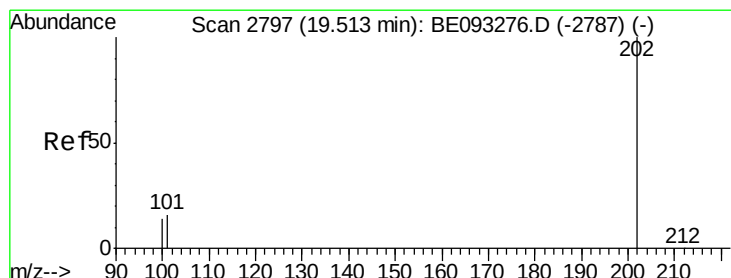
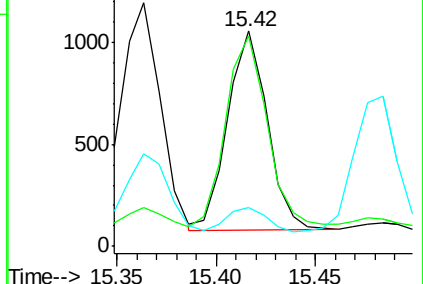
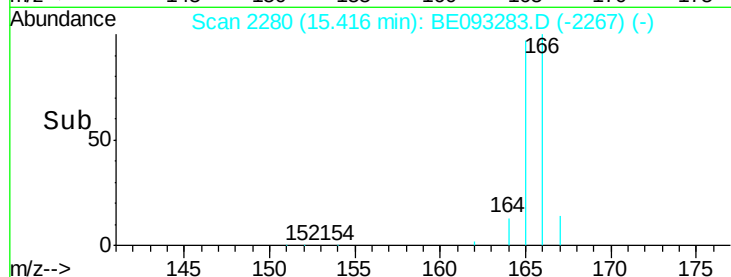
167 18.3 14.6 22.0



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



#17

Pyrene

Concen: 1.02 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

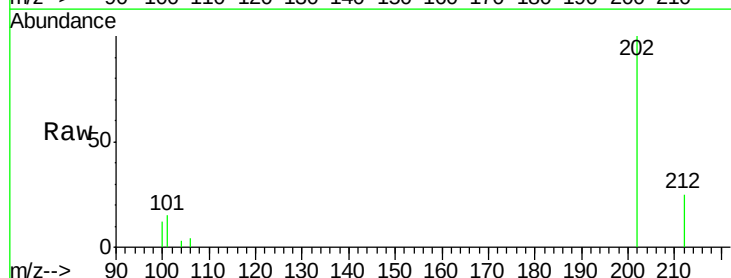
Tgt Ion:202 Resp: 39730

Ion Ratio Lower Upper

202 100

101 15.3 18.2 27.4#

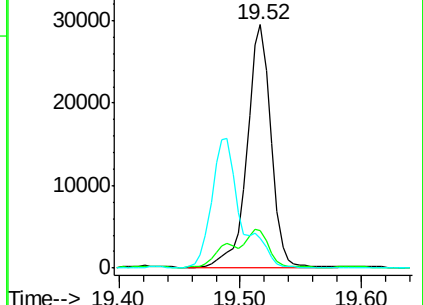
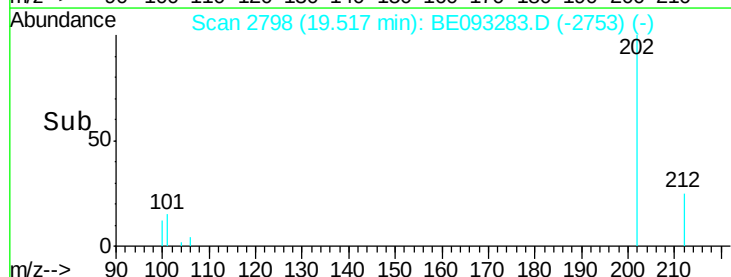
100 12.3 15.6 23.4#

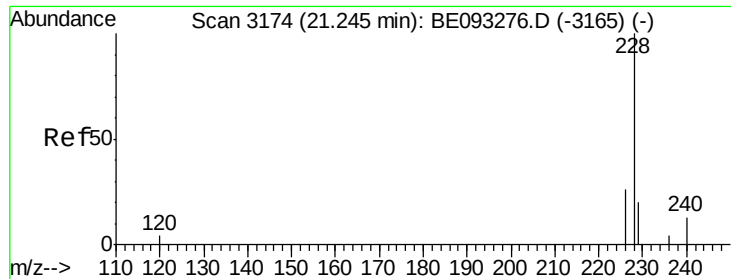


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.44 ng/ul

RT: 21.24 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Instrument :

BNA_E

ClientSampleId :

