

Data File : BE093186.D
Acq On : 15 Jun 2017 1:17
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C66

Quant Time: Jun 15 04:01:07 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	3848	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	20337	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12889	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	29592	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	29606	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	1270531	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	6979	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	18909	0.23	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	14666	0.29	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	3370	0.10	ng/ul	98
7) Acenaphthylene	14.09	152	105917	1.91	ng/ul	96
8) Acenaphthene	14.43	153	2731	0.06	ng/ul	97
9) Fluorene	15.42	166	3363	0.06	ng/ul	93
12) Phenanthrene	17.14	178	66190	0.81	ng/ul#	87
13) Anthracene	17.22	178	105809	1.49	ng/ul#	85
15) Fluoranthene	19.15	202	563070	5.64	ng/ul	84
17) Pyrene	19.52	202	728437	8.34	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	388324	4.92	ng/ul#	84
19) Chrysene	21.30	228	675043	8.24	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	1694929	0.44	ng/ul	88
22) Benzo(k)fluoranthene	22.94	252	2175639	0.53	ng/ul#	89
23) Benzo(a)pyrene	23.46	252	857651	0.24	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.92	276	128926	0.03	ng/ul#	69
26) Benzo(g,h,i)perylene	26.97	276	473950	0.13	ng/ul	97

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

Data File : BE093186.D

Acq On : 15 Jun 2017 1:17

Operator : SJ/MA

Sample : I3522-01

Misc :

ALS Vial : 23 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C66

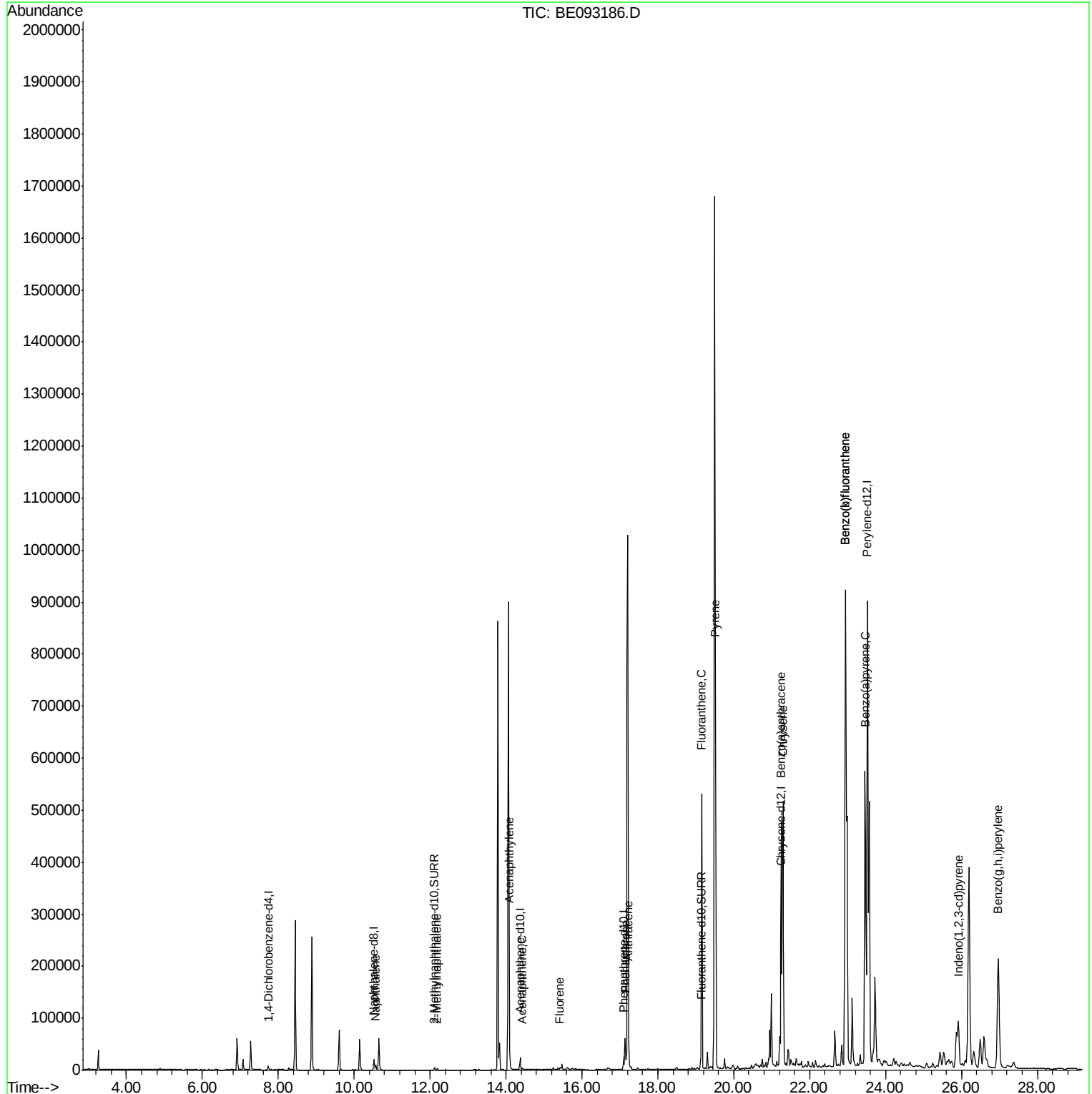
Quant Time: Jun 15 04:01:07 2017

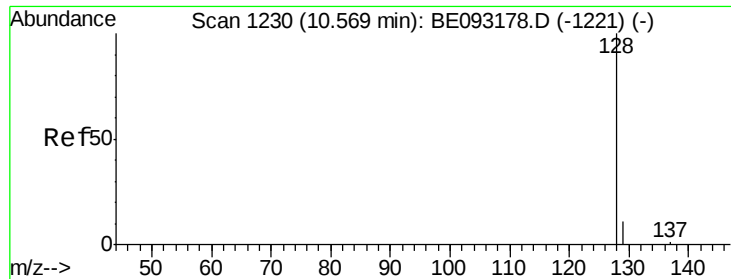
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.29 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

Instrument :

BNA_E

ClientSampleId :

