

Data File : BE093158.D
Acq On : 14 Jun 2017 7:58
Operator : SJ/MA
Sample : I3520-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A35

Quant Time: Jun 14 08:41:19 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 08:39:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	6094	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	30974	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	18319	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	43033	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	43533	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	45136	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	7886	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	19486	0.17	ng/ul	0.00

Target Compounds				Qvalue		
11) Pentachlorophenol	16.75	266	96	0.02	ng/ul	96
12) Phenanthrene	17.13	178	4698	0.04	ng/ul#	89
13) Anthracene	17.22	178	1187	0.01	ng/ul#	52
15) Fluoranthene	19.15	202	11131	0.08	ng/ul	83
17) Pyrene	19.51	202	13473	0.10	ng/ul#	92
18) Benzo(a)anthracene	21.24	228	4744	0.04	ng/ul#	86
19) Chrysene	21.29	228	5849	0.05	ng/ul	94
21) Benzo(b)fluoranthene	22.93	252	11960	0.09	ng/ul#	71
22) Benzo(k)fluoranthene	22.93	252	11960	0.08	ng/ul#	68
23) Benzo(a)pyrene	23.55	252	4631	0.04	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.18	276	3467	0.02	ng/ul#	60
26) Benzo(g,h,i)perylene	26.95	276	3043	0.02	ng/ul#	72

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

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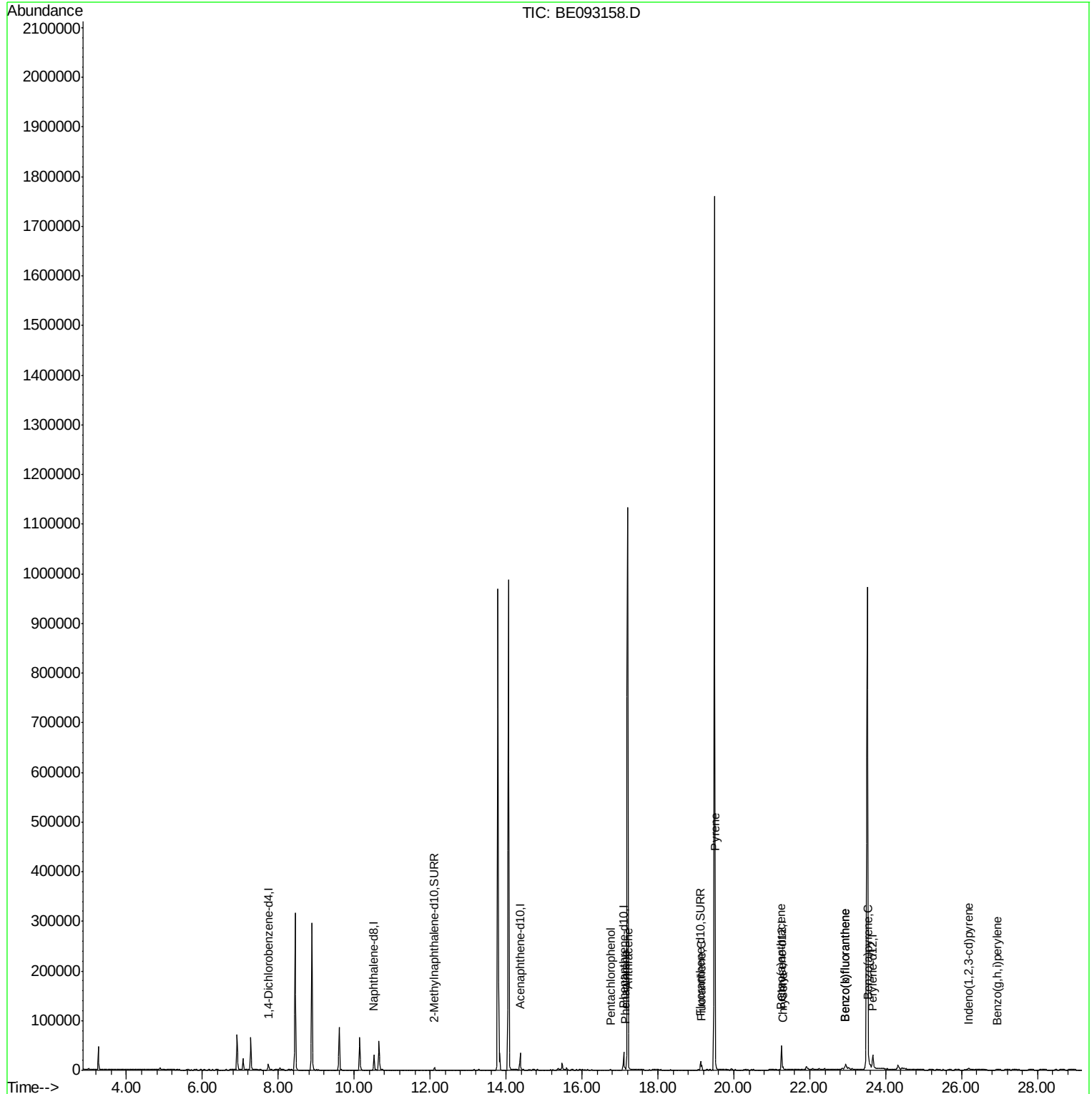
Quant Time: Jun 14 08:41:19 2017

