

Data File : BE093133.D
Acq On : 13 Jun 2017 16:30
Operator : SJ/MA
Sample : I3522-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A61

Quant Time: Jun 14 01:25:29 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 14 01:25:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	5017	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	24925	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	14576	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	36294	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	38775	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	42095	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5320	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	16439	0.17	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.57	128	852	0.01	ng/ul#	76
12) Phenanthrene	17.14	178	3146	0.03	ng/ul#	85
13) Anthracene	17.20	178	1020	0.01	ng/ul#	1
15) Fluoranthene	19.15	202	3560	0.03	ng/ul	84
17) Pyrene	19.51	202	3213	0.03	ng/ul#	93
18) Benzo(a)anthracene	21.24	228	1420	0.01	ng/ul#	84
19) Chrysene	21.29	228	2013	0.02	ng/ul#	81
21) Benzo(b)fluoranthene	22.93	252	4596	0.04	ng/ul#	25
22) Benzo(k)fluoranthene	22.93	252	4596	0.03	ng/ul#	21
23) Benzo(a)pyrene	23.56	252	1612	0.01	ng/ul#	40

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

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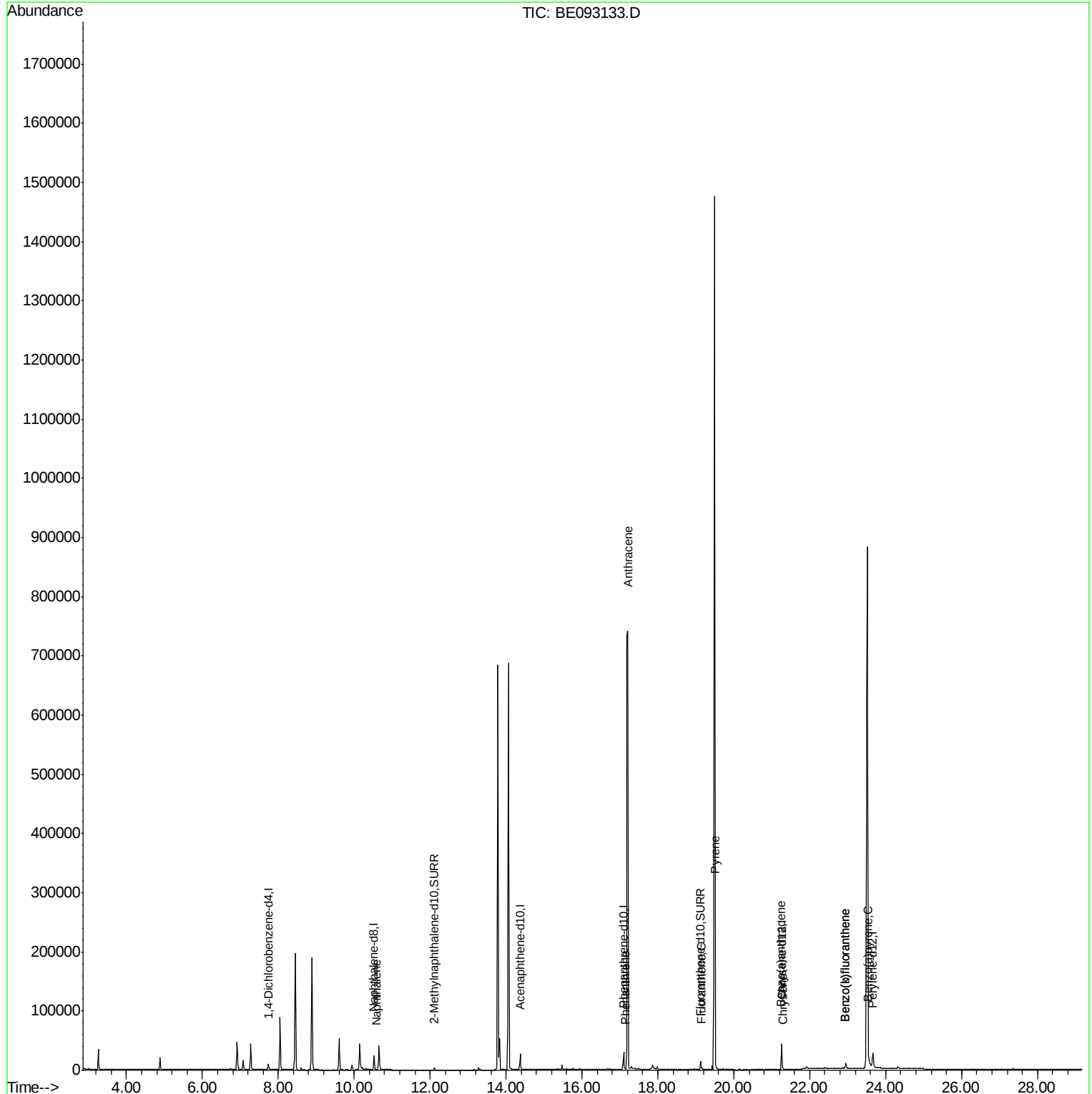
Quant Time: Jun 14 01:25:29 2017

