

Data File : BE093185.D
Acq On : 15 Jun 2017 00:41
Operator : SJ/MA
Sample : I3521-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C06

Quant Time: Jun 15 04:00:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3935	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	19969	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12553	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	30318	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	1555810	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	7988	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	22788	0.00	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.57	128	4153	0.08	ng/ul#	95
5) 2-Methylnaphthalene	12.18	142	713	0.02	ng/ul	94
7) Acenaphthylene	14.09	152	16247	0.30	ng/ul	96
8) Acenaphthene	14.43	153	592	0.01	ng/ul#	92
9) Fluorene	15.42	166	720	0.01	ng/ul#	87
17) Pyrene	19.52	202	128765	1.44	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	73771	0.91	ng/ul#	85
19) Chrysene	21.29	228	74974	0.89	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	127413	0.03	ng/ul	88
22) Benzo(k)fluoranthene	22.93	252	170026	0.03	ng/ul#	90
23) Benzo(a)pyrene	23.45	252	56352	0.01	ng/ul#	88

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

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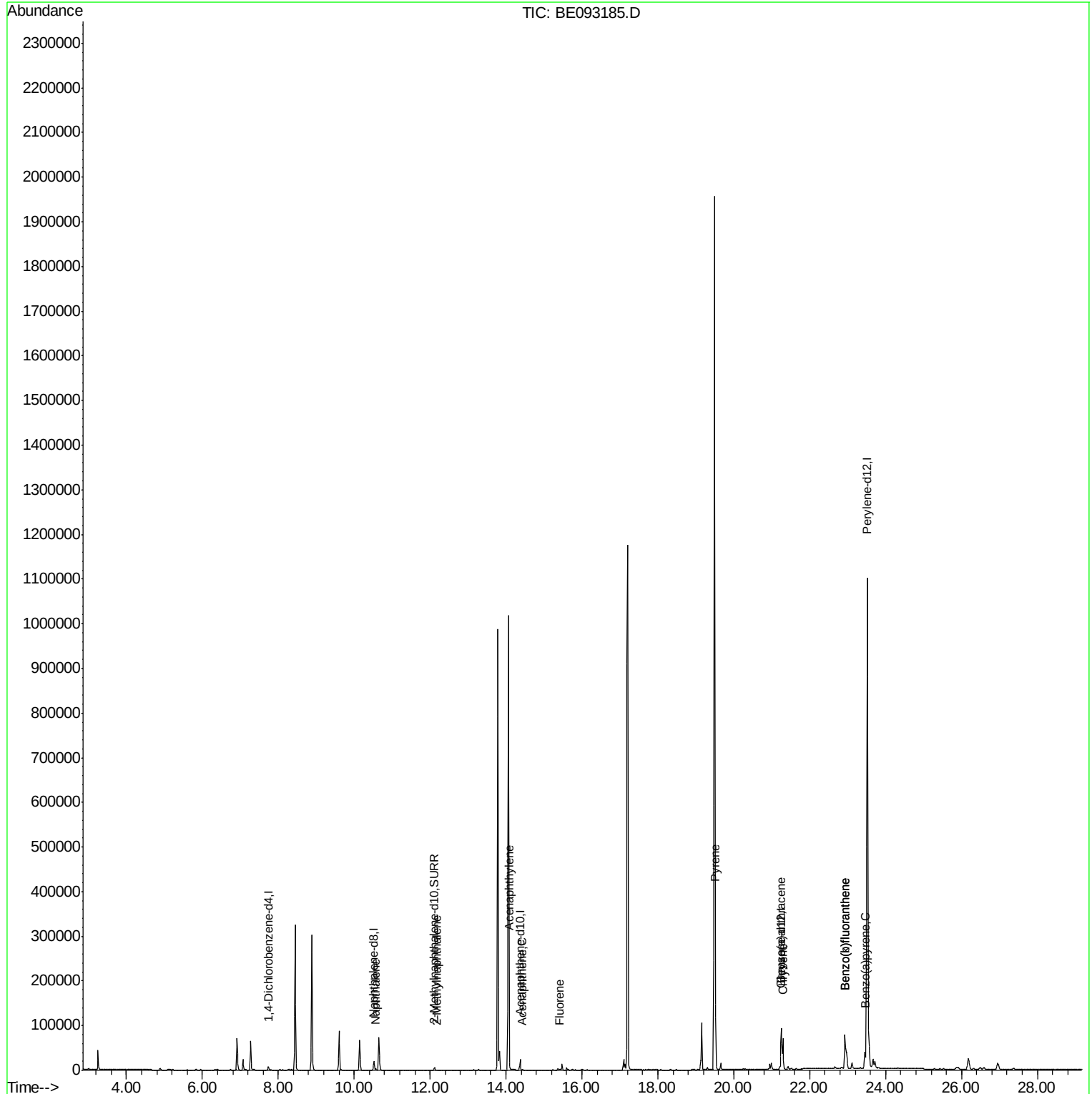
Quant Time: Jun 15 04:00:57 2017