F5C66

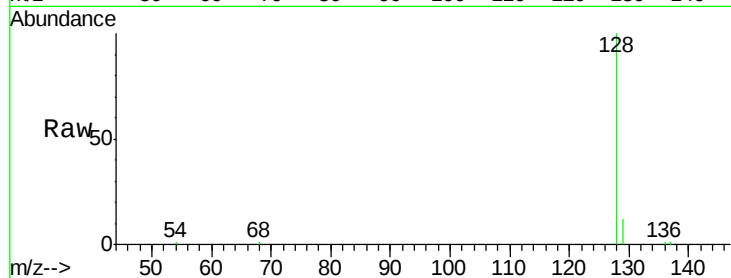
Tgt Ion:128 Resp: 14666

Ion Ratio Lower Upper

128 100

129 11.6 11.3 16.9

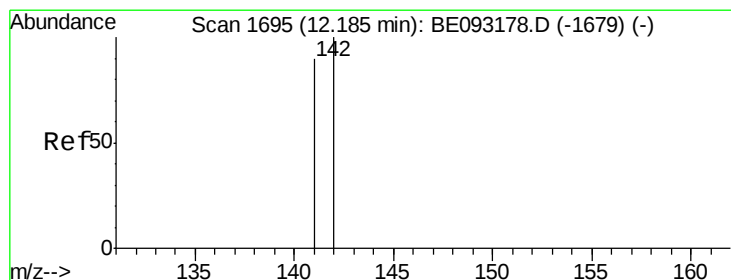
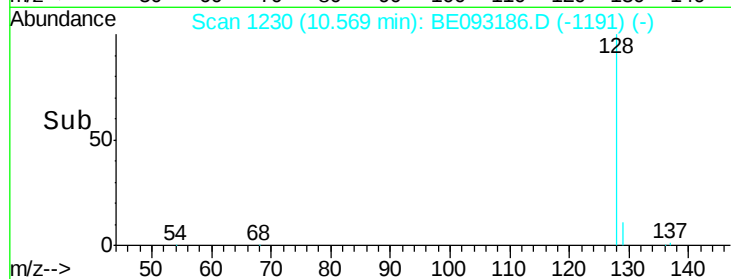
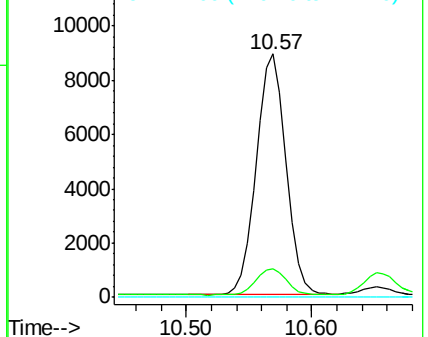
127 0.0 4.0 6.0#



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: 0.10 ng/ul

RT: 12.18 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BE093186.D

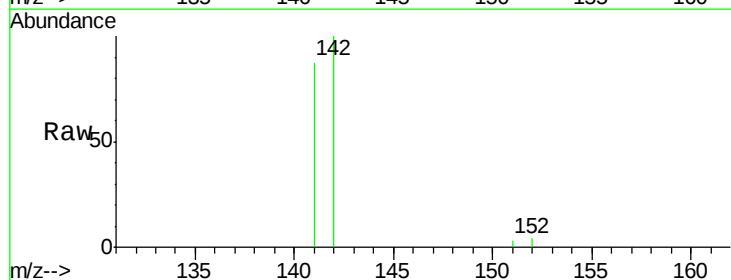
Acq: 15 Jun 2017 1:17

Tgt Ion:142 Resp: 3370

Ion Ratio Lower Upper

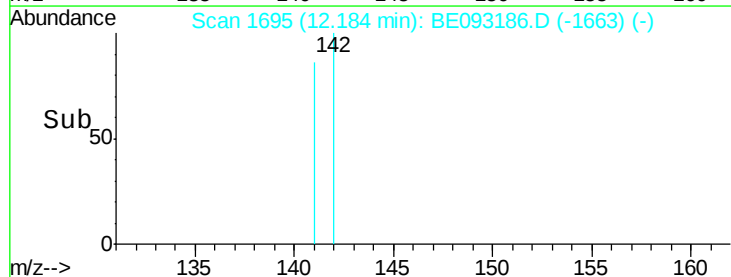
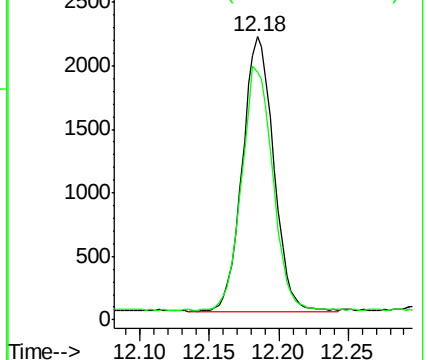
142 100

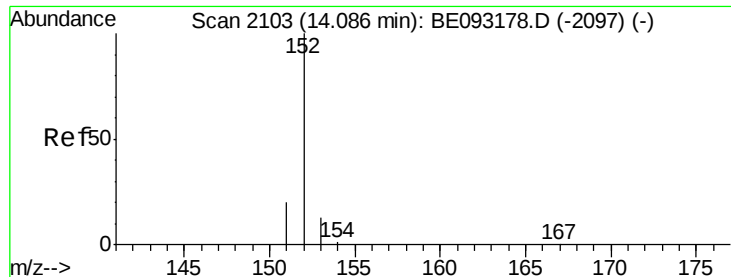
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.91 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

