

Data File : BE093165.D
Acq On : 14 Jun 2017 12:18
Operator : SJ/MA
Sample : I3520-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A41

Quant Time: Jun 15 02:27:13 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 02:27:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3536	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	17246	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10804	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	24778	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	26354	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	27732	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4483	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	12153	0.18	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.57	128	532	0.01	ng/ul#	67
12) Phenanthrene	17.14	178	3330	0.05	ng/ul#	91
13) Anthracene	17.22	178	654	0.01	ng/ul#	38
15) Fluoranthene	19.15	202	7443	0.09	ng/ul	84
17) Pyrene	19.51	202	8740	0.11	ng/ul	93
18) Benzo(a)anthracene	21.24	228	3137	0.04	ng/ul#	86
19) Chrysene	21.30	228	4642	0.06	ng/ul	94
21) Benzo(b)fluoranthene	22.93	252	7895	0.09	ng/ul#	85
22) Benzo(k)fluoranthene	22.93	252	7895	0.09	ng/ul#	84
23) Benzo(a)pyrene	23.56	252	3334	0.04	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.18	276	2703	0.03	ng/ul#	47
26) Benzo(g,h,i)perylene	26.94	276	2731	0.03	ng/ul#	80

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

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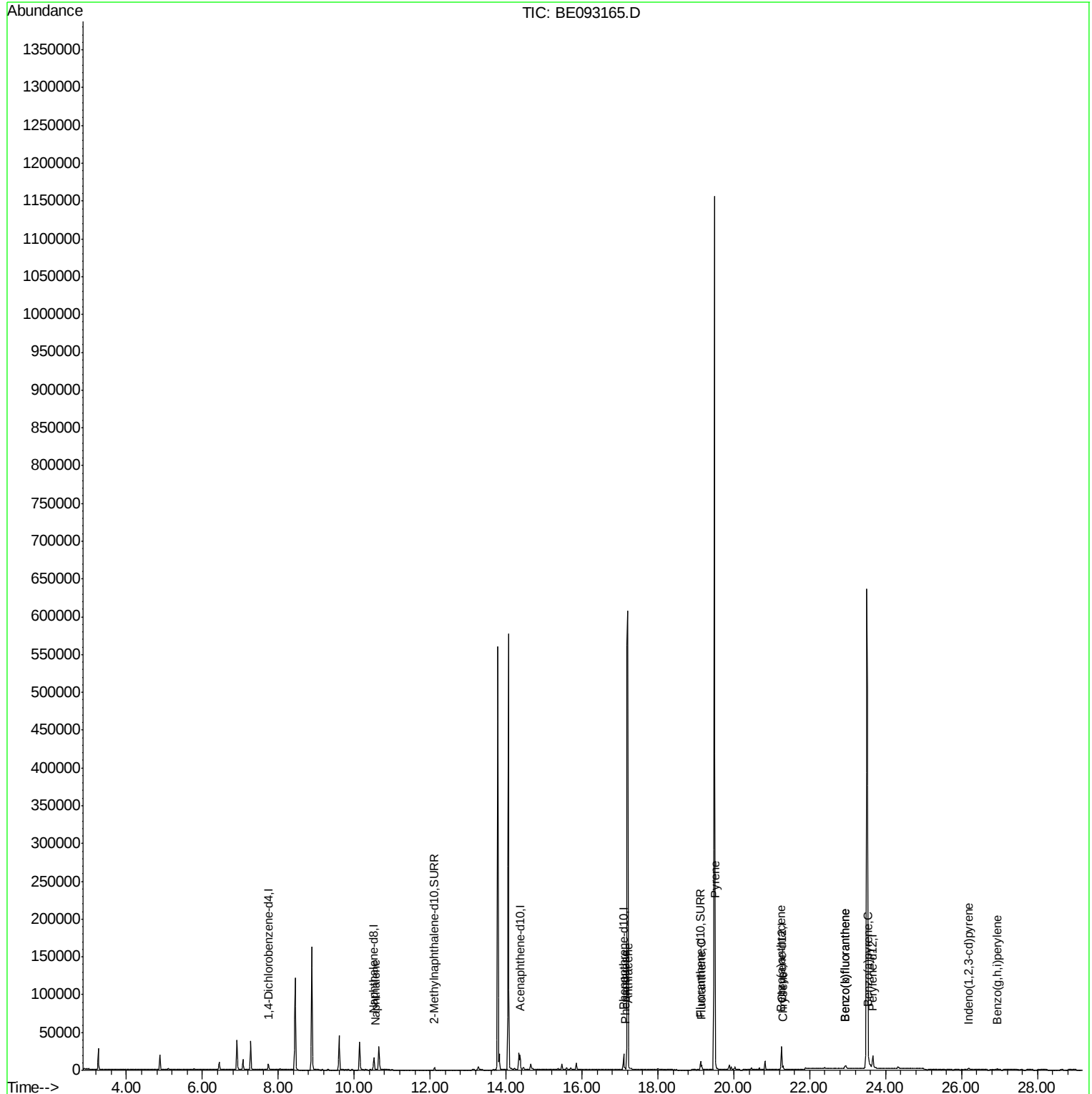
Quant Time: Jun 15 02:27:13 2017