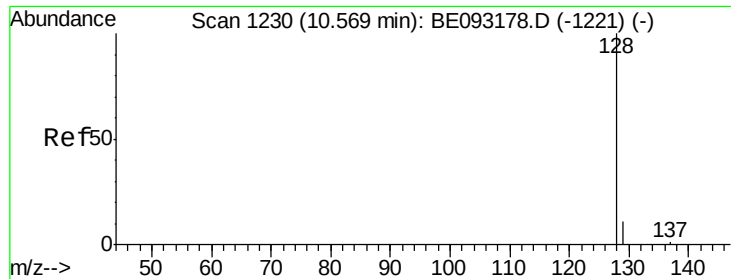
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

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#3

Naphthalene

Concen: 0.08 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

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Instrument :

BNA_E

ClientSampleId :

F5C06

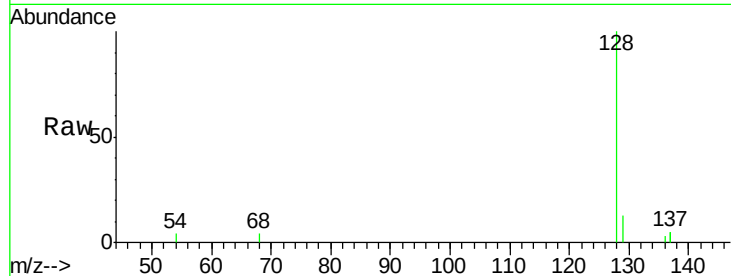
Tgt Ion:128 Resp: 4153

Ion Ratio Lower Upper

128 100

129 13.5 11.3 16.9

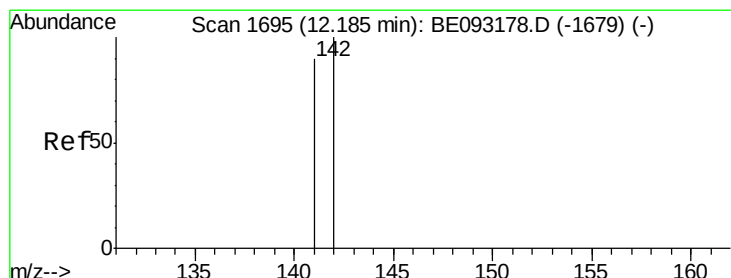
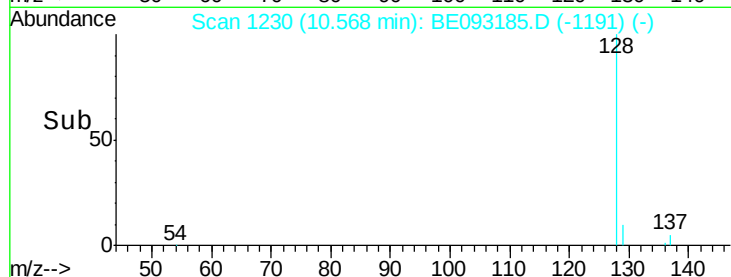
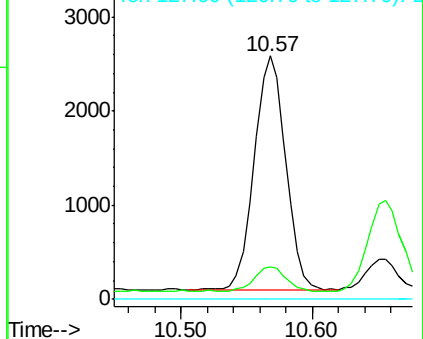
127 0.0 4.0 6.0#



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: 0.02 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093185.D