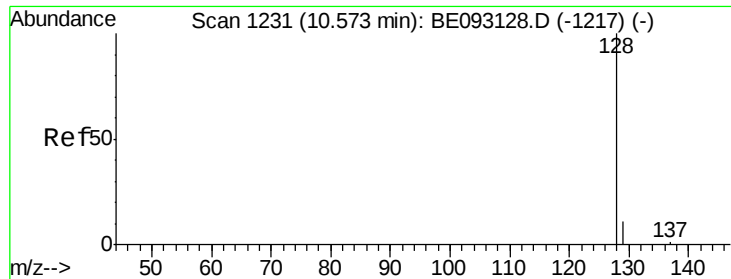
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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#3

Naphthalene

Concen: 0.01 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

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ClientSampleId :

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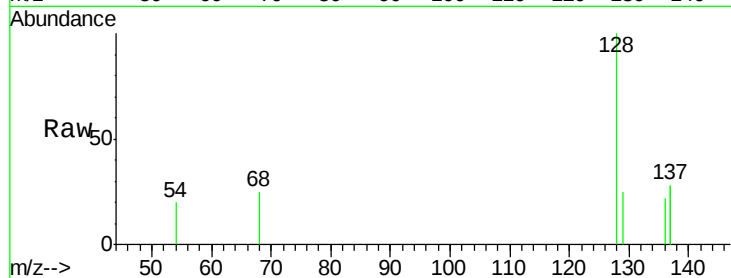
Tgt Ion:128 Resp: 852

Ion Ratio Lower Upper

128 100

129 24.9 11.3 16.9#

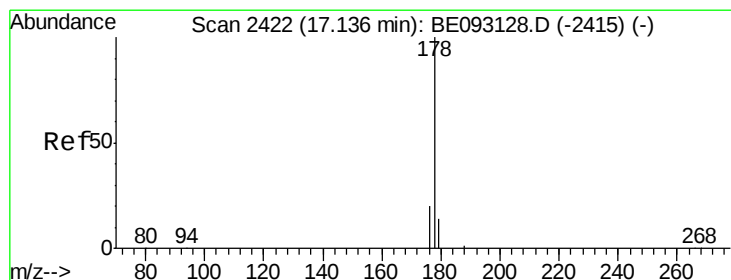
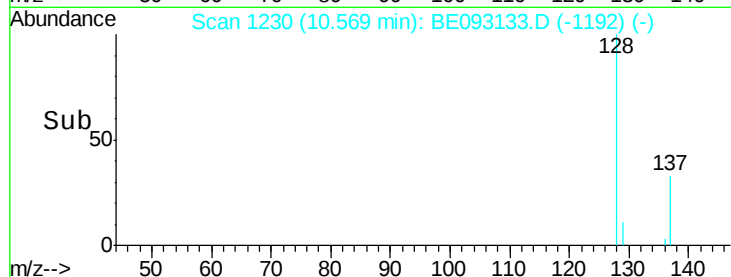
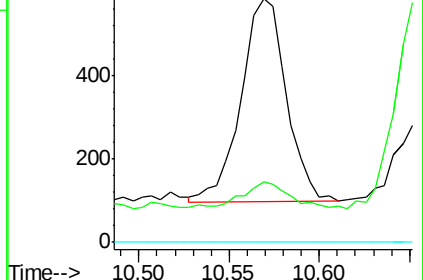
127 0.0 4.0 6.0#