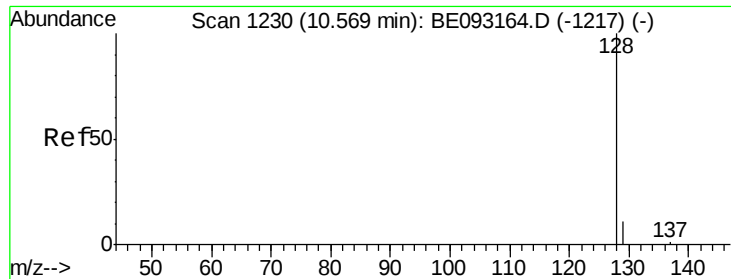
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 02:27:21 2017

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.01 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093165.D

Acq: 14 Jun 2017 12:18

Instrument :

BNA_E

ClientSampleId :

F5A41

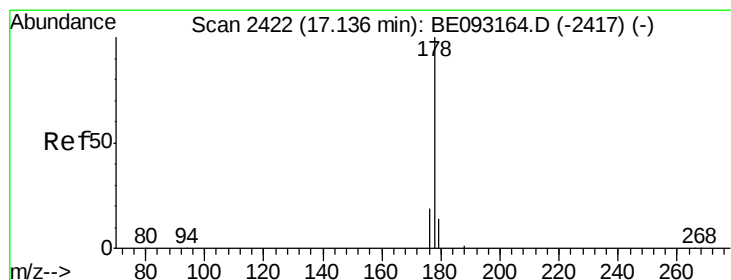
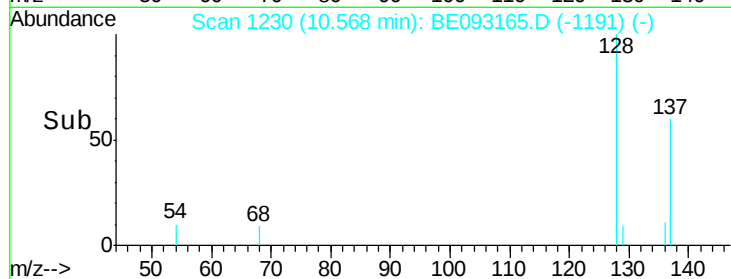
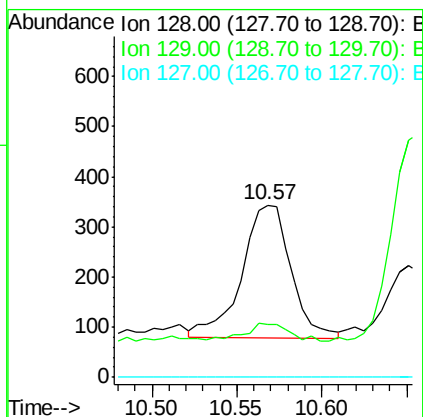
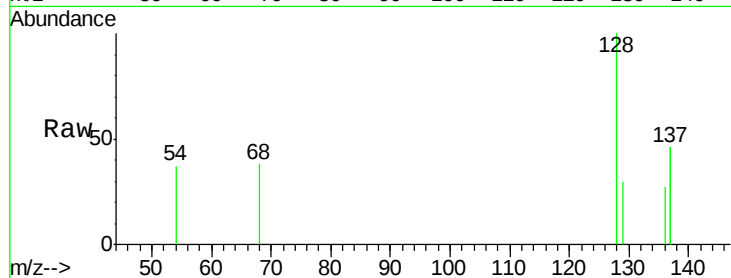
Tgt Ion:128 Resp: 532