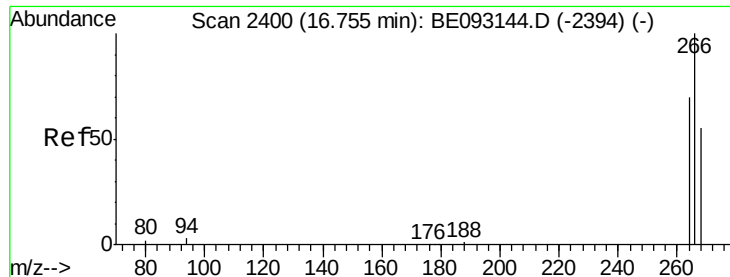
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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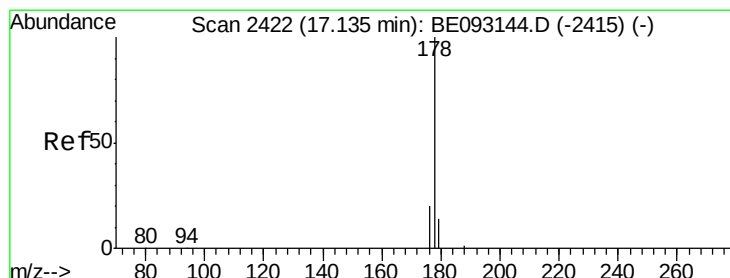
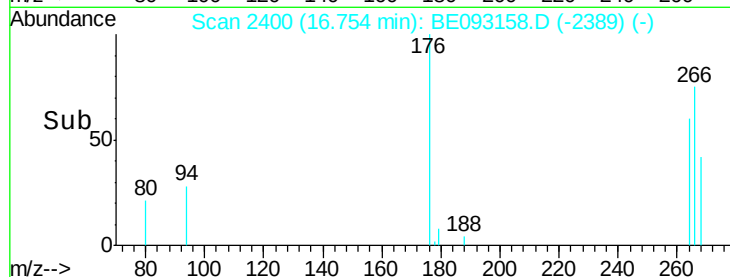
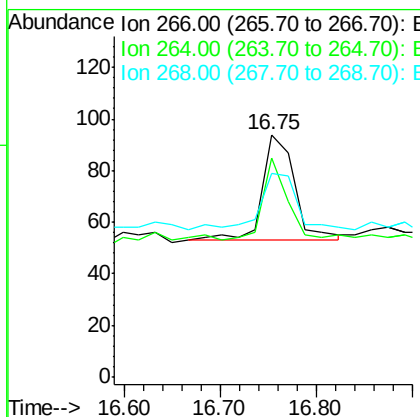
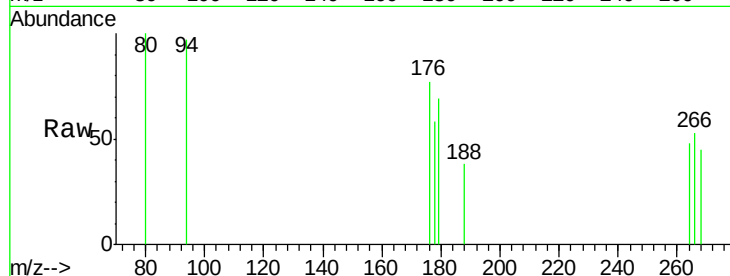




#11
 Pentachlorophenol
 Concen: 0.02 ng/ul
 RT: 16.75 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BE093158.D
 Acq: 14 Jun 2017 7:58