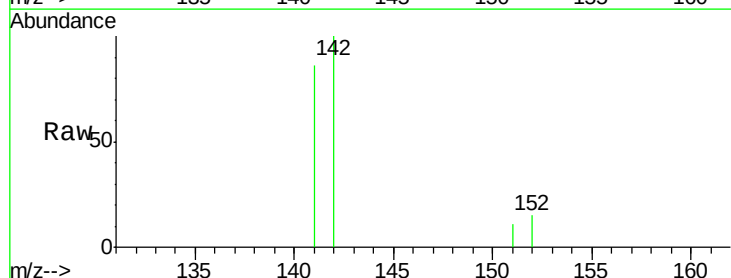
Acq: 15 Jun 2017 00:41

Tgt Ion:142 Resp: 713

Ion Ratio Lower Upper

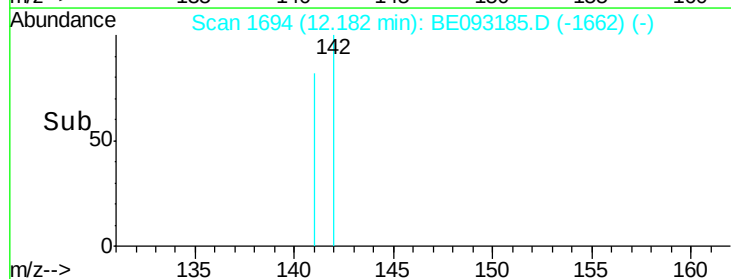
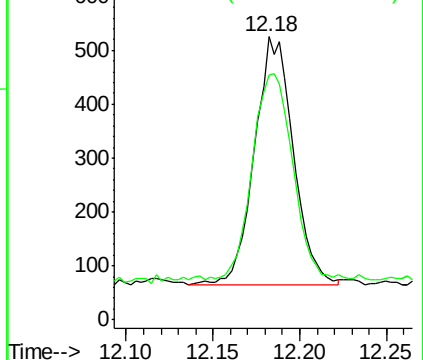
142 100

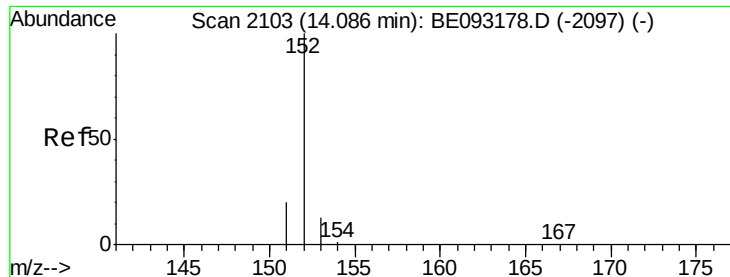
141 85.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.30 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093185.D

Acq: 15 Jun 2017 00:41

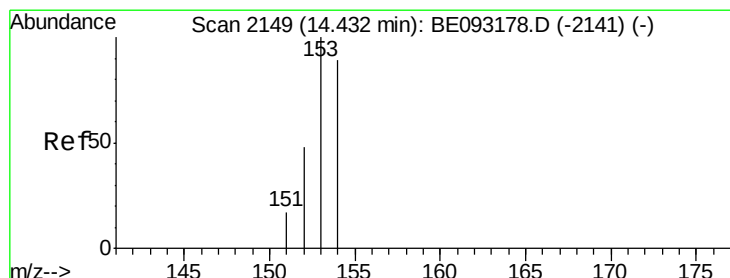
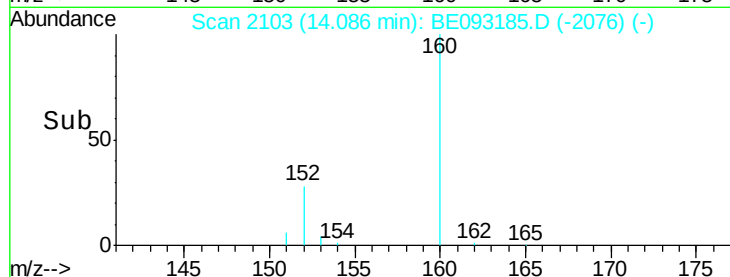
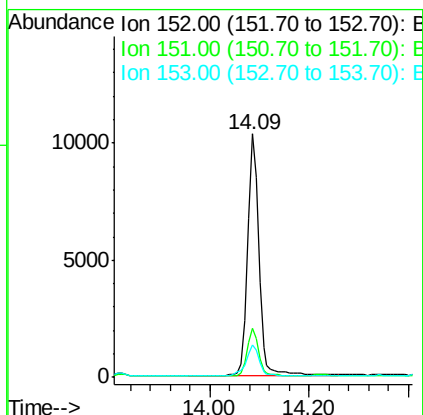
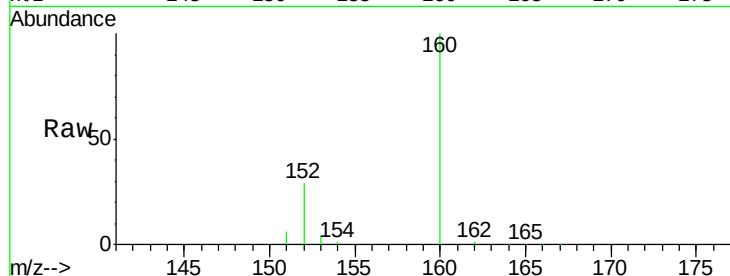
Instrument :