Ion Ratio Lower Upper

128 100

129 30.3 11.3 16.9#

127 0.0 4.0 6.0#



#12

Phenanthrene

Concen: 0.05 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BE093165.D

Acq: 14 Jun 2017 12:18

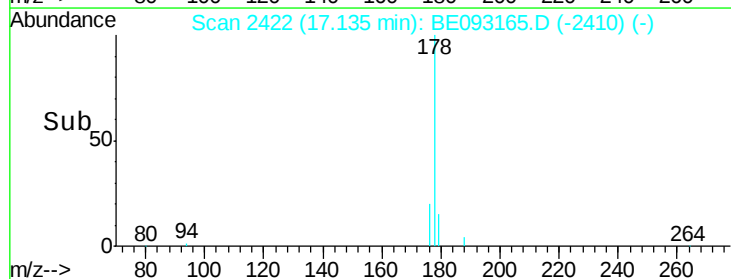
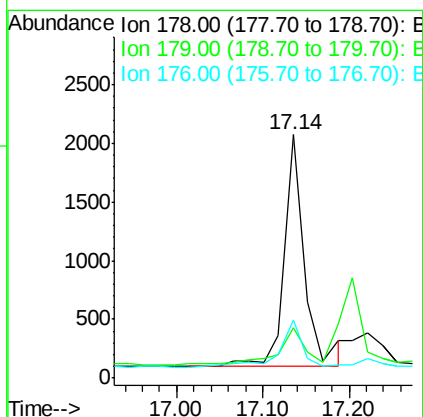
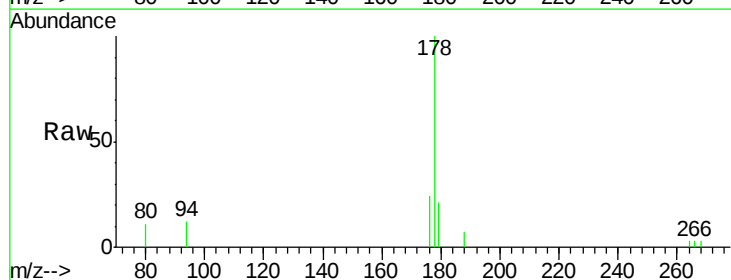
Tgt Ion:178 Resp: 3330

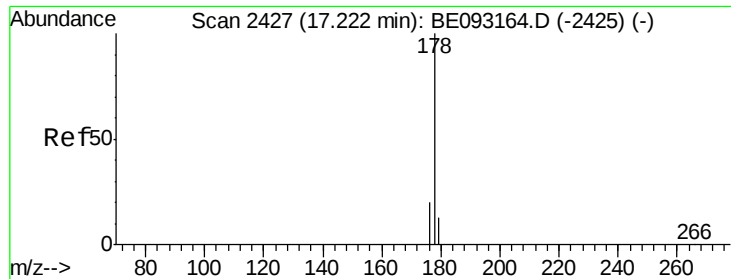
Ion Ratio Lower Upper

178 100

179 20.7 18.4 27.6

176 23.7 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: BE093165.D

Acq: 14 Jun 2017 12:18

Instrument :

BNA_E

ClientSampleId :

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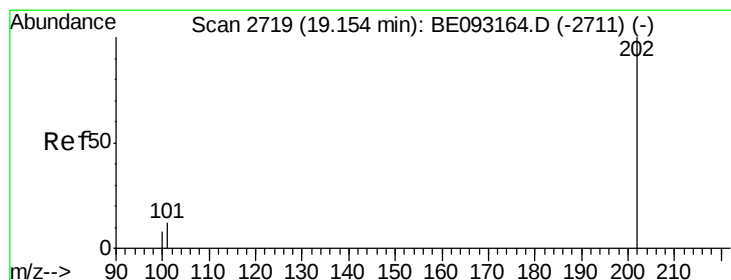
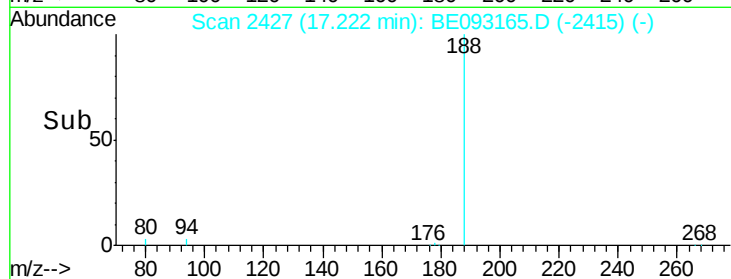
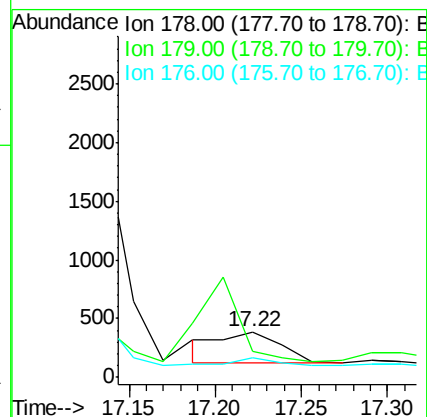
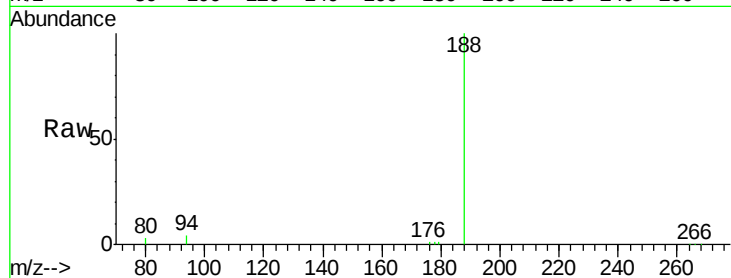
Tgt Ion:178 Resp: 654

