

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096111.D
 Acq On : 24 Apr 2018 6:48
 Operator : SJ/JU
 Sample : J2434-17DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD2DL

Quant Time: Apr 24 11:03:51 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

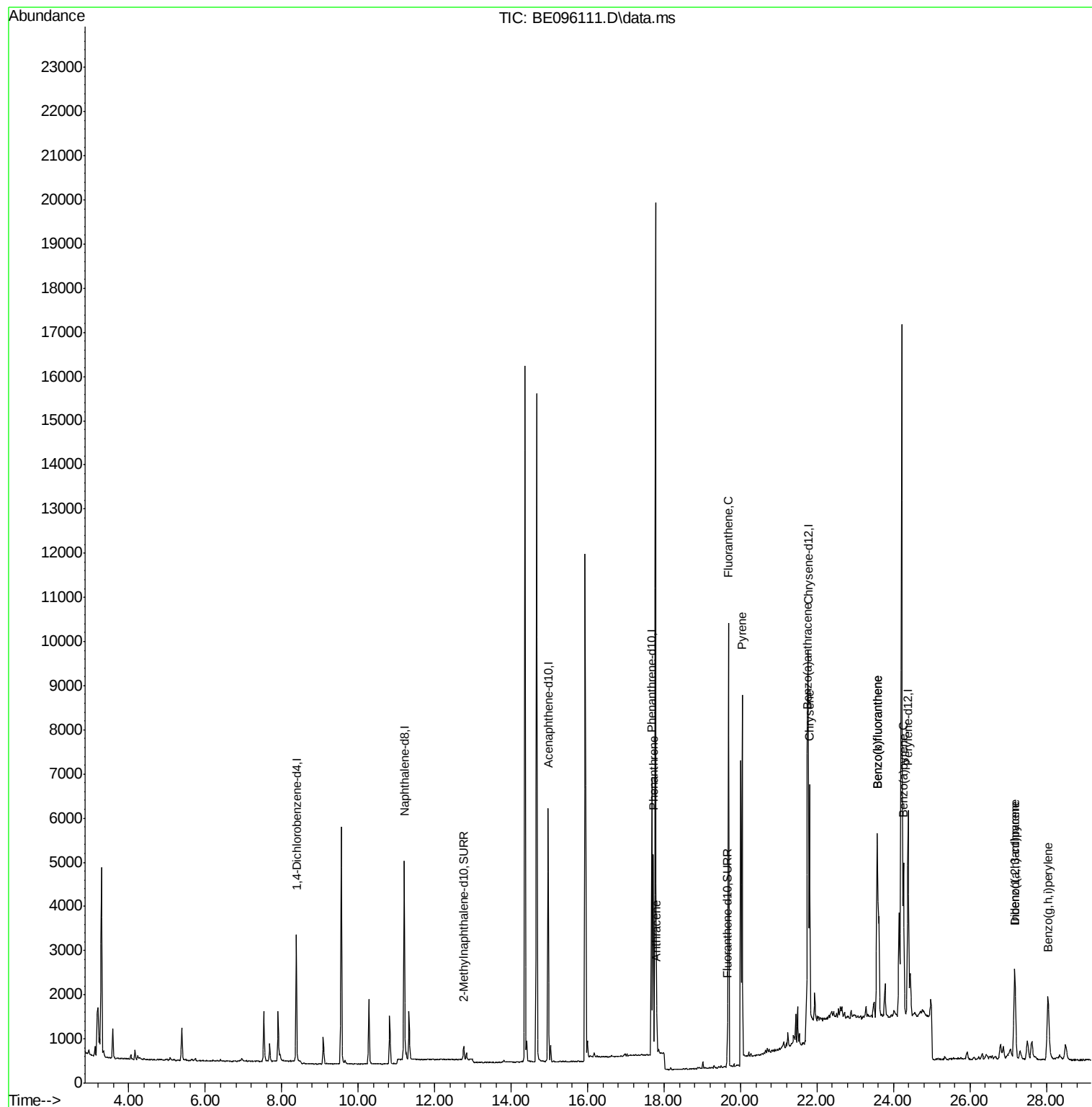
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.380	152	2138	0.40	ng/ul	0.00
2) Naphthalene-d8	11.201	136	6002	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.971	164	3283	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.676	188	7240	0.40	ng/ul	0.00
16) Chrysene-d12	21.766	240	8093	0.40	ng/ul	0.00
20) Perylene-d12	24.382	264	7154	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.756	152	422	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.656	212	1040	0.03	ng/ul	0.00
Target Compounds						
					Ovalue	
12) Phenanthrene	17.718	178	4889	0.23	ng/ul#	89
13) Anthracene	17.803	178	956	0.05	ng/ul#	92
15) Fluoranthene	19.684	202	10996	0.38	ng/ul	85
17) Pyrene	20.039	202	9799	0.36	ng/ul#	80
18) Benzo(a)anthracene	21.745	228	6726	0.21	ng/ul#	85
19) Chrysene	21.808	228	5719	0.24	ng/ul	95
21) Benzo(b)fluoranthene	23.573	252	10761	0.46	ng/ul	92
22) Benzo(k)fluoranthene	23.573	252	10761	0.47	ng/ul	94
23) Benzo(a)pyrene	24.262	252	5327	0.24	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	27.172	276	3734	0.15	ng/ul#	76
25) Dibenzo(a,h)anthracene	27.176	278	978	0.05	ng/ul#	60
26) Benzo(g,h,i)perylene	28.046	276	3620	0.17	ng/ul	94