BNA_E

ClientSampleId :

F5C06

Tgt Ion:	152	Resp:	16247
Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.1	25.7
153	13.3	12.8	19.2



#8

Acenaphthene

Concen: 0.01 ng/ul

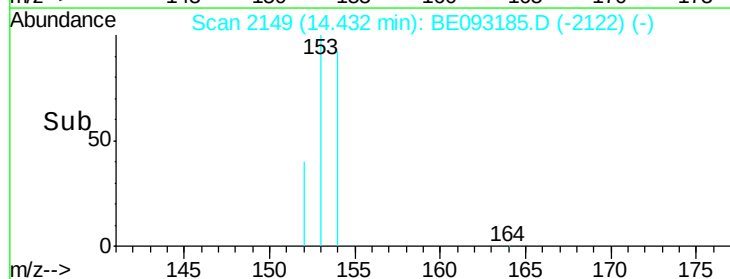
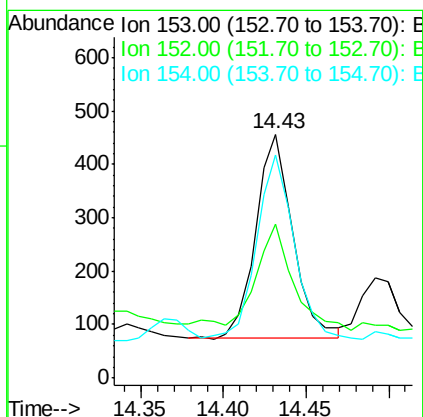
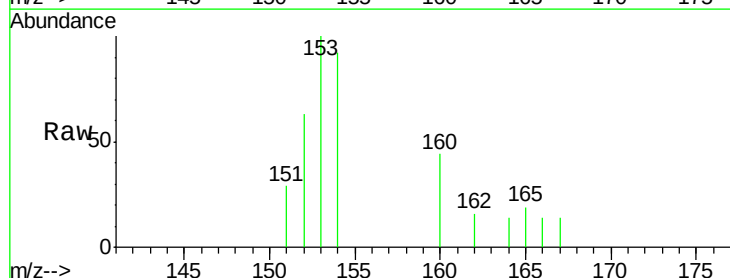
RT: 14.43 min Scan# 2149

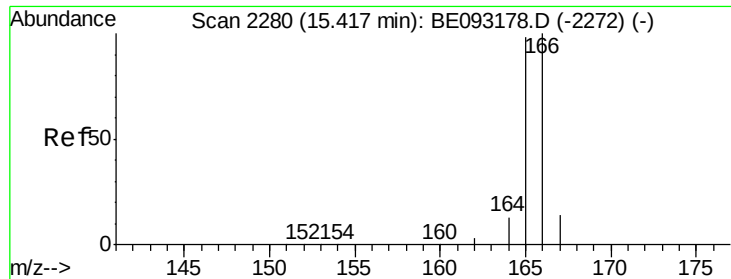
Delta R.T. -0.00 min

Lab File: BE093185.D

Acq: 15 Jun 2017 00:41

Tgt Ion:	153	Resp:	592
Ion	Ratio	Lower	Upper
153	100		
152	62.9	40.3	60.5#
154	91.7	71.4	107.2





#9

Fluorene

Concen: 0.01 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093185.D

Acq: 15 Jun 2017 00:41

Instrument :

BNA_E

ClientSampleId :