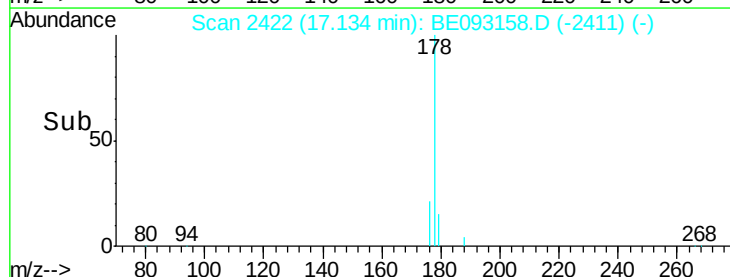
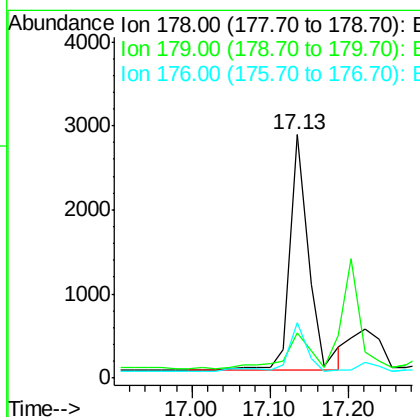
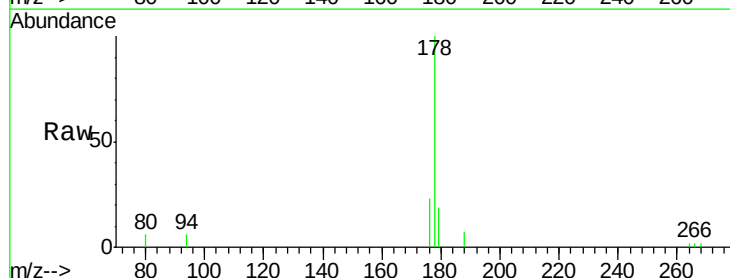
Instrument :
 BNA_E
 ClientSampleId :
 F5A35

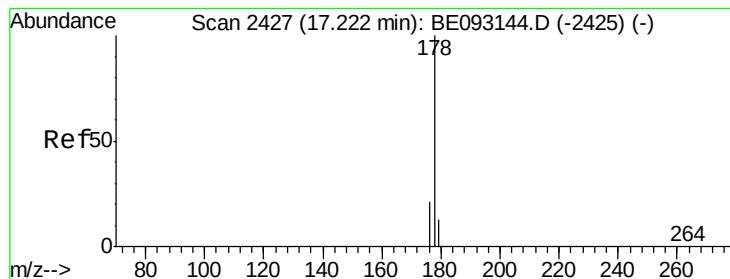
Tgt Ion: 266 Resp: 96
 Ion Ratio Lower Upper
 266 100
 264 64.6 47.9 71.9
 268 61.5 49.8 74.8



#12
 Phenanthrene
 Concen: 0.04 ng/ul
 RT: 17.13 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BE093158.D
 Acq: 14 Jun 2017 7:58

Tgt Ion: 178 Resp: 4698
 Ion Ratio Lower Upper
 178 100
 179 18.6 18.4 27.6
 176 22.7 13.6 20.4#





#13

Anthracene

Concen: 0.01 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093158.D

Acq: 14 Jun 2017 7:58

Instrument :

BNA_E

ClientSampleId :

F5A35

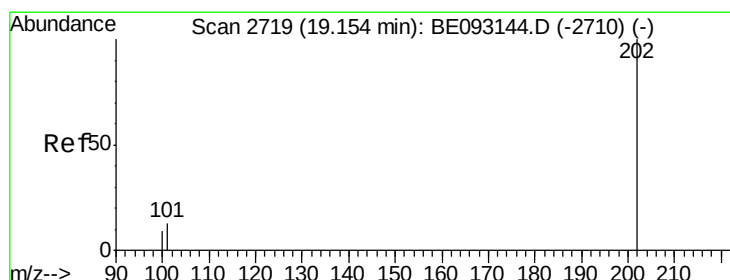
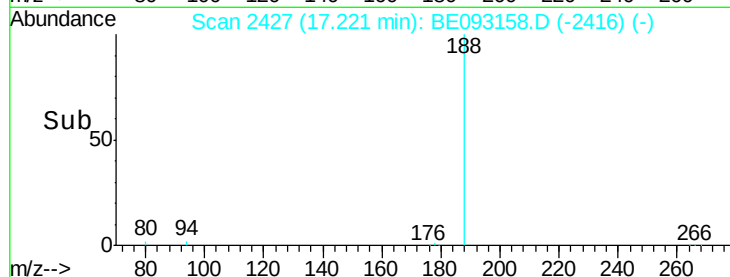
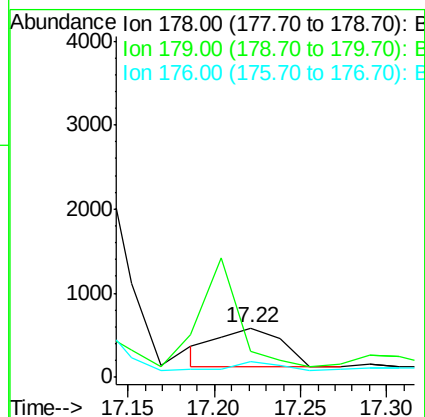
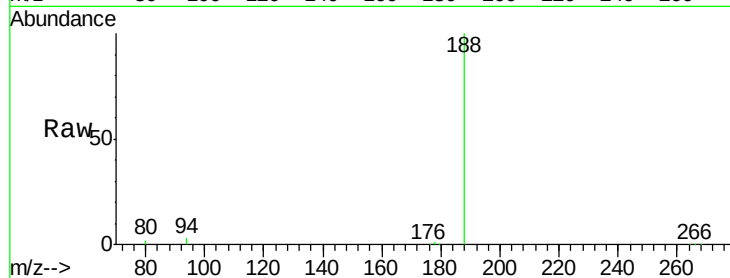
Tgt Ion:178 Resp: 1187