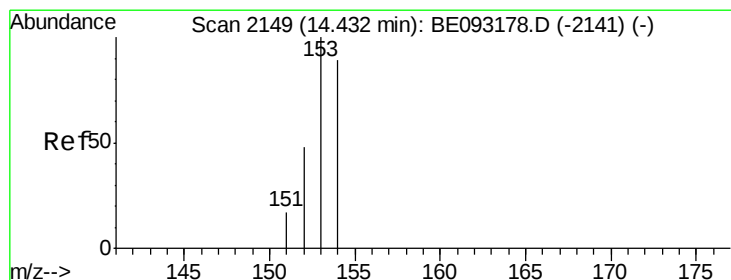
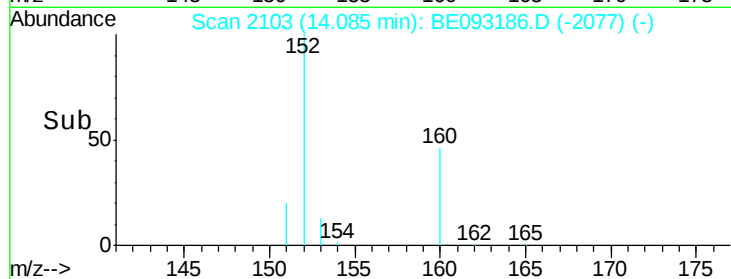
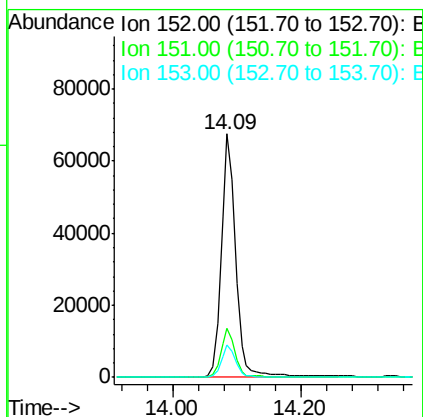
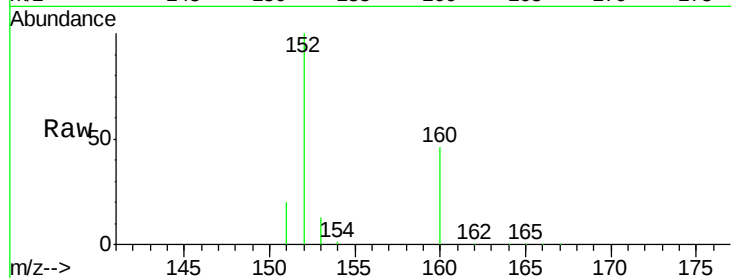
Instrument :

BNA_E

ClientSampleId :

F5C66

Tgt Ion:	152	Resp:	105917
Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.1	25.7
153	13.3	12.8	19.2



#8

Acenaphthene

Concen: 0.06 ng/ul

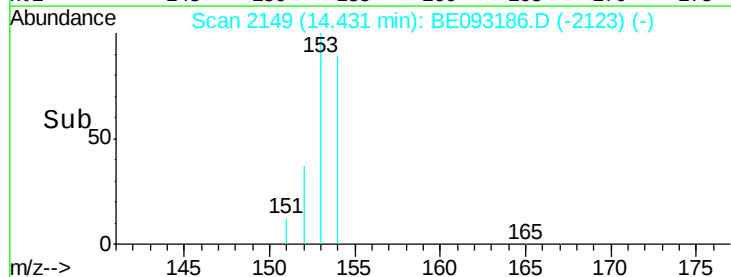
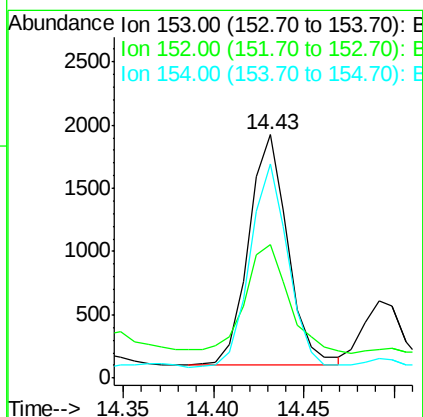
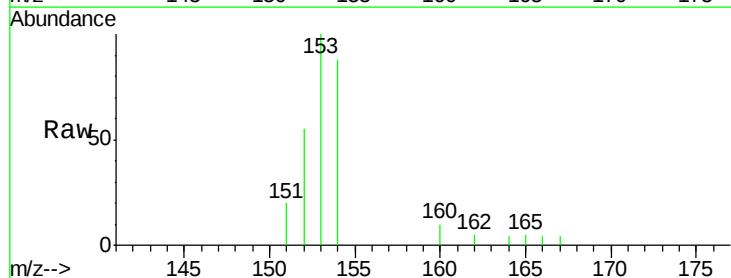
RT: 14.43 min Scan# 2149

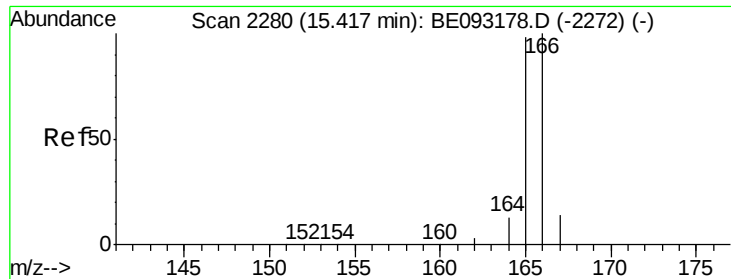
Delta R.T. -0.00 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

Tgt Ion:	153	Resp:	2731
Ion	Ratio	Lower	Upper
153	100		
152	55.1	40.3	60.5
154	87.8	71.4	107.2





#9

Fluorene

Concen: 0.06 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

Instrument :

BNA_E

ClientSampleId :