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



#12

Phenanthrene

Concen: 0.03 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BE093133.D

Acq: 13 Jun 2017 16:30

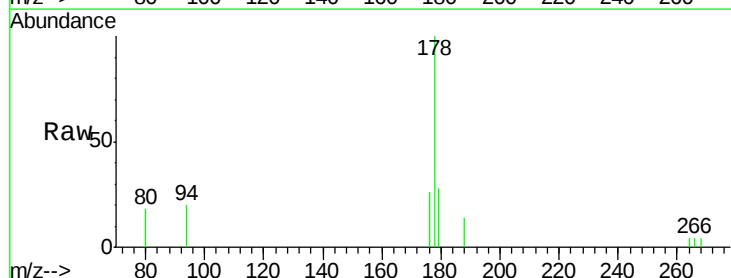
Tgt Ion:178 Resp: 3146

Ion Ratio Lower Upper

178 100

179 28.3 18.4 27.6#

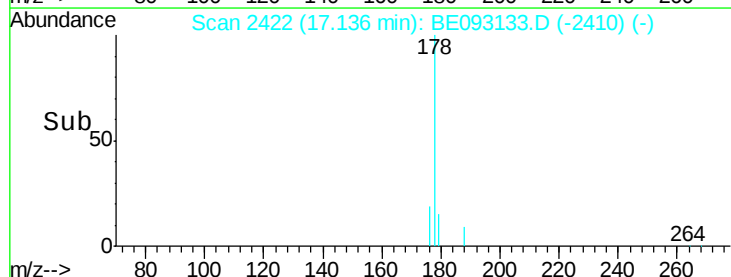
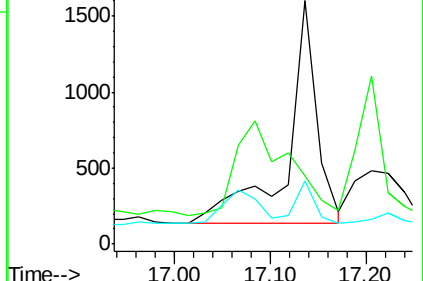
176 25.7 13.6 20.4#

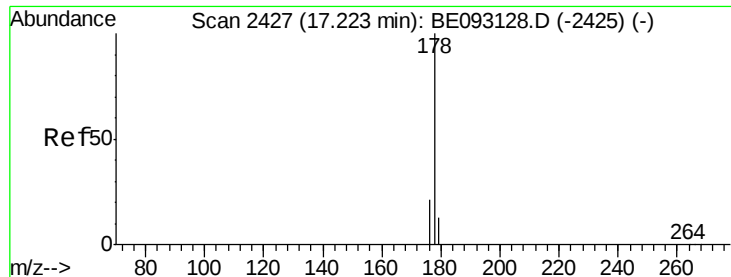


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.01 ng/ul

RT: 17.20 min Scan# 2426

Delta R.T. -0.02 min

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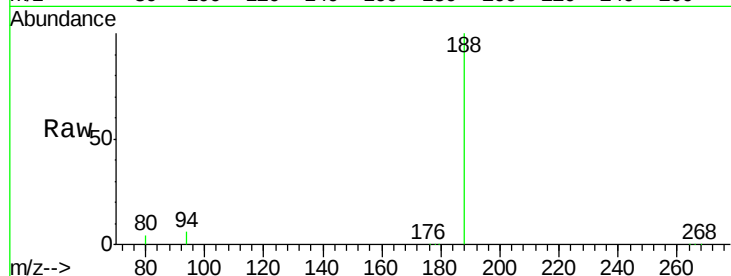
Tgt Ion:178 Resp: 1020