F5C06

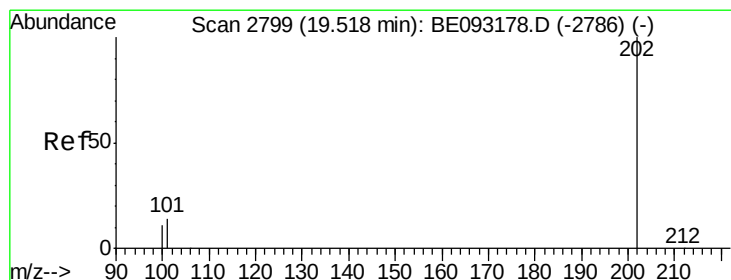
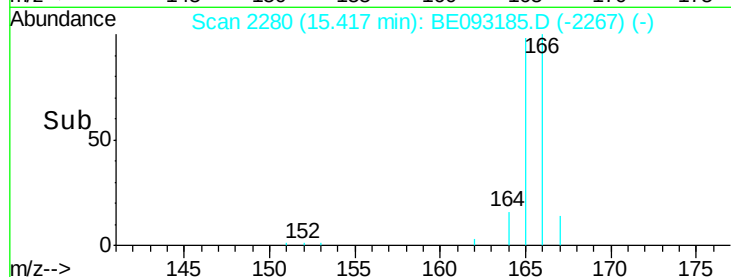
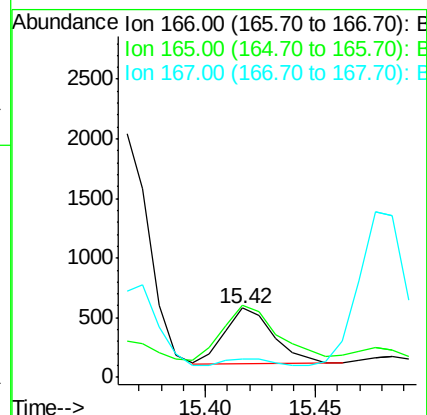
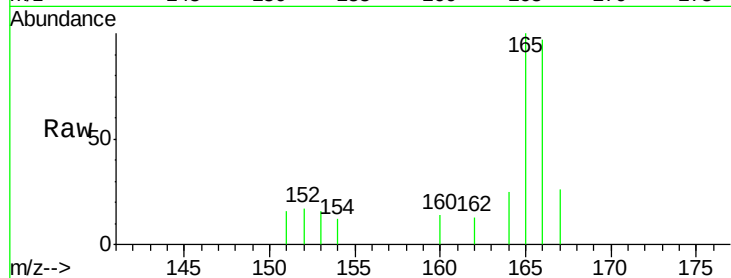
Tgt Ion:166 Resp: 720

Ion Ratio Lower Upper

166 100

165 103.3 73.4 110.2

167 26.6 14.6 22.0#



#17

Pyrene

Concen: 1.44 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE093185.D

Acq: 15 Jun 2017 00:41

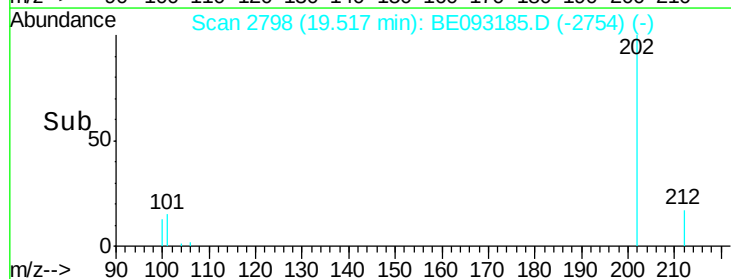
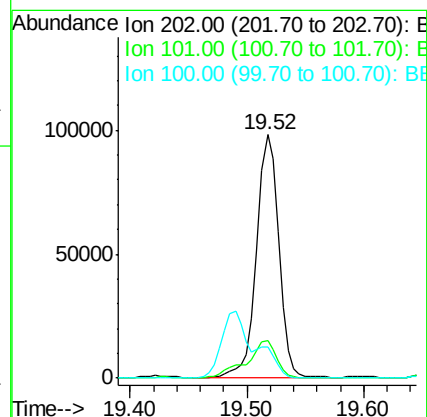
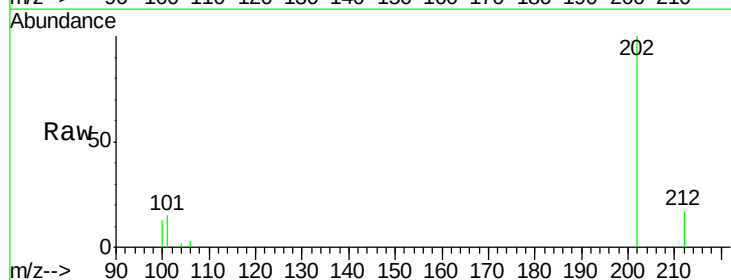
Tgt Ion:202 Resp: 128765