Ion Ratio Lower Upper

178 100

179 55.9 18.1 27.1#

176 42.1 14.7 22.1#



#15

Fluoranthene

Concen: 0.09 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BE093165.D

Acq: 14 Jun 2017 12:18

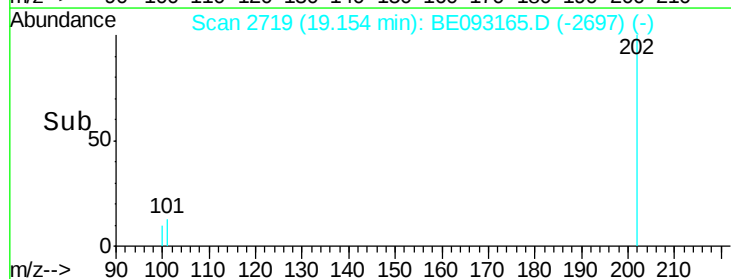
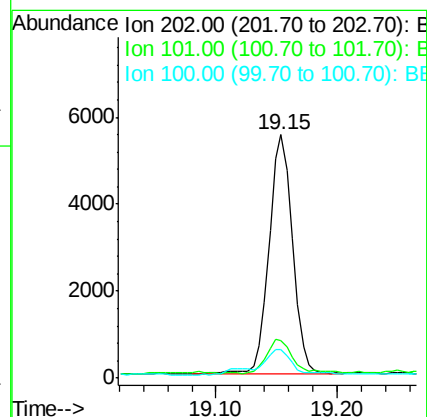
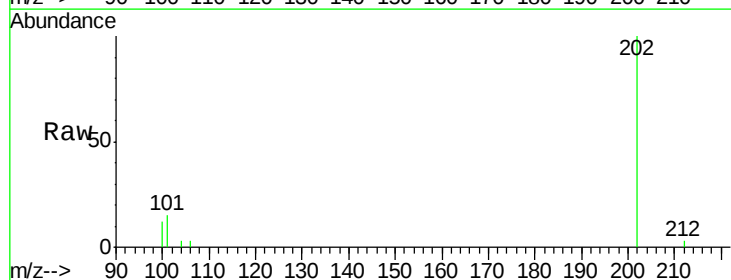
Tgt Ion:202 Resp: 7443

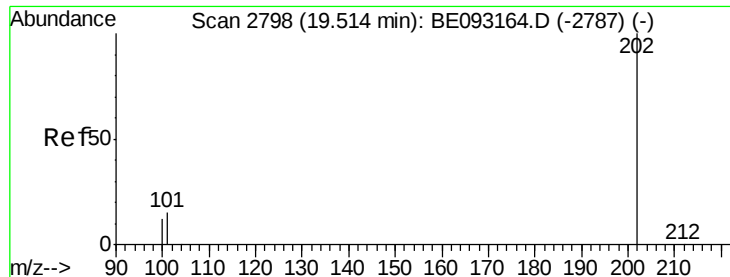
Ion Ratio Lower Upper

202 100

101 15.4 0.0 30.3

100 11.6 0.0 39.5





#17

Pyrene

Concen: 0.11 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE093165.D

Acq: 14 Jun 2017 12:18

Instrument :

BNA_E

ClientSampleId :