Ion Ratio Lower Upper

178 100

179 227.8 18.1 27.1#

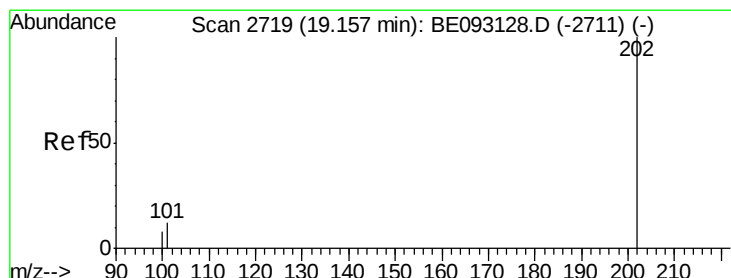
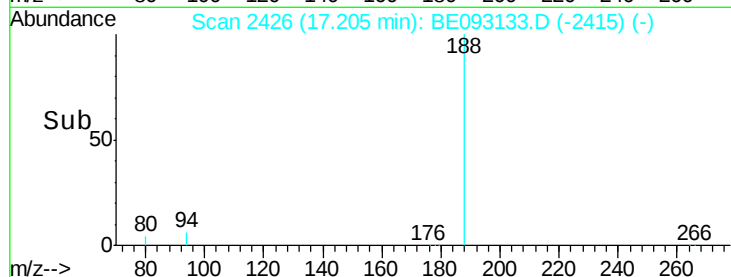
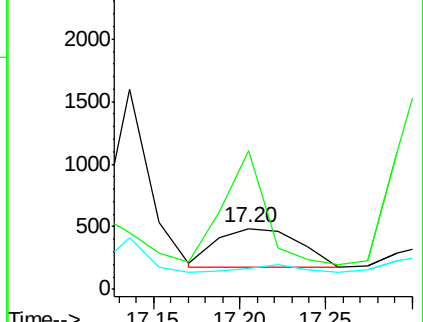
176 34.2 14.7 22.1#



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: 0.03 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BE093133.D

Acq: 13 Jun 2017 16:30

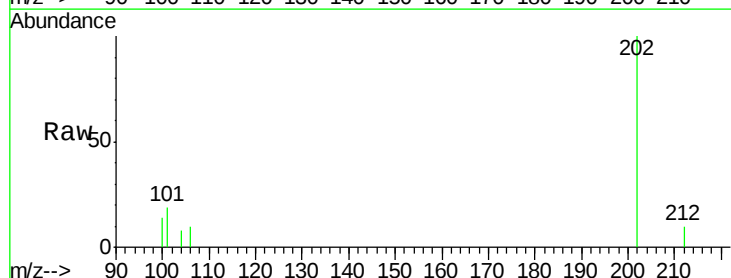
Tgt Ion:202 Resp: 3560

Ion Ratio Lower Upper

202 100

101 18.7 0.0 30.3

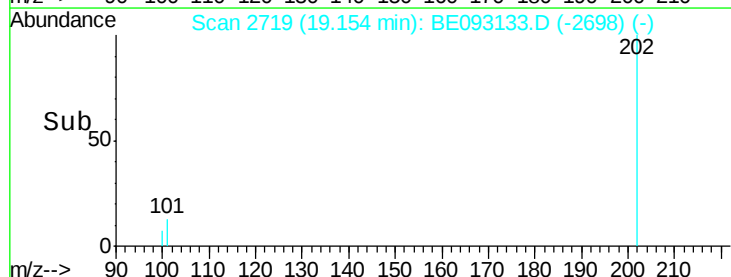
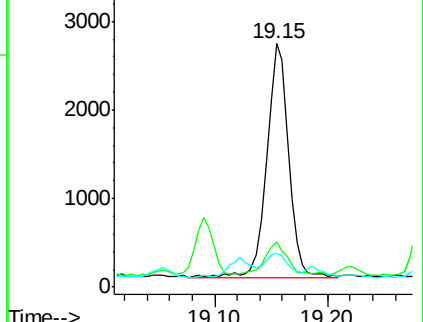
100 13.9 0.0 39.5