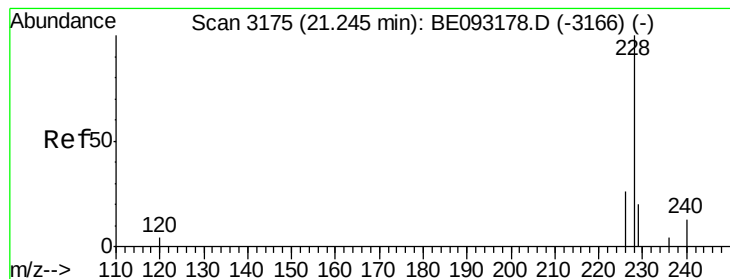
Ion Ratio Lower Upper

202 100

101 15.4 18.2 27.4#

100 12.6 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.91 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE093185.D

Acq: 15 Jun 2017 00:41

Instrument :

BNA_E

ClientSampleId :

F5C06

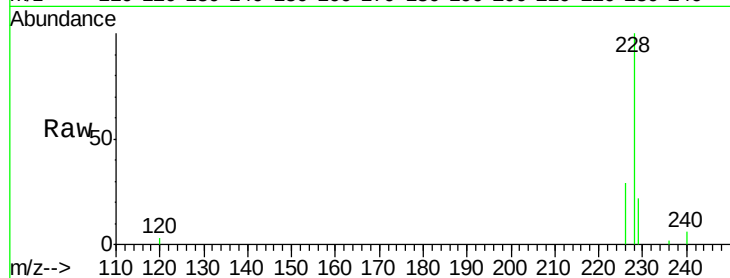
Tgt Ion:228 Resp: 73771

Ion Ratio Lower Upper

228 100

229 21.6 22.8 34.2#

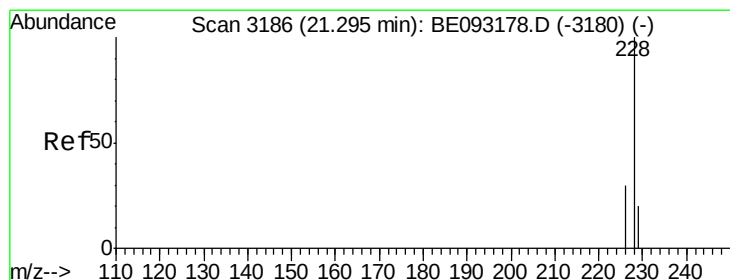
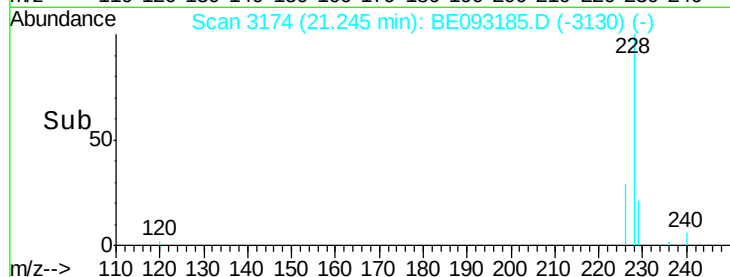
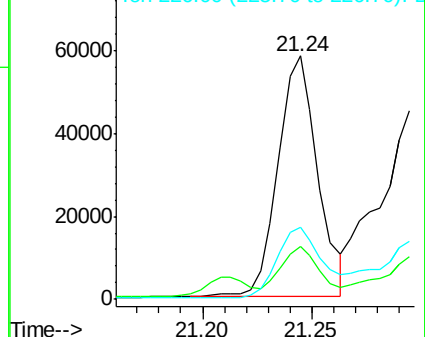
226 29.4 17.0 25.6#



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: 0.89 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093185.D