F5C66

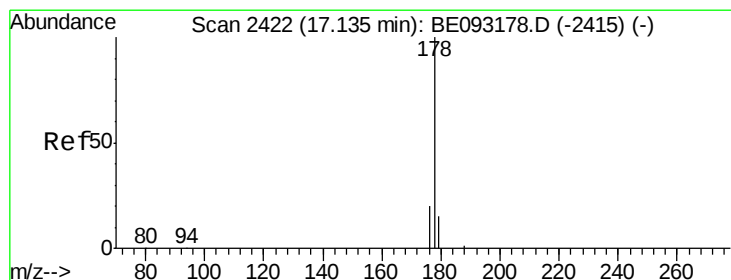
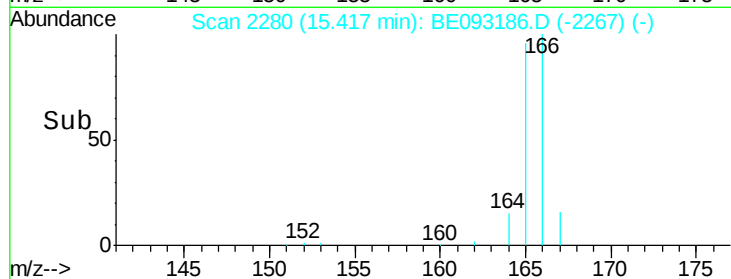
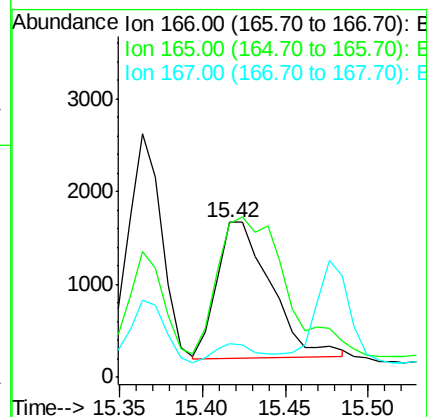
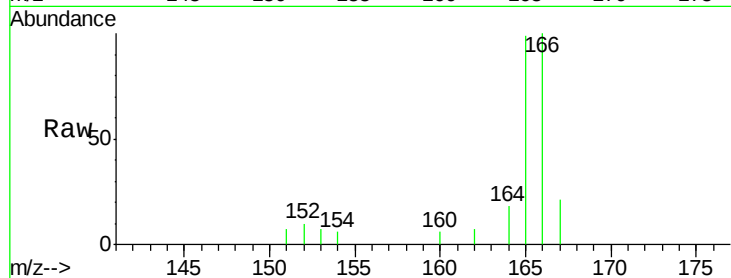
Tgt Ion:166 Resp: 3363

Ion Ratio Lower Upper

166 100

165 98.9 73.4 110.2

167 21.3 14.6 22.0



#12

Phenanthrene

Concen: 0.81 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

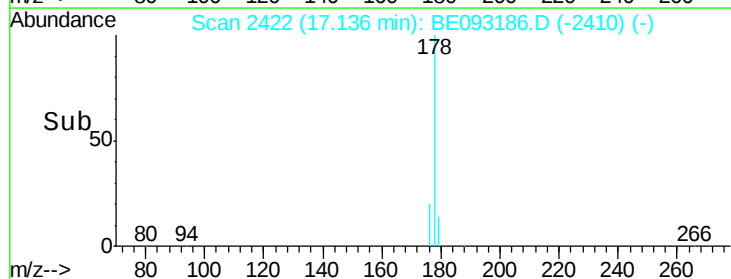
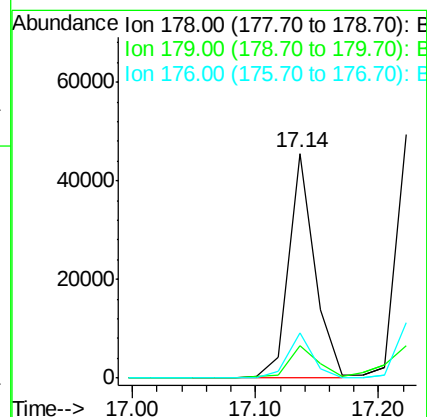
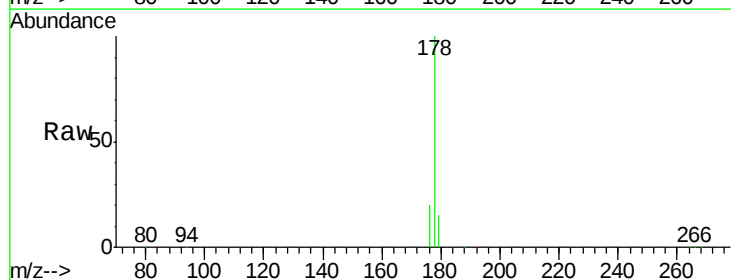
Tgt Ion:178 Resp: 66190

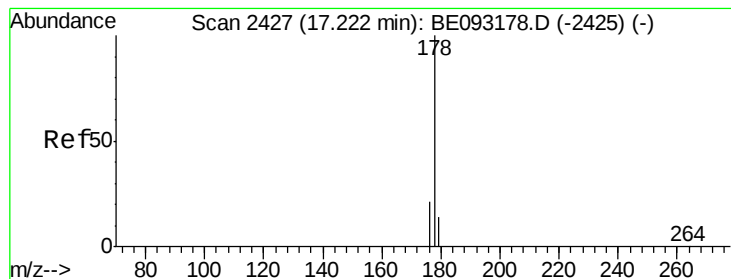
Ion Ratio Lower Upper

178 100

179 14.7 18.4 27.6#

176 20.2 13.6 20.4





#13

Anthracene

Concen: 1.49 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

Instrument :

BNA_E

ClientSampleId :