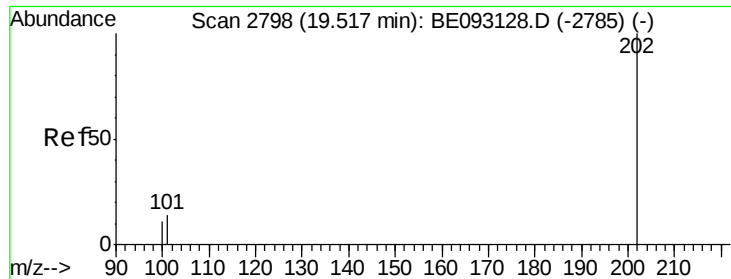


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pyrene

Concen: 0.03 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE093133.D

Acq: 13 Jun 2017 16:30

Instrument :

BNA_E

ClientSampleId :

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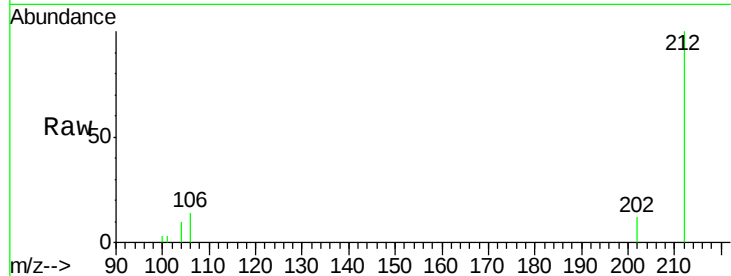
Tgt Ion:202 Resp: 3213

Ion Ratio Lower Upper

202 100

101 21.3 18.2 27.4

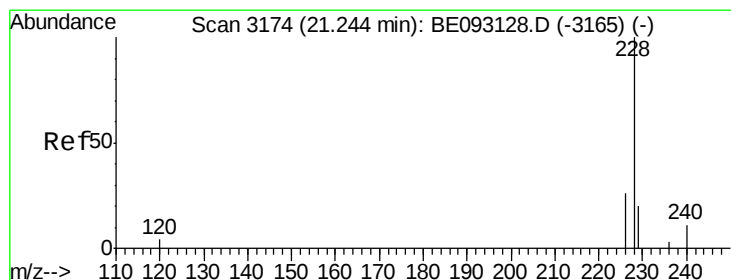
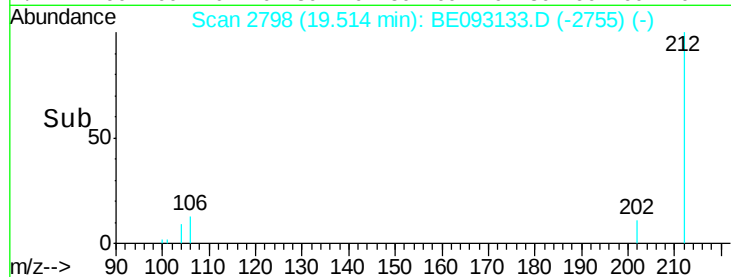
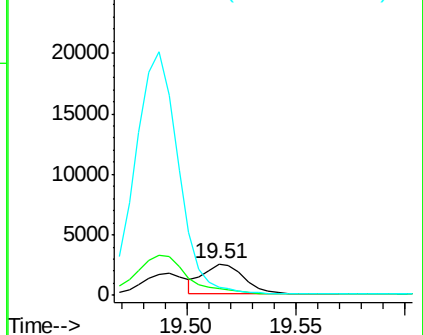
100 24.9 15.6 23.4#