F5B07

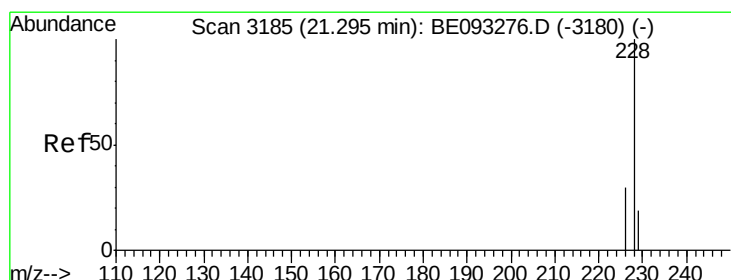
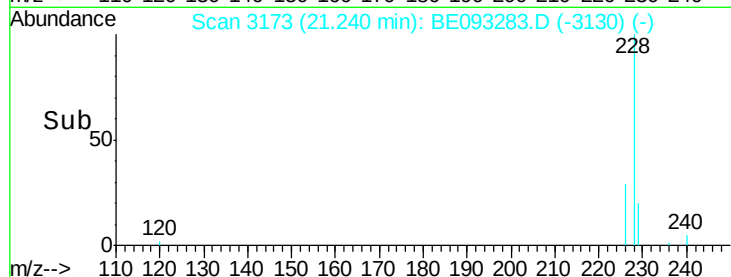
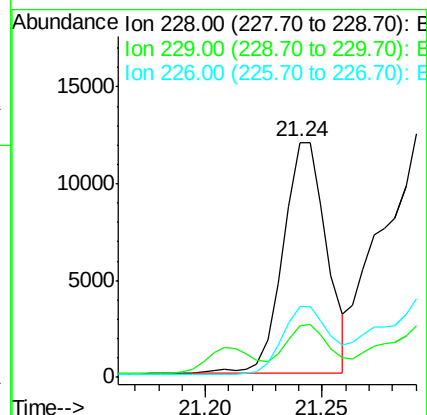
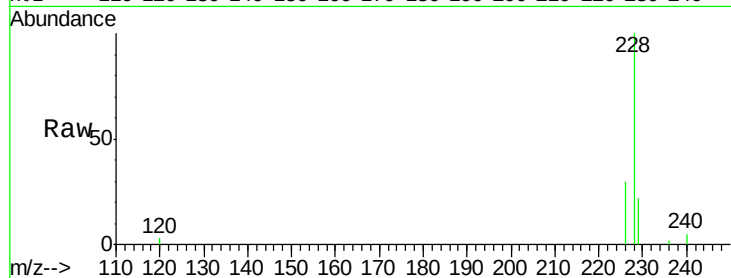
Tgt Ion:228 Resp: 15547

Ion Ratio Lower Upper

228 100

229 21.8 22.8 34.2#

226 30.3 17.0 25.6#



#19

Chrysene

Concen: 0.71 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

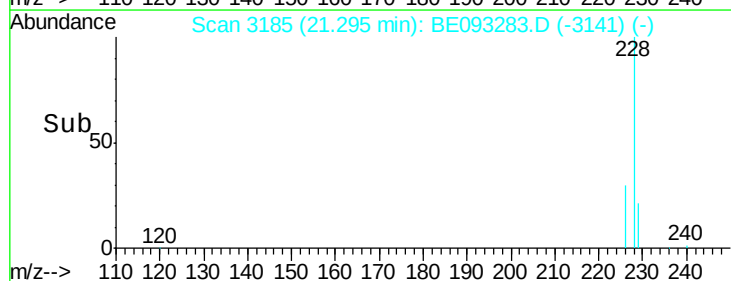
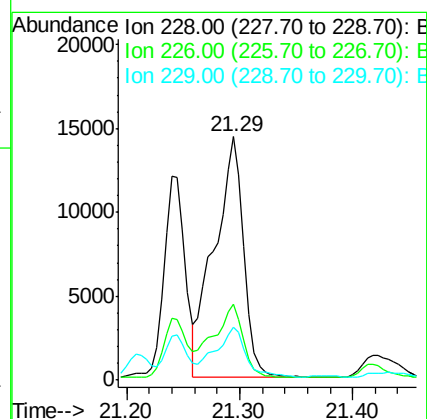
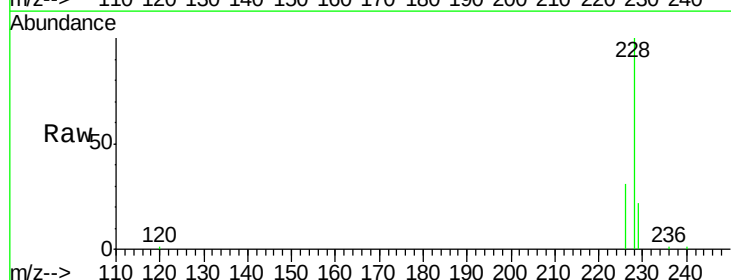
Tgt Ion:228 Resp: 25911