F5C66

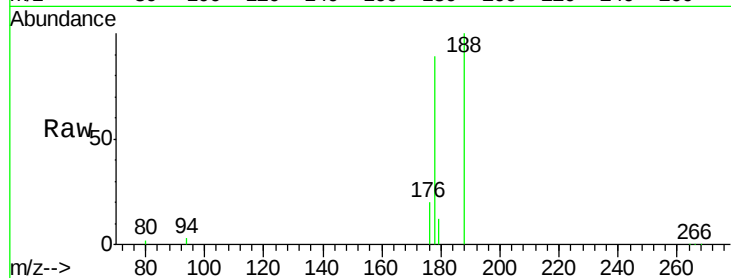
Tgt Ion:178 Resp: 105809

Ion Ratio Lower Upper

178 100

179 13.3 18.1 27.1#

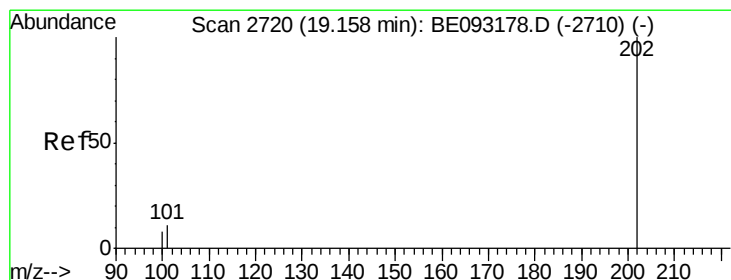
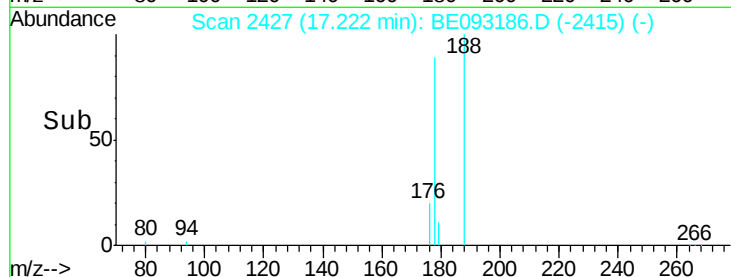
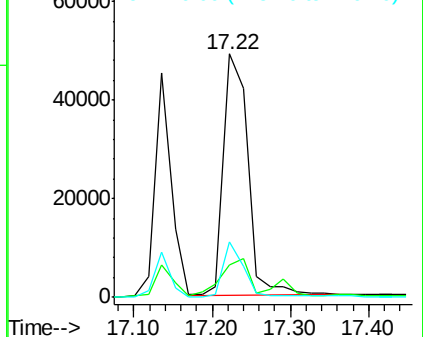
176 22.7 14.7 22.1#



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: 5.64 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

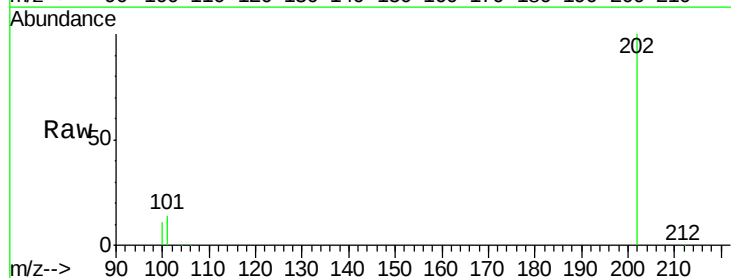
Tgt Ion:202 Resp: 563070

Ion Ratio Lower Upper

202 100

101 14.4 0.0 30.3

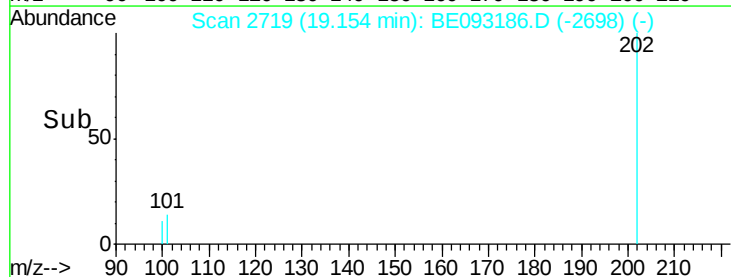
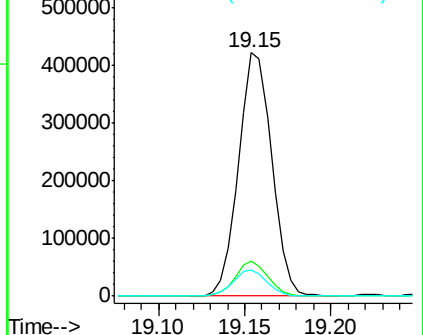
100 10.9 0.0 39.5

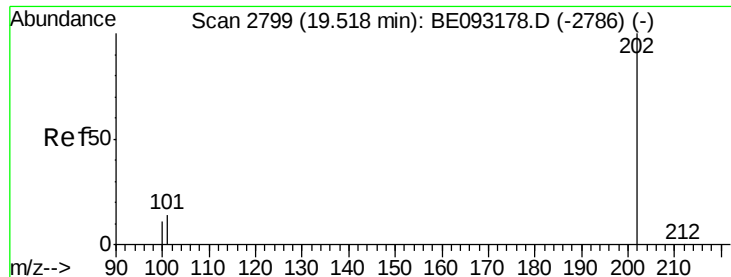


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#17

Pyrene

Concen: 8.34 ng/ul

RT: 19.52 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

Instrument :

BNA_E

ClientSampleId :

F5C66

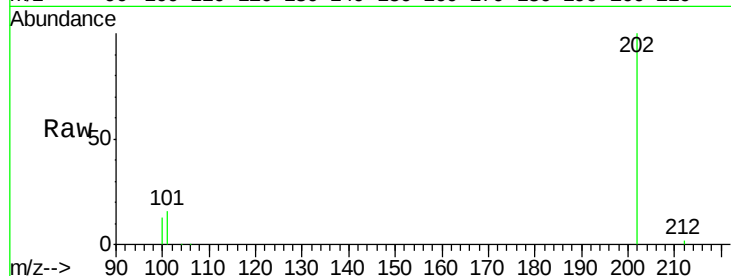
Tgt Ion:202 Resp: 728437

Ion Ratio Lower Upper

202 100

101 16.0 18.2 27.4#

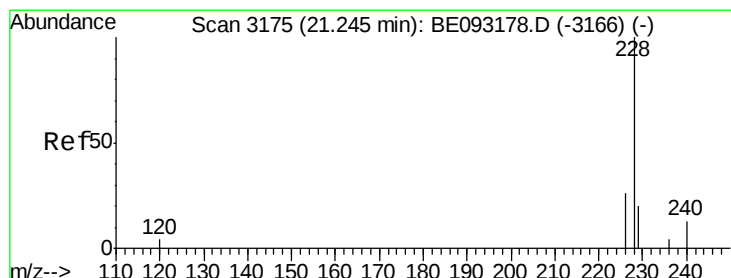
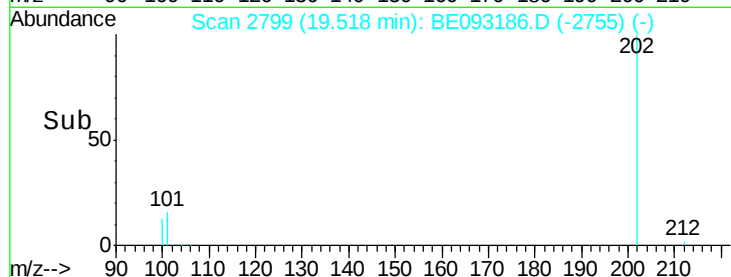
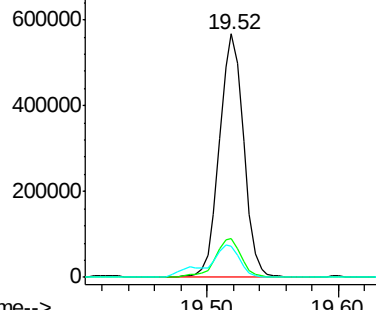
100 12.9 15.6 23.4#