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: 0.01 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE093133.D

Acq: 13 Jun 2017 16:30

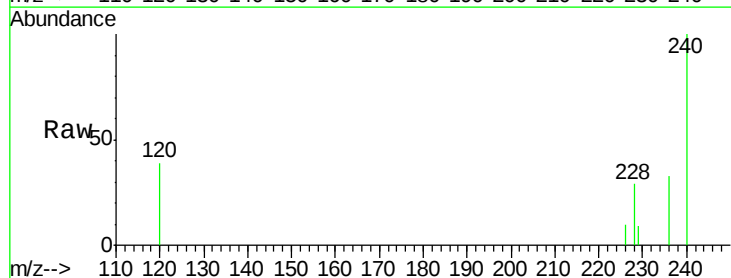
Tgt Ion:228 Resp: 1420

Ion Ratio Lower Upper

228 100

229 31.6 22.8 34.2

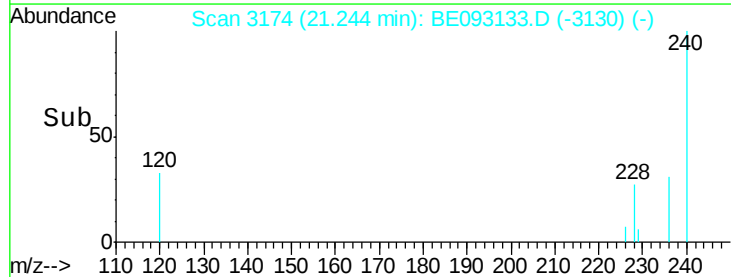
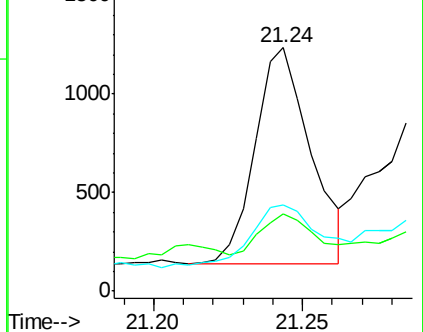
226 35.5 17.0 25.6#

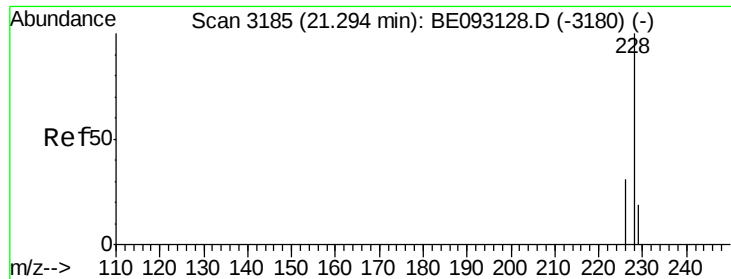


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.02 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

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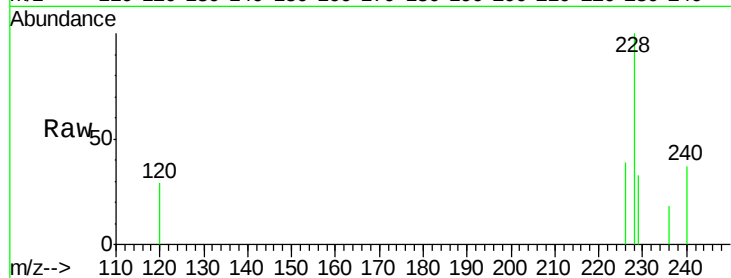
Tgt Ion:228 Resp: 2013