F5A41

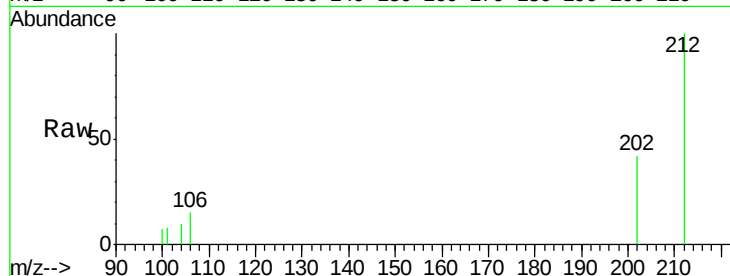
Tgt Ion:202 Resp: 8740

Ion Ratio Lower Upper

202 100

101 18.5 18.2 27.4

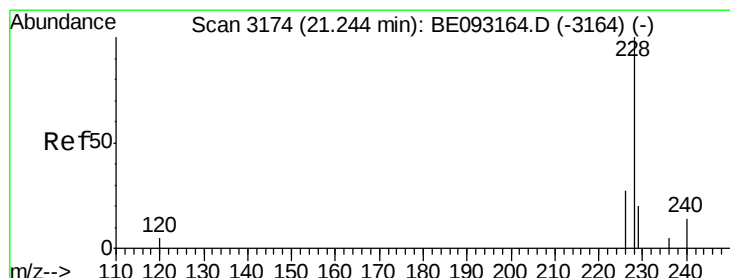
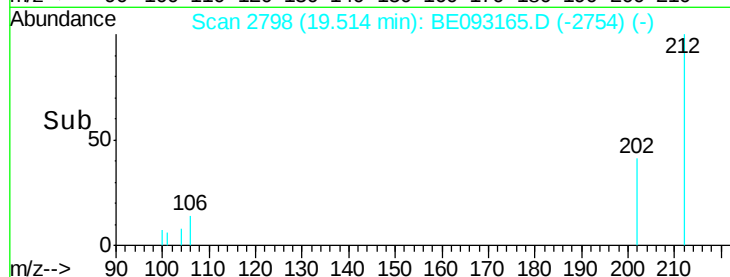
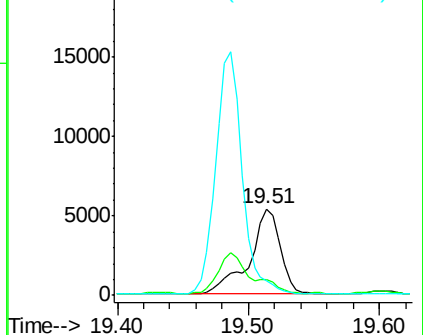
100 17.2 15.6 23.4



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: BE093165.D

Acq: 14 Jun 2017 12:18

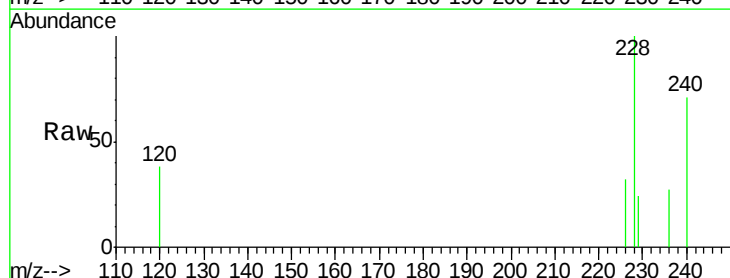
Tgt Ion:228 Resp: 3137

Ion Ratio Lower Upper

228 100

229 24.4 22.8 34.2

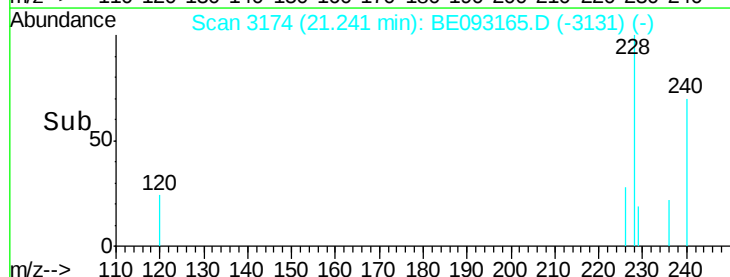
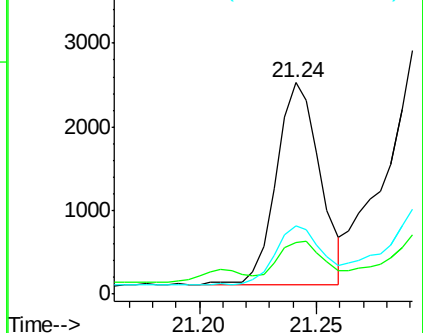
226 32.1 17.0 25.6#

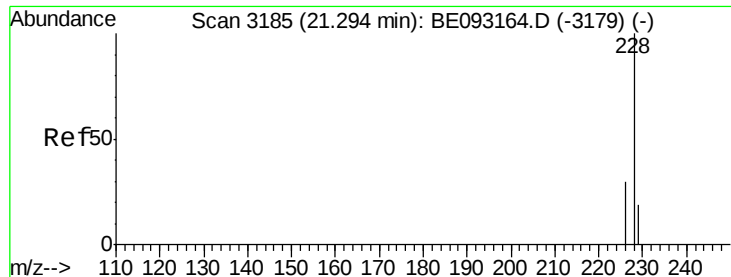


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.06 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093165.D

Acq: 14 Jun 2017 12:18

Instrument :

BNA_E

ClientSampleId :