Ion Ratio Lower Upper

178 100

179 53.8 18.1 27.1#

176 31.1 14.7 22.1#



#15

Fluoranthene

Concen: 0.08 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BE093158.D

Acq: 14 Jun 2017 7:58

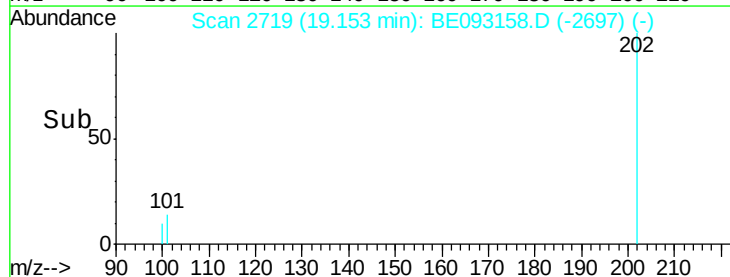
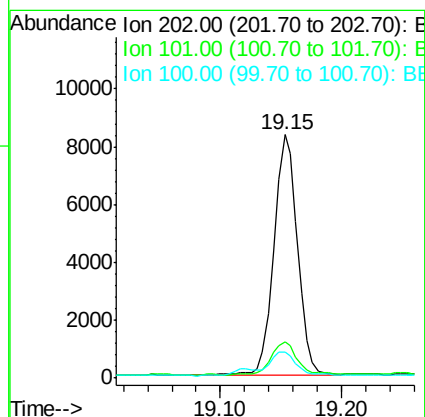
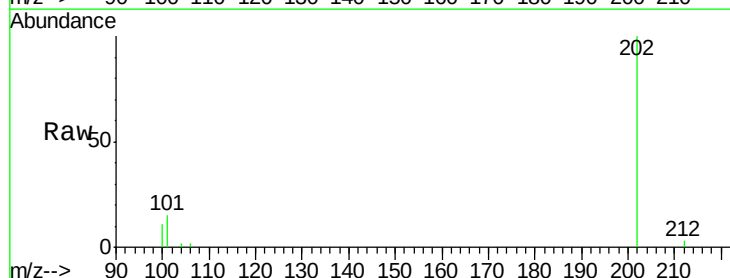
Tgt Ion:202 Resp: 11131

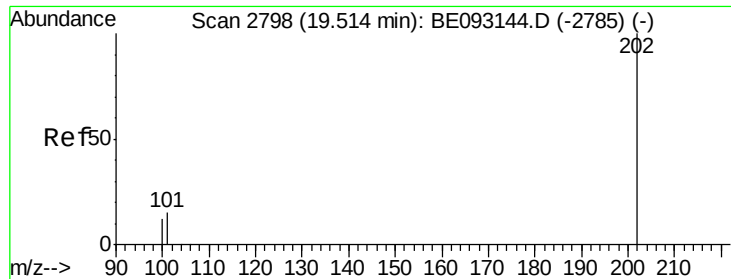
Ion Ratio Lower Upper

202 100

101 14.9 0.0 30.3

100 10.9 0.0 39.5





#17

Pyrene

Concen: 0.10 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE093158.D

Acq: 14 Jun 2017 7:58

Instrument :

BNA_E

ClientSampleId :