Ion Ratio Lower Upper

228 100

226 38.5 23.4 35.0#

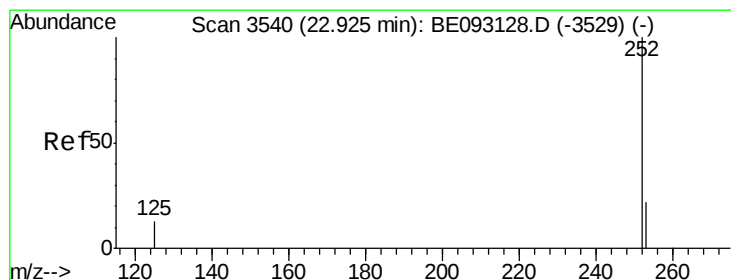
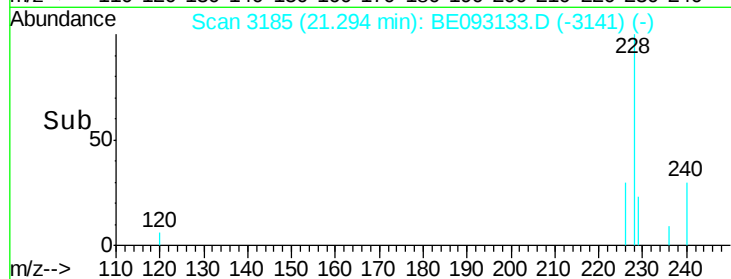
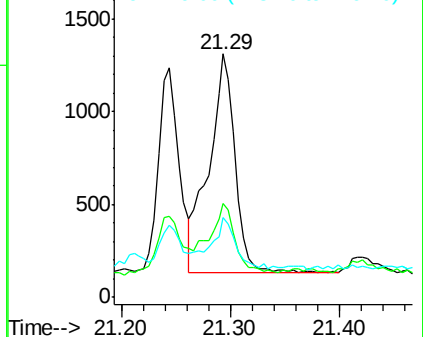
229 32.6 17.7 26.5#



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: 0.04 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. 0.01 min

Lab File: BE093133.D

Acq: 13 Jun 2017 16:30

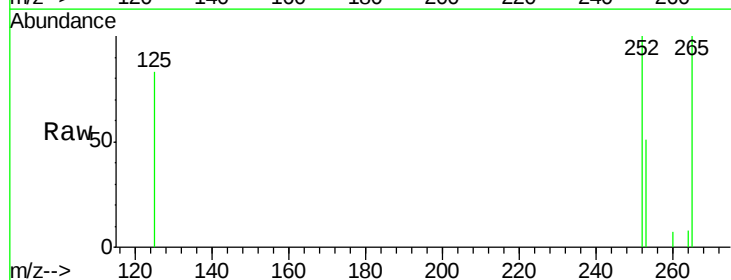
Tgt Ion:252 Resp: 4596

Ion Ratio Lower Upper

252 100

253 51.2 0.0 64.2

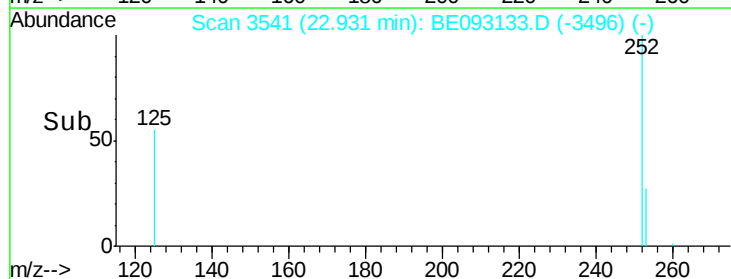
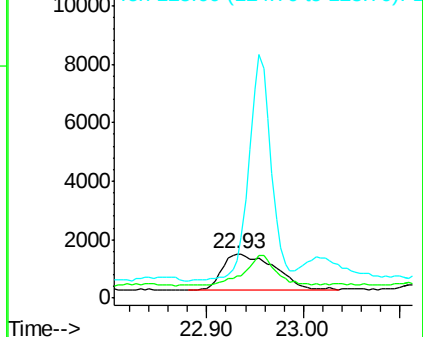
125 83.2 0.0 35.0#