F5A41

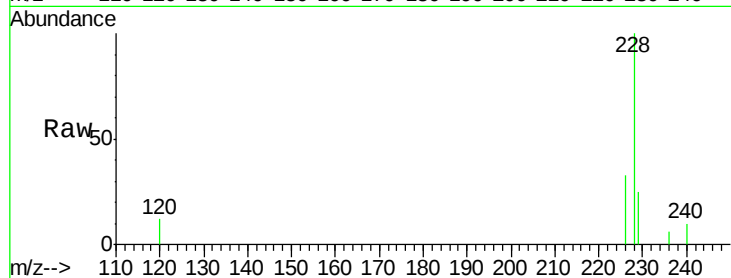
Tgt Ion:228 Resp: 4642

Ion Ratio Lower Upper

228 100

226 33.0 23.4 35.0

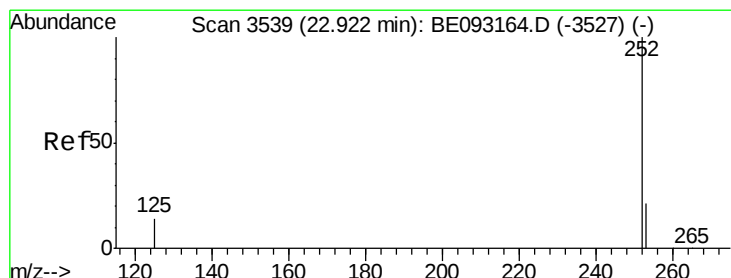
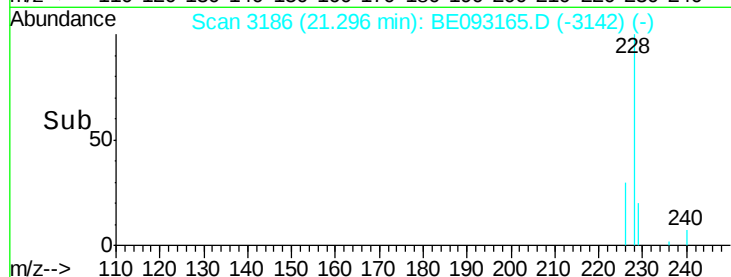
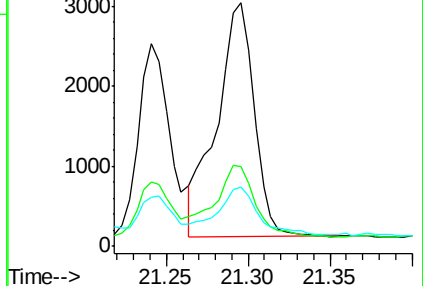
229 24.6 17.7 26.5



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: 0.09 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BE093165.D

Acq: 14 Jun 2017 12:18

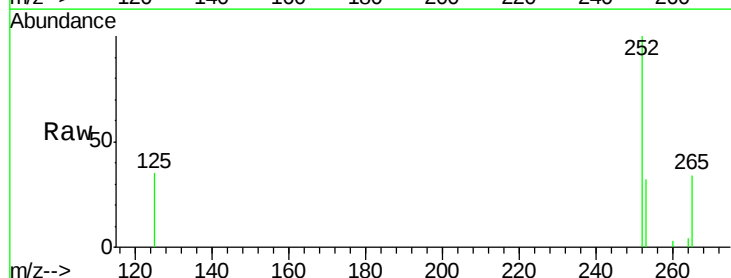
Tgt Ion:252 Resp: 7895

Ion Ratio Lower Upper

252 100

253 31.8 0.0 64.2

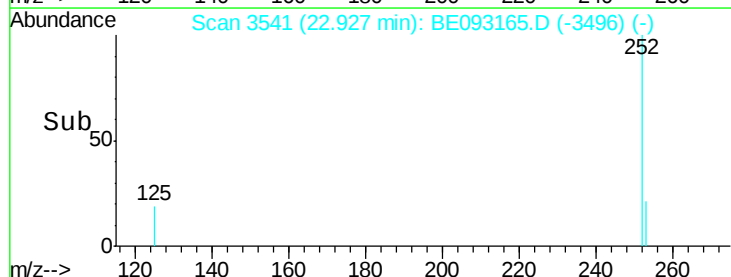
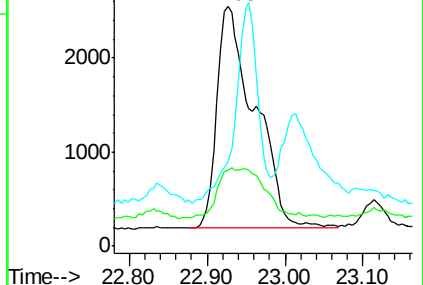
125 35.3 0.0 35.0#

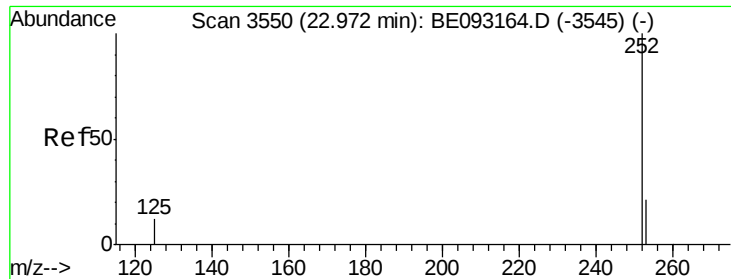


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.09 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. -0.05 min