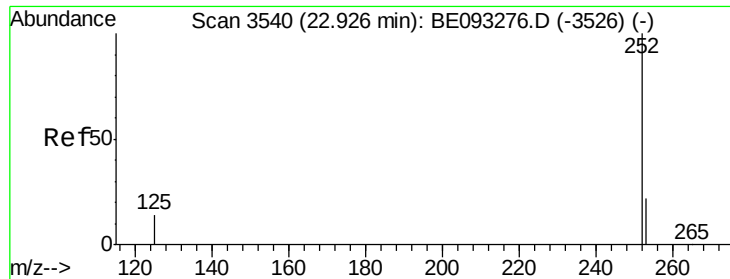
Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.0

229 21.8 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Instrument :

BNA_E

ClientSampleId :

F5B07

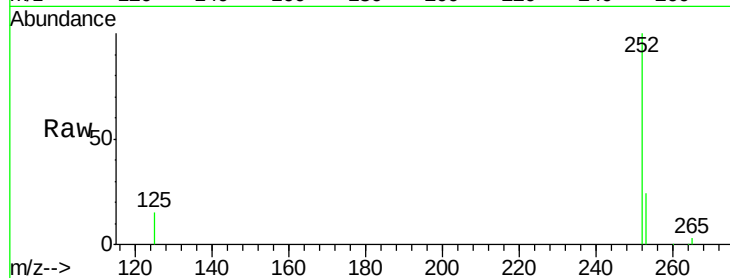
Tgt Ion:252 Resp: 40562

Ion Ratio Lower Upper

252 100

253 23.6 0.0 64.2

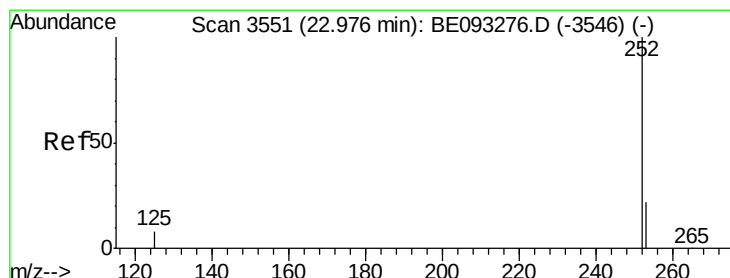
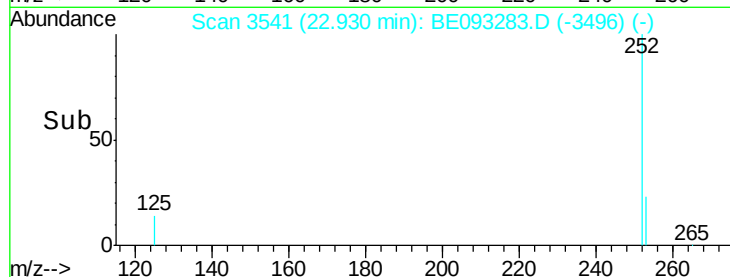
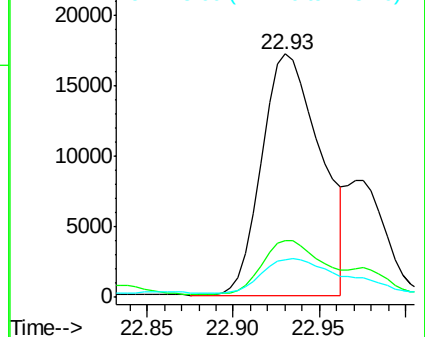
125 15.4 0.0 35.0



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. -0.05 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

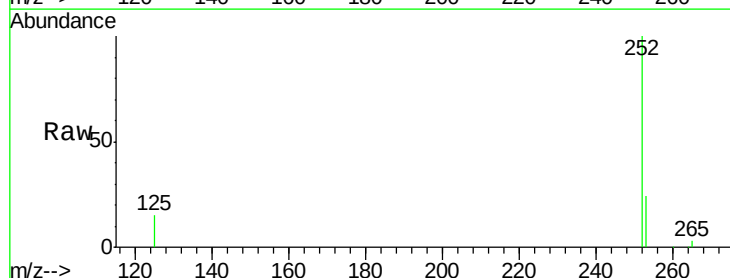
Tgt Ion:252 Resp: 53427

Ion Ratio Lower Upper

252 100

253 23.6 24.5 36.7#

125 15.4 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