F5A35

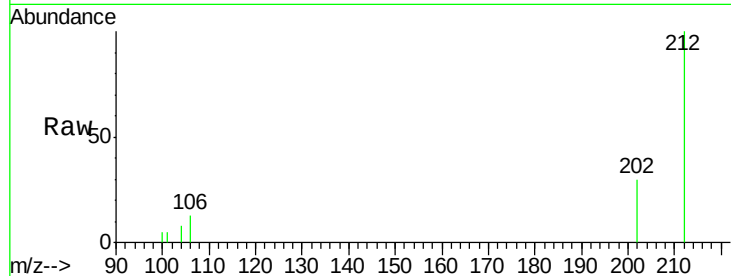
Tgt Ion:202 Resp: 13473

Ion Ratio Lower Upper

202 100

101 17.6 18.2 27.4#

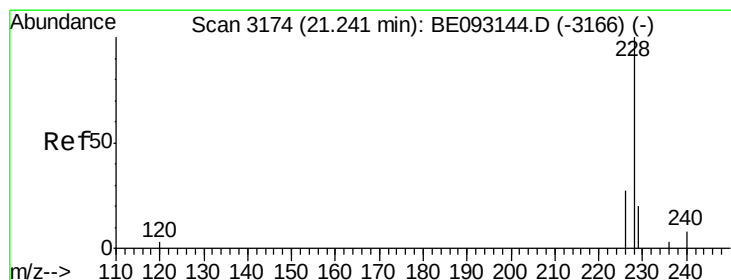
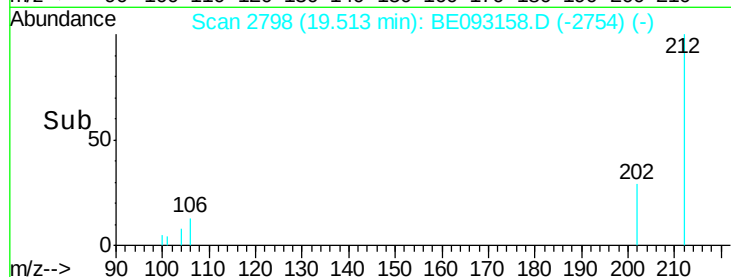
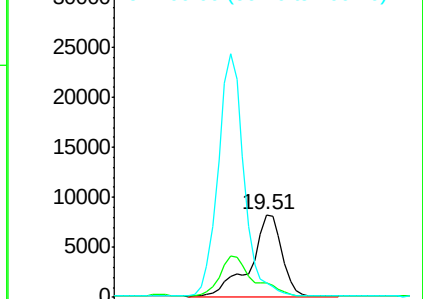
100 17.5 15.6 23.4



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: 0.04 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE093158.D

Acq: 14 Jun 2017 7:58

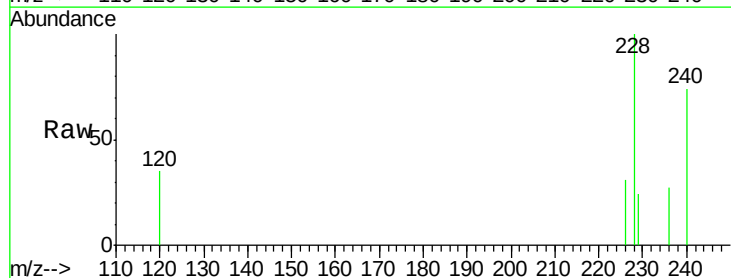
Tgt Ion:228 Resp: 4744

Ion Ratio Lower Upper

228 100

229 23.9 22.8 34.2

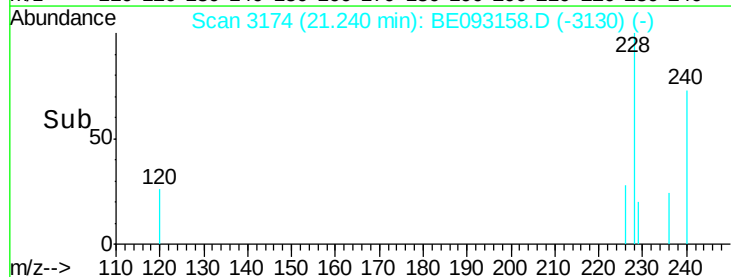
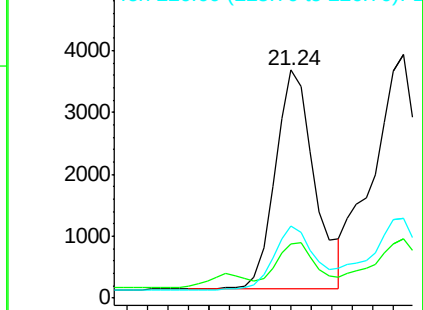
226 31.4 17.0 25.6#

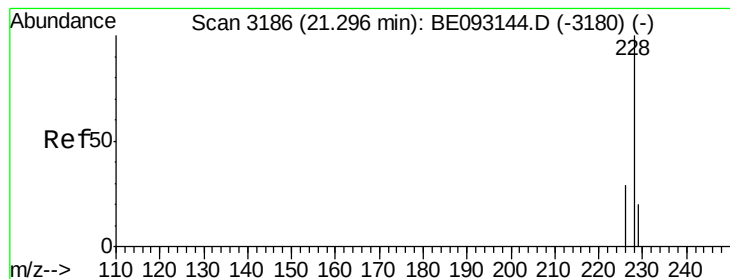


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.05 ng/ul

RT: 21.29 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BE093158.D

Acq: 14 Jun 2017 7:58

Instrument :

BNA_E

ClientSampleId :