Lab File: BE093165.D

Acq: 14 Jun 2017 12:18

Instrument :

BNA_E

ClientSampleId :

F5A41

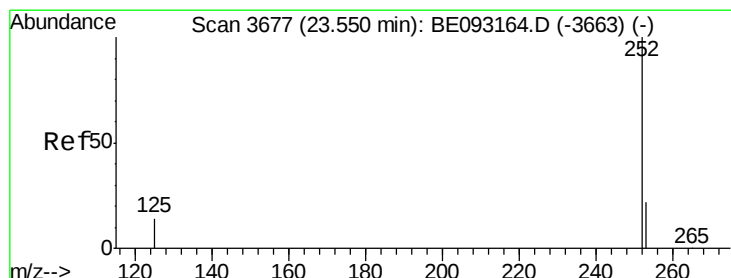
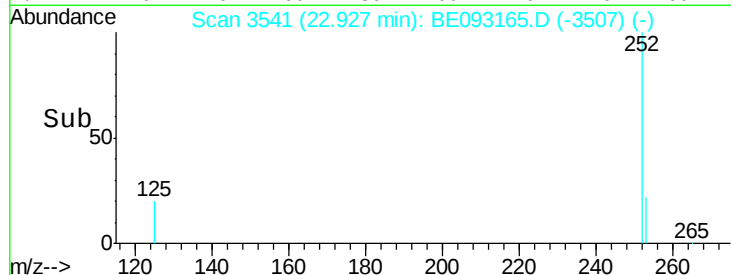
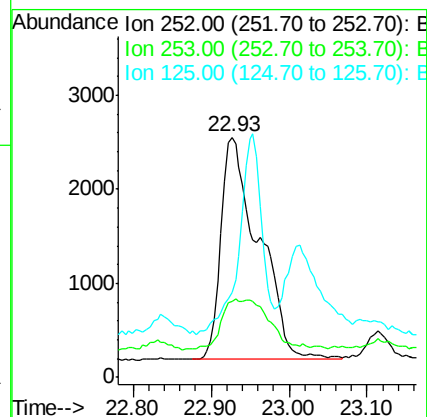
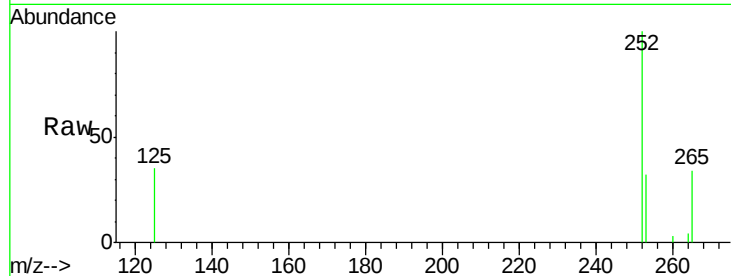
Tgt Ion:252 Resp: 7895

Ion Ratio Lower Upper

252 100

253 31.8 24.5 36.7

125 35.3 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.56 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BE093165.D

Acq: 14 Jun 2017 12:18

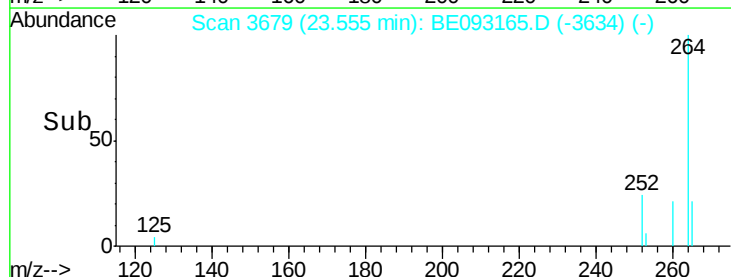
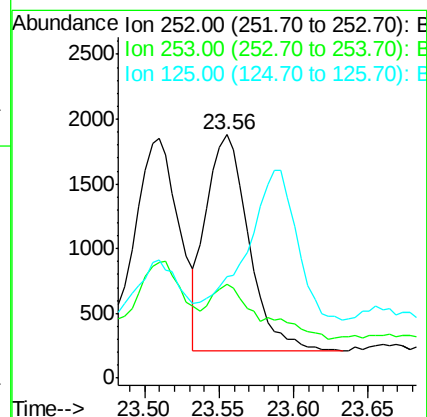
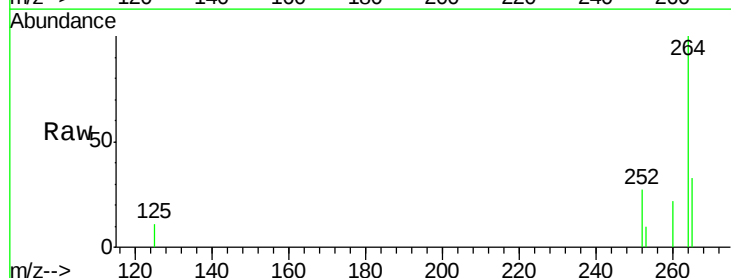
Tgt Ion:252 Resp: 3334