Acq: 15 Jun 2017 00:41

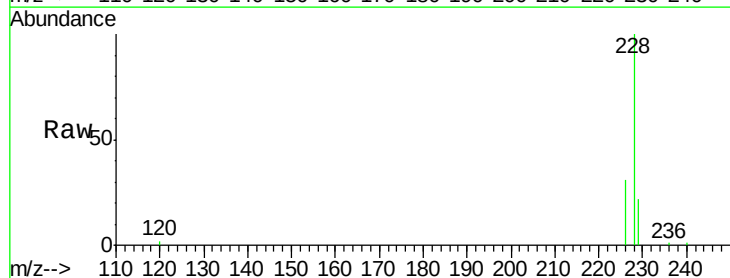
Tgt Ion:228 Resp: 74974

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

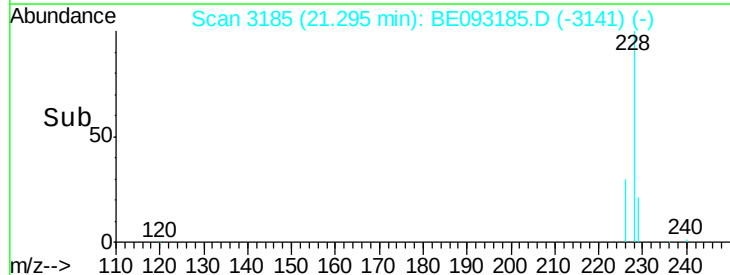
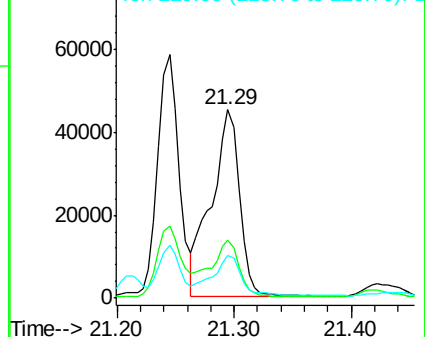
229 22.4 17.7 26.5

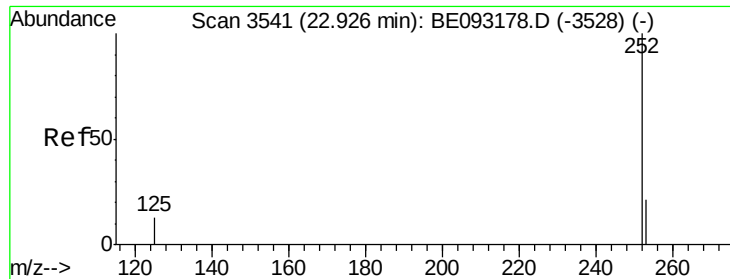


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BE093185.D

Acq: 15 Jun 2017 00:41

Instrument :

BNA_E

ClientSampleId :

F5C06

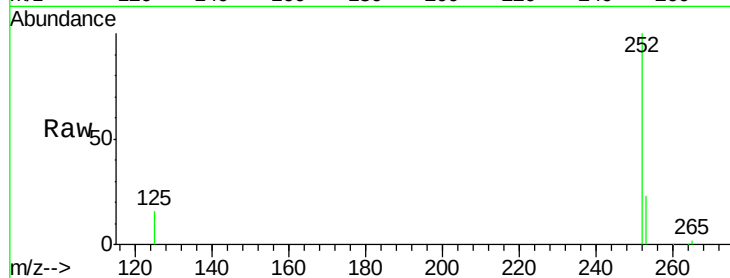
Tgt Ion:252 Resp: 127413

Ion Ratio Lower Upper

252 100

253 23.3 0.0 64.2

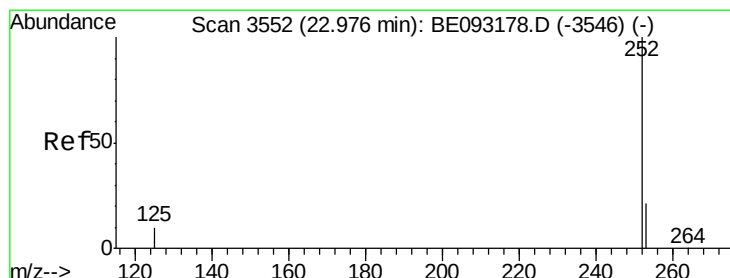
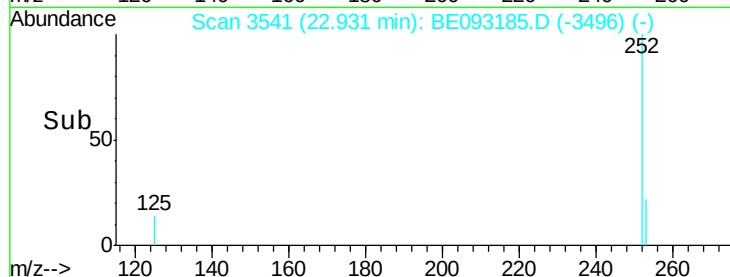
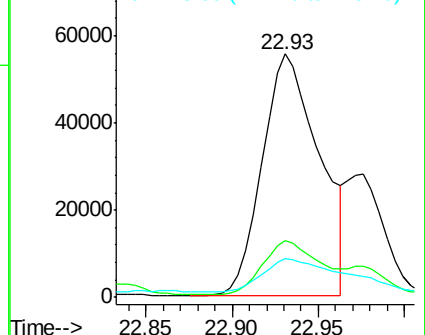
125 15.8 0.0 35.0



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: 0.03 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. -0.05 min