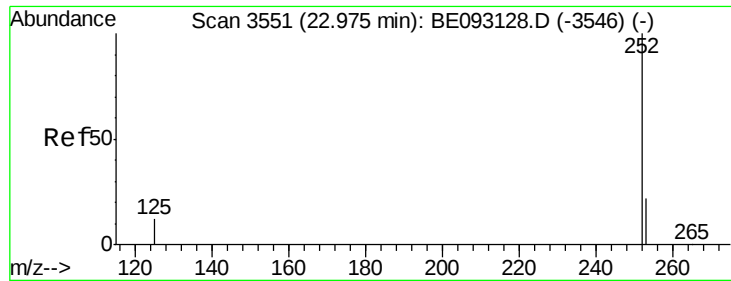


Abundance Ion 252.00 (251.70 to 252.70): E

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/u1

RT: 22.93 min Scan# 3541

Delta R.T. -0.04 min

Lab File: BE093133.D

Acq: 13 Jun 2017 16:30

Instrument :

BNA_E

ClientSampleId :

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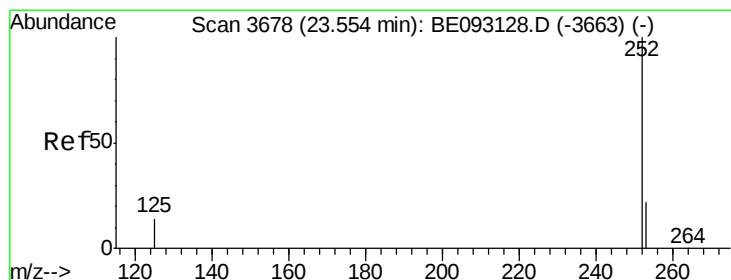
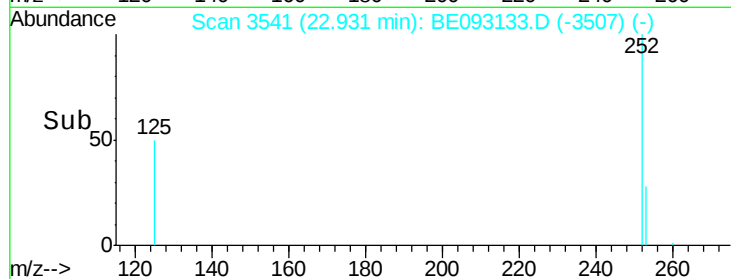
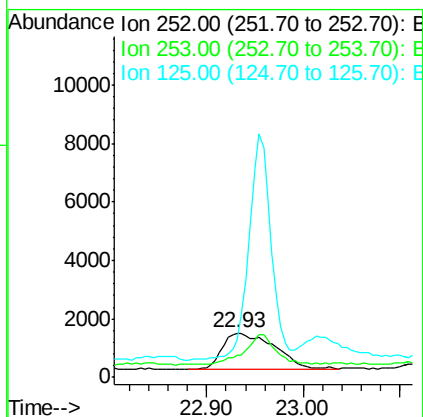
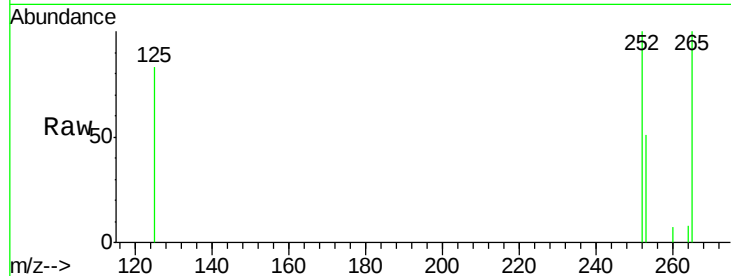
Tgt Ion:252 Resp: 4596

Ion Ratio Lower Upper

252 100

253 51.2 24.5 36.7#

125 83.2 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.01 ng/u1

RT: 23.56 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BE093133.D

Acq: 13 Jun 2017 16:30

Tgt Ion:252 Resp: 1612

Ion Ratio Lower Upper

252 100

253 58.2 28.5 42.7#

125 67.9 18.1 27.1#