F5A35

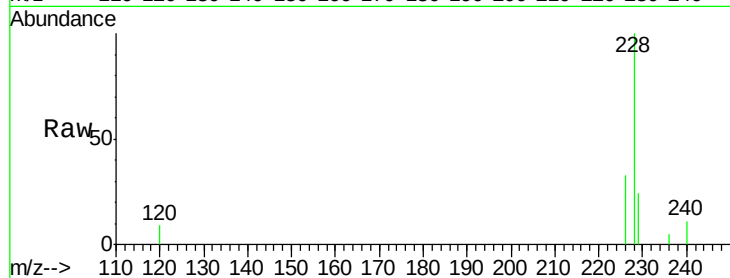
Tgt Ion:228 Resp: 5849

Ion Ratio Lower Upper

228 100

226 32.9 23.4 35.0

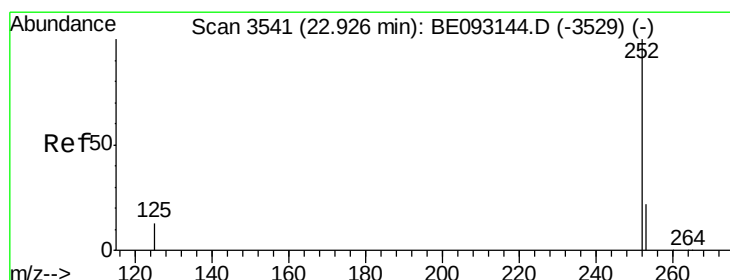
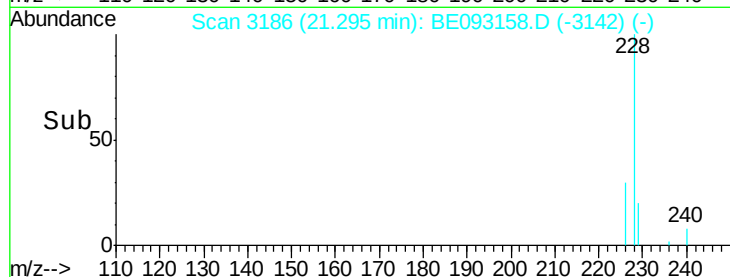
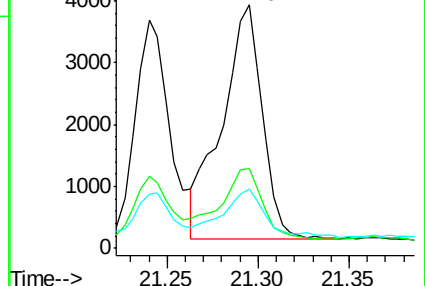
229 24.3 17.7 26.5



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: 0.09 ng/ul

RT: 22.93 min Scan# 3542

Delta R.T. 0.00 min

Lab File: BE093158.D

Acq: 14 Jun 2017 7:58

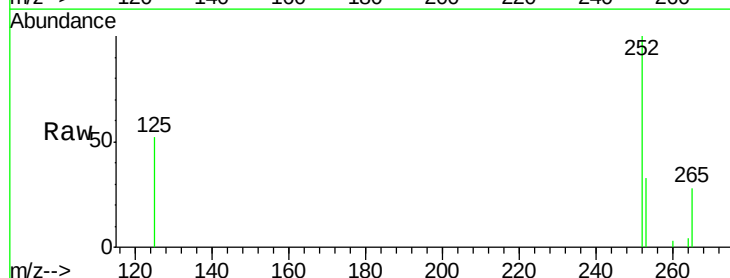
Tgt Ion:252 Resp: 11960

Ion Ratio Lower Upper

252 100

253 33.0 0.0 64.2

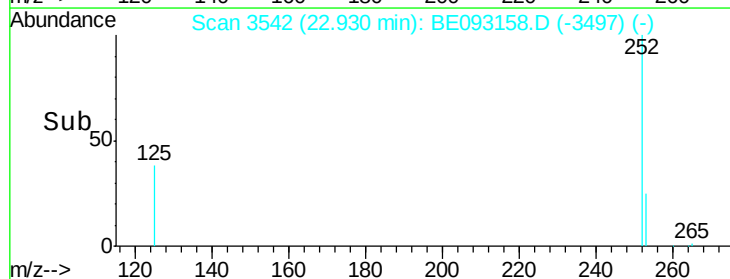
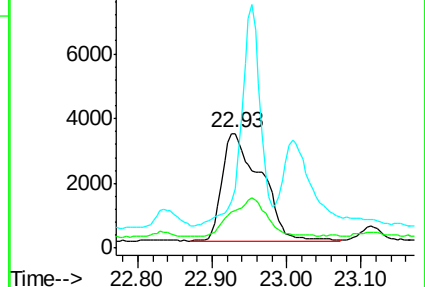
125 52.1 0.0 35.0#