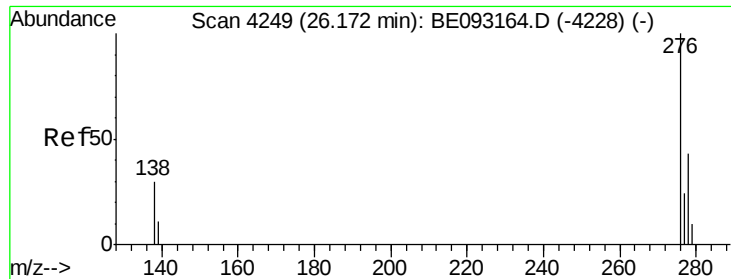
Ion Ratio Lower Upper

252 100

253 38.6 28.5 42.7

125 41.7 18.1 27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng/ul

RT: 26.18 min Scan# 4251

Delta R.T. 0.00 min

Lab File: BE093165.D

Acq: 14 Jun 2017 12:18

Instrument :

BNA_E

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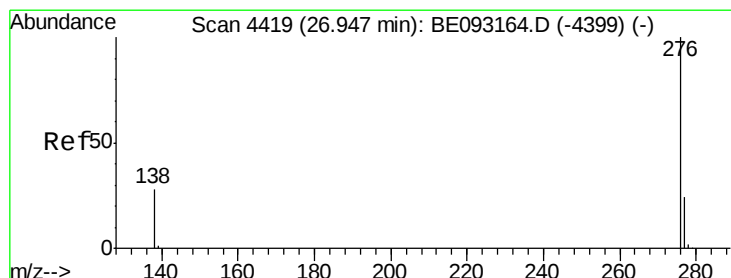
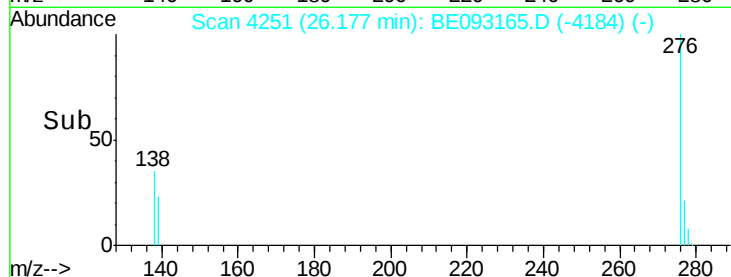
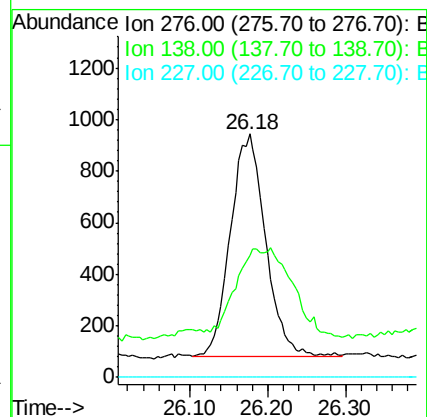
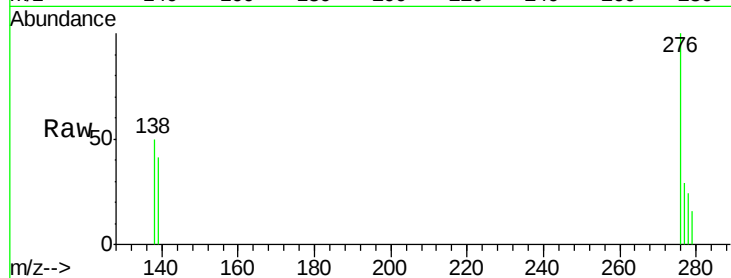
Tgt Ion:276 Resp: 2703

Ion Ratio Lower Upper

276 100

138 0.0 28.0 42.0#

227 0.0 8.0 12.0#



#26

Benzo(g,h,i)perylene

Concen: 0.03 ng/ul

RT: 26.94 min Scan# 4419

Delta R.T. -0.00 min

Lab File: BE093165.D

Acq: 14 Jun 2017 12:18

Tgt Ion:276 Resp: 2731

Ion Ratio Lower Upper

276 100

138 42.0 21.8 32.8#

277 31.2 20.5 30.7#