Lab File: BE093185.D

Acq: 15 Jun 2017 00:41

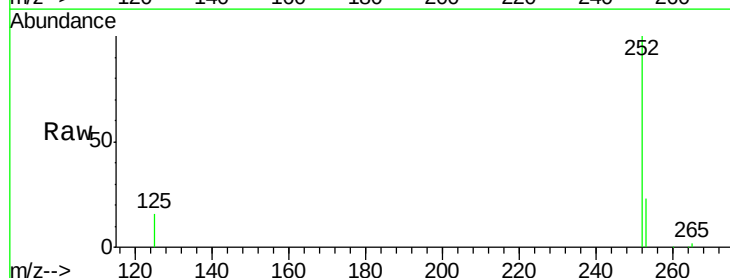
Tgt Ion:252 Resp: 170026

Ion Ratio Lower Upper

252 100

253 23.3 24.5 36.7#

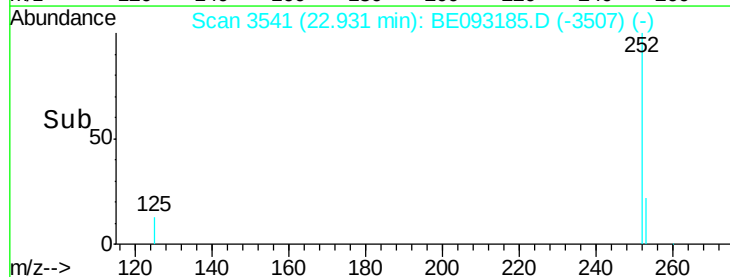
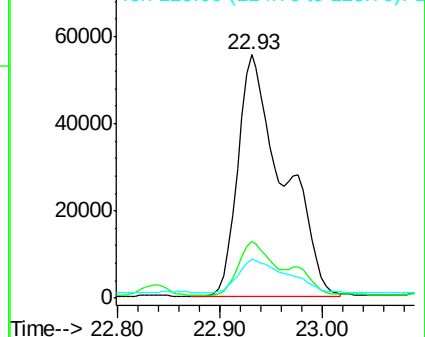
125 15.8 13.7 20.5

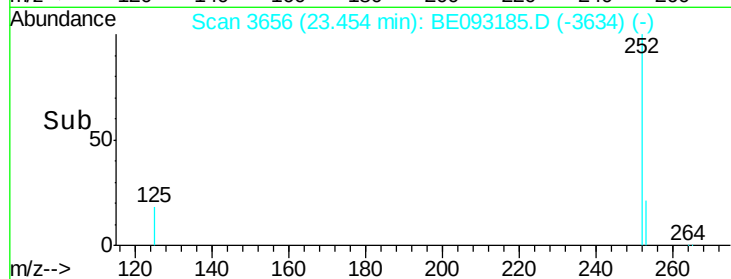
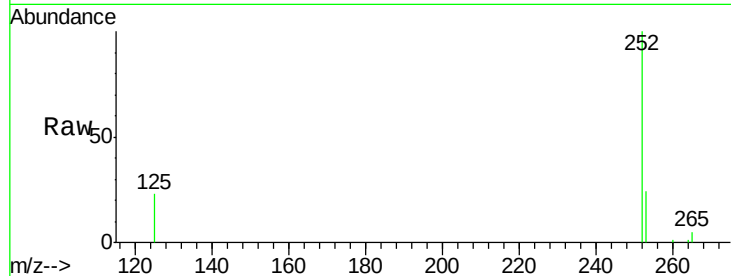
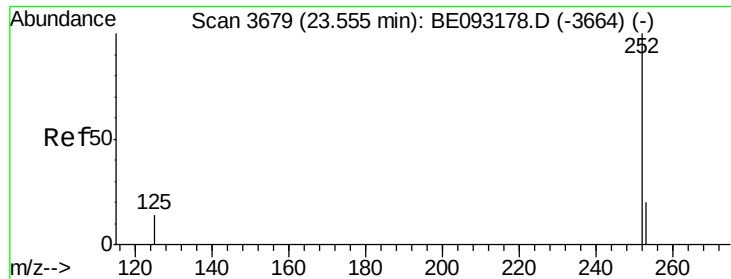


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.45 min Scan# 3656

Delta R.T. -0.10 min

Lab File: BE093185.D

Acq: 15 Jun 2017 00:41

Instrument :

BNA_E

ClientSampleId :

F5C06

Tgt Ion: 252 Resp: 56352

Ion Ratio Lower Upper

252 100

253 24.0 28.5 42.7#

125 23.0 18.1 27.1