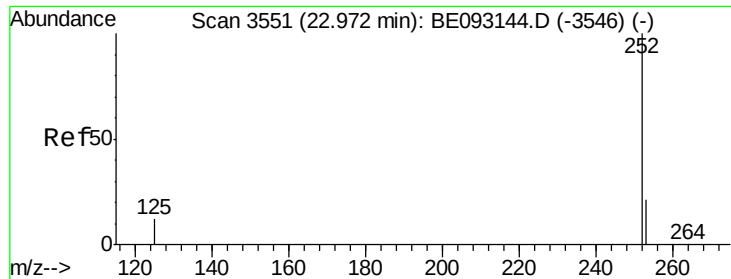


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.08 ng/ul

RT: 22.93 min Scan# 3542

Delta R.T. -0.04 min

Lab File: BE093158.D

Acq: 14 Jun 2017 7:58

Instrument :

BNA_E

ClientSampleId :

F5A35

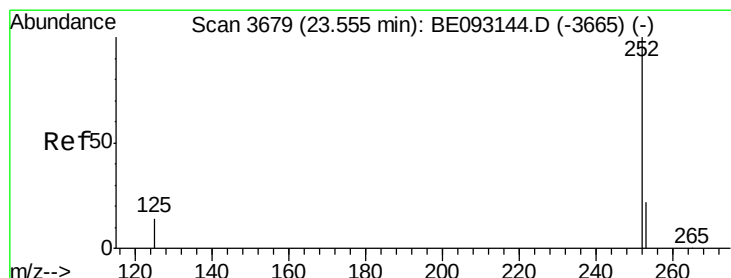
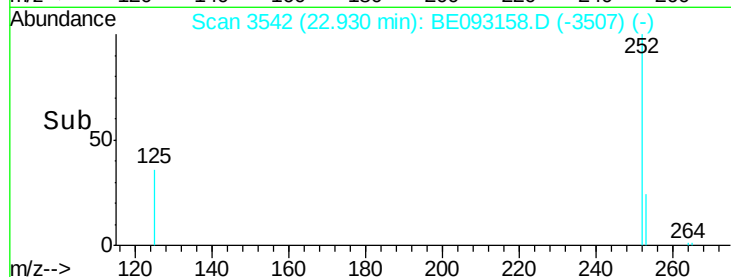
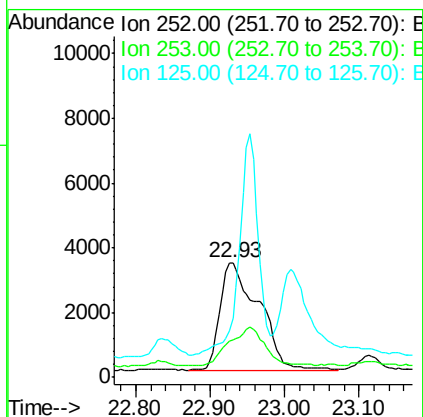
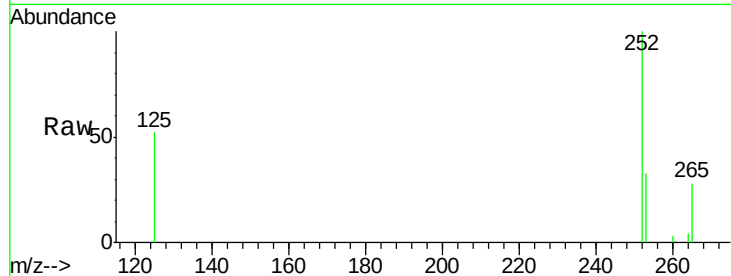
Tgt Ion:252 Resp: 11960

Ion Ratio Lower Upper

252 100

253 33.0 24.5 36.7

125 52.1 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.55 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BE093158.D

Acq: 14 Jun 2017 7:58

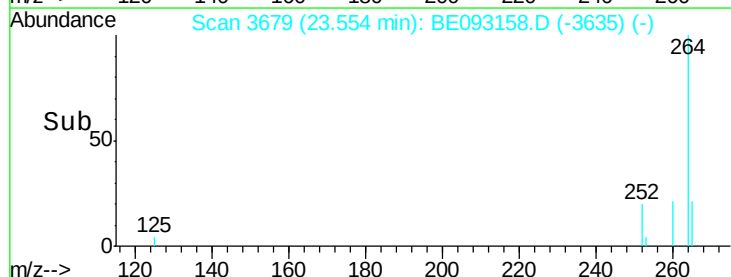
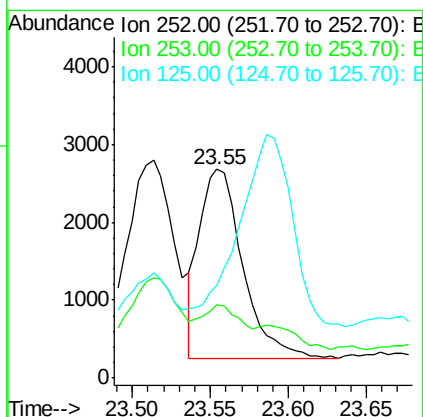
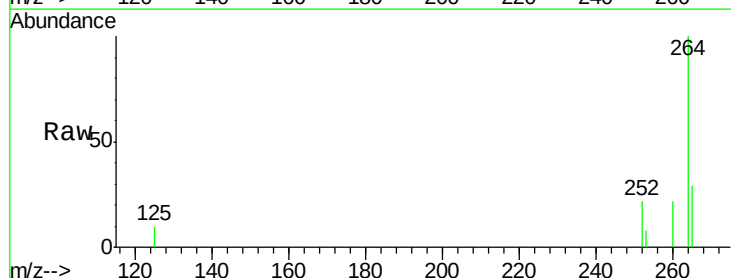
Tgt Ion:252 Resp: 4631