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: 4.92 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

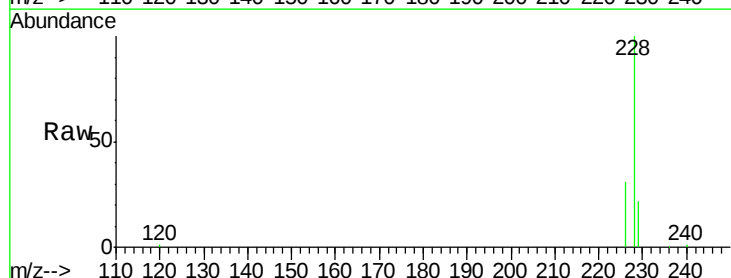
Tgt Ion:228 Resp: 388324

Ion Ratio Lower Upper

228 100

229 21.9 22.8 34.2#

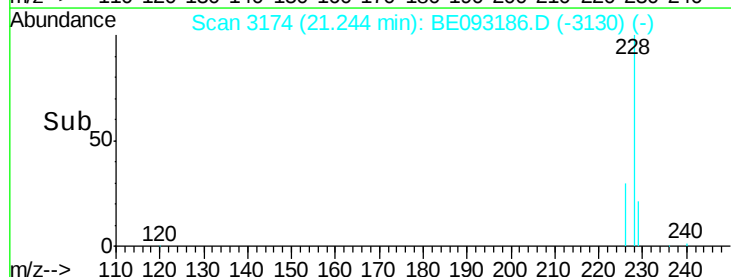
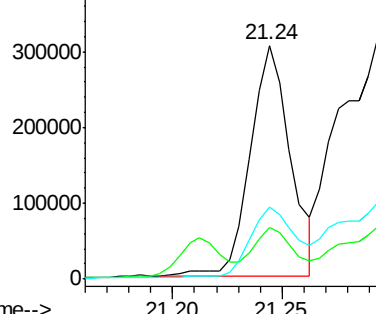
226 30.7 17.0 25.6#

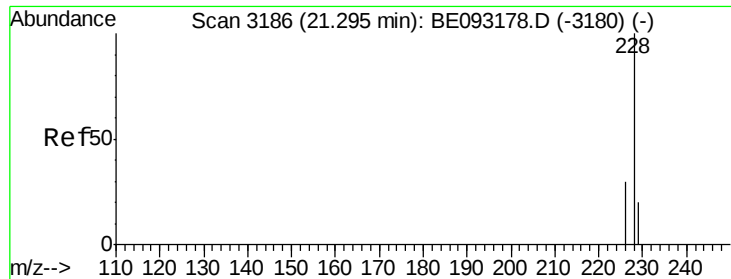


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 8.24 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

Instrument :

BNA_E

ClientSampleId :

F5C66

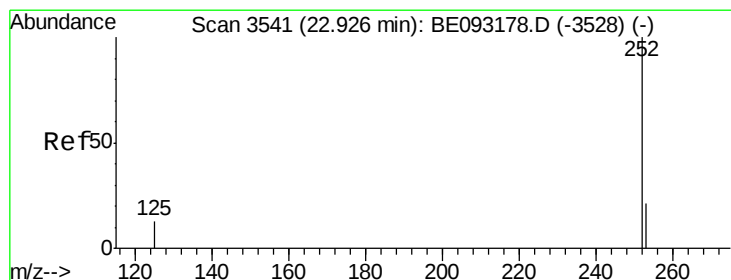
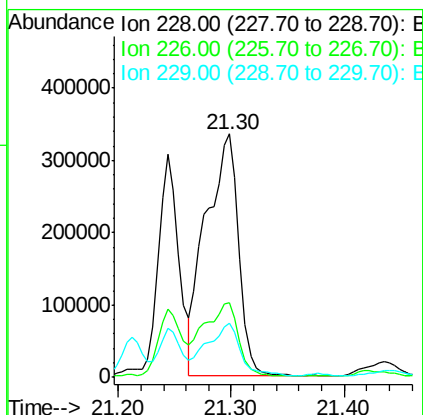
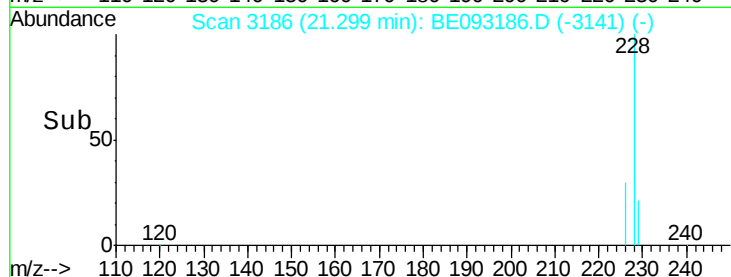
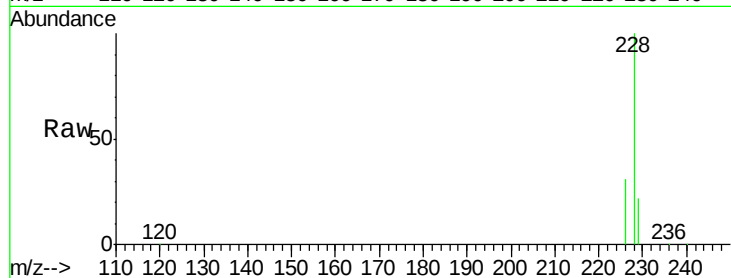
Tgt Ion:228 Resp: 675043

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.0

229 22.3 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 0.44 ng/ul

RT: 22.94 min Scan# 3543

Delta R.T. 0.01 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

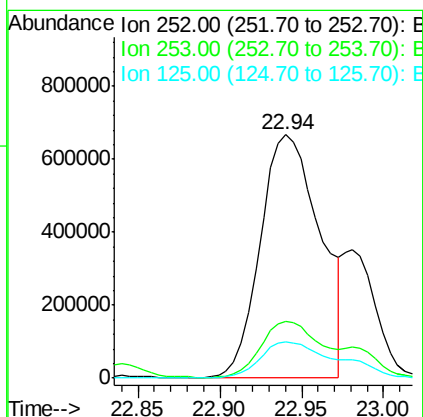
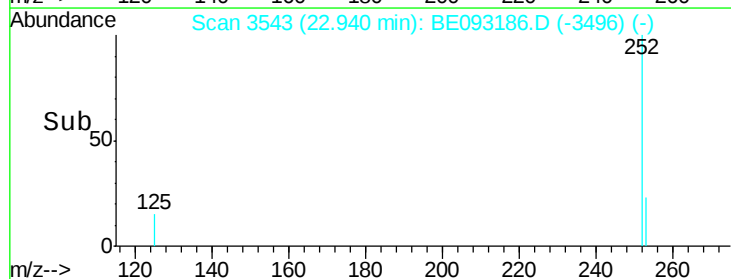
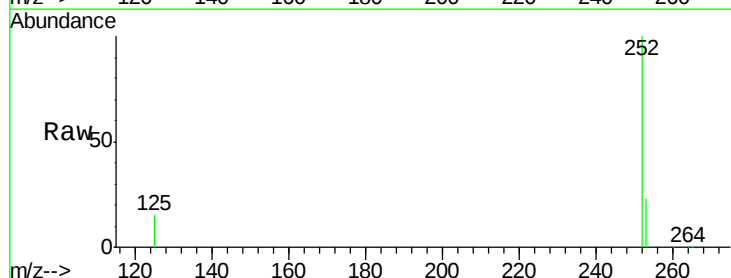
Tgt Ion:252 Resp: 1694929

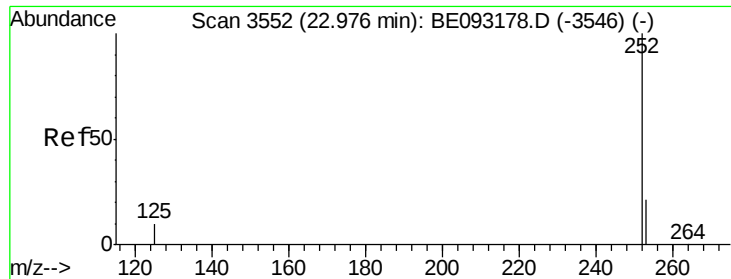
Ion Ratio Lower Upper

252 100

253 23.2 0.0 64.2

125 14.9 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 0.53 ng/u1

RT: 22.94 min Scan# 3543

Delta R.T. -0.04 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

Instrument :

BNA_E

ClientSampleId :

F5C66

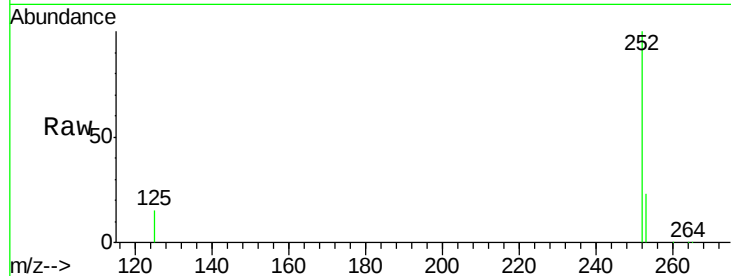
Tgt Ion:252 Resp: 2175639

Ion Ratio Lower Upper

252 100

253 23.2 24.5 36.7#

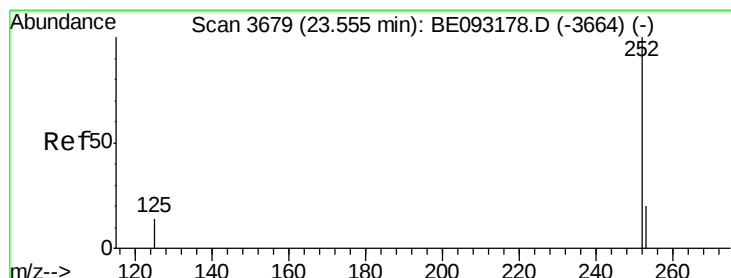
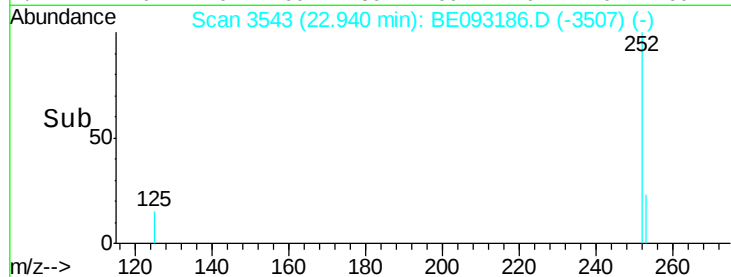
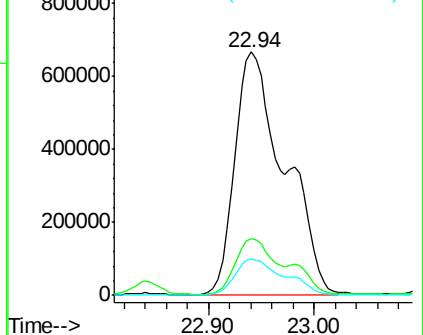
125 14.9 13.7 20.5