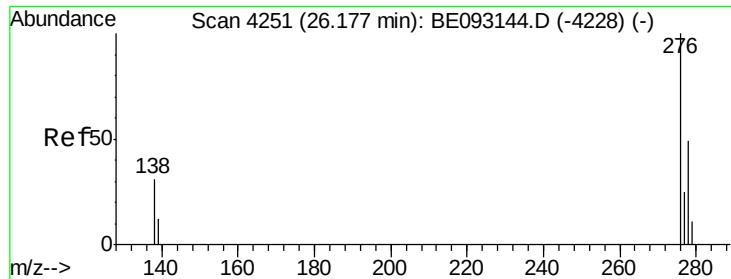
Ion Ratio Lower Upper

252 100

253 34.8 28.5 42.7

125 44.1 18.1 27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng/ul

RT: 26.18 min Scan# 4251

Delta R.T. -0.00 min

Lab File: BE093158.D

Acq: 14 Jun 2017 7:58

Instrument :

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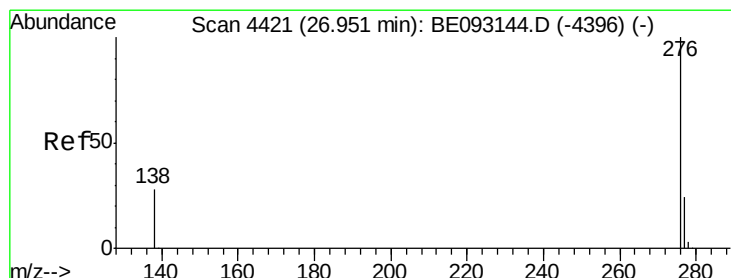
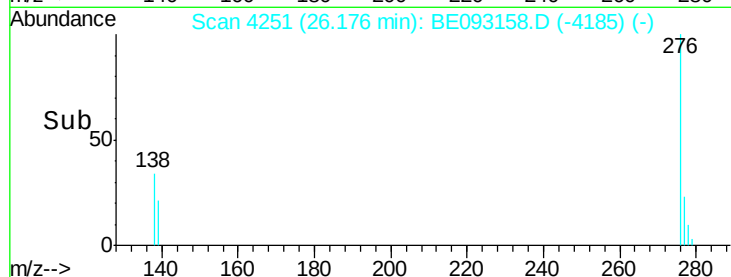
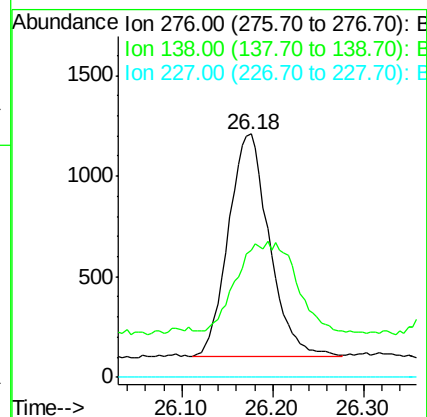
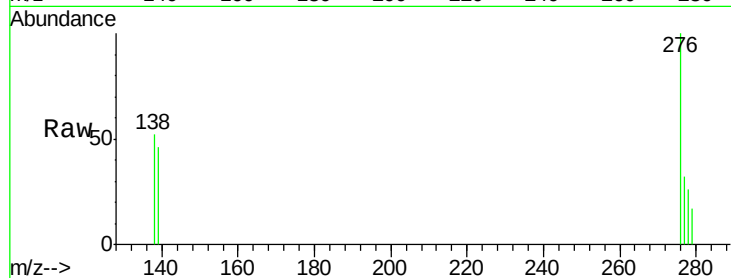
Tgt Ion:276 Resp: 3467

Ion Ratio Lower Upper

276 100

138 60.6 28.0 42.0#

227 0.0 8.0 12.0#



#26

Benzo(g,h,i)perylene

Concen: 0.02 ng/ul

RT: 26.95 min Scan# 4420

Delta R.T. -0.01 min

Lab File: BE093158.D

Acq: 14 Jun 2017 7:58

Tgt Ion:276 Resp: 3043

Ion Ratio Lower Upper

276 100

138 48.6 21.8 32.8#

277 32.9 20.5 30.7#