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: 0.24 ng/u1

RT: 23.46 min Scan# 3657

Delta R.T. -0.10 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

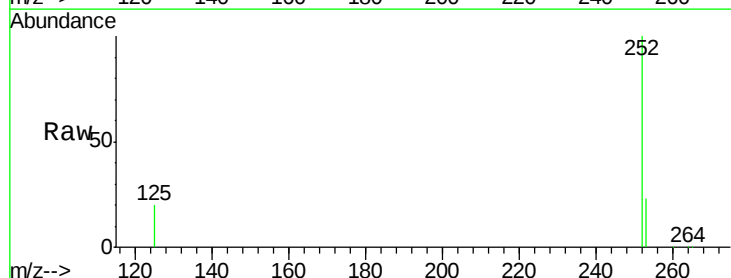
Tgt Ion:252 Resp: 857651

Ion Ratio Lower Upper

252 100

253 23.0 28.5 42.7#

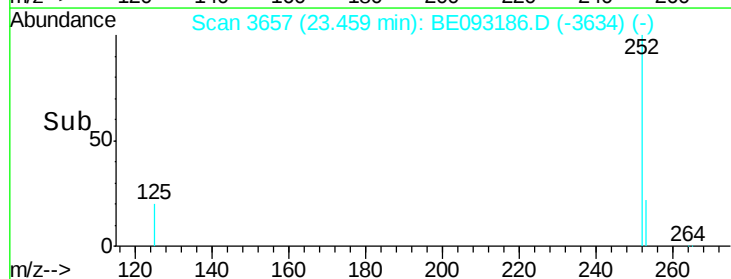
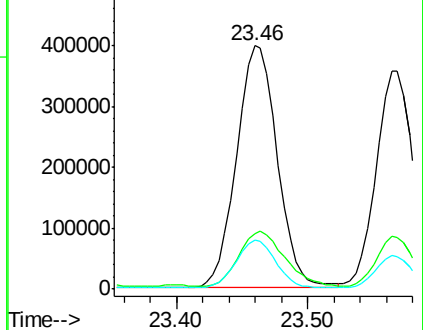
125 20.1 18.1 27.1

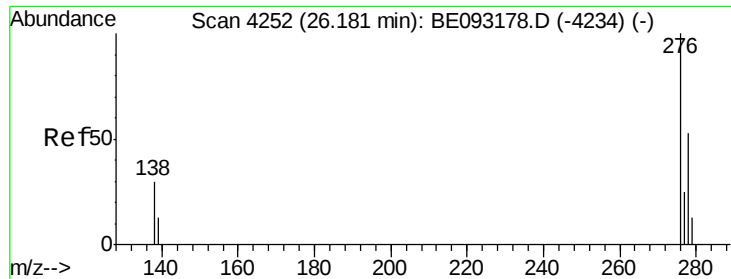


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng/ul

RT: 25.92 min Scan# 4193

Delta R.T. -0.26 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

Instrument :

BNA_E

ClientSampleId :

F5C66

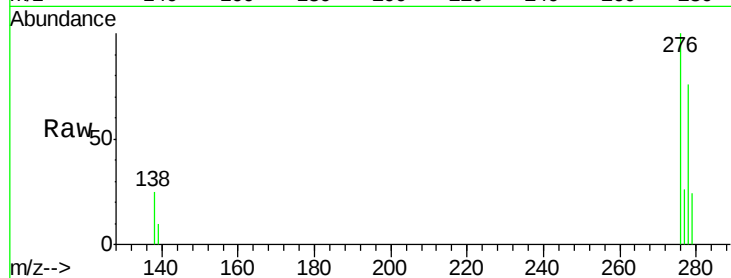
Tgt Ion:276 Resp: 128926

Ion Ratio Lower Upper

276 100

138 16.4 28.0 42.0#

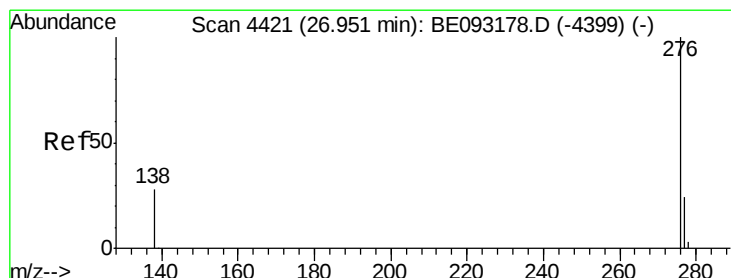
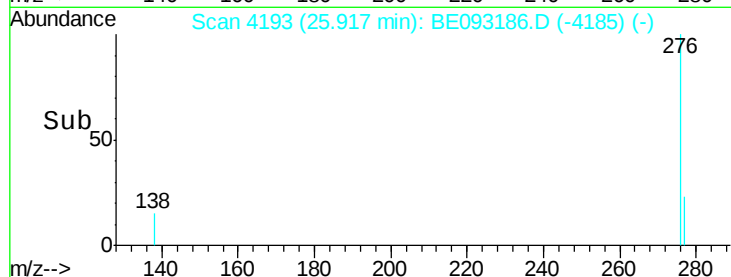
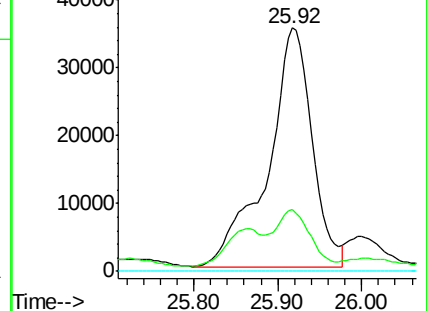
227 0.0 8.0 12.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.13 ng/ul

RT: 26.97 min Scan# 4424

Delta R.T. 0.02 min

Lab File: BE093186.D

Acq: 15 Jun 2017 1:17

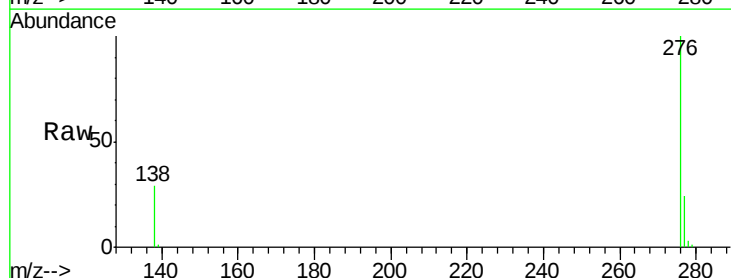
Tgt Ion:276 Resp: 473950

Ion Ratio Lower Upper

276 100

138 29.1 21.8 32.8

277 24.4 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