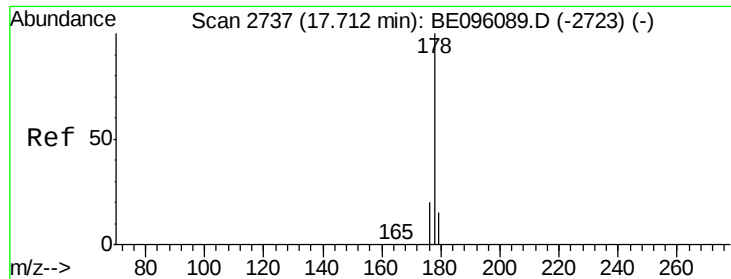
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.23 ng/ul

RT: 17.718 min Scan# 27

Delta R.T. -0.000 min

Lab File: BE096111.D

Acq: 24 Apr 2018 6:48

Instrument :

BNA_E

ClientSampleId :

C0AD2DL

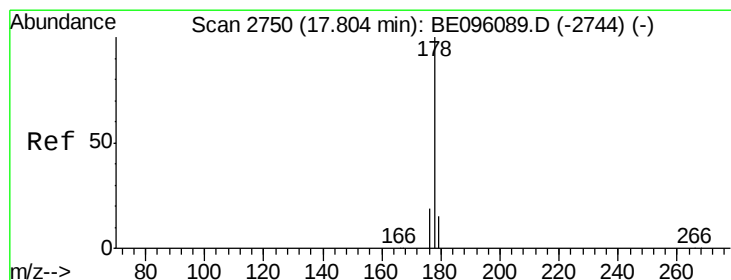
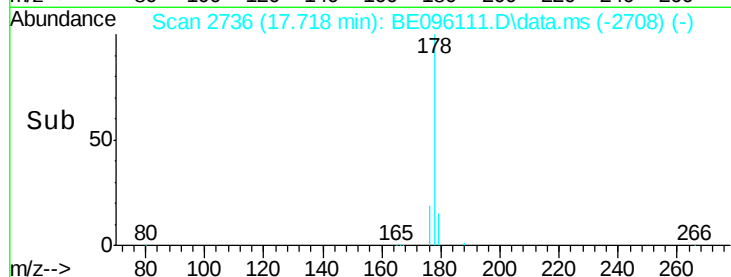
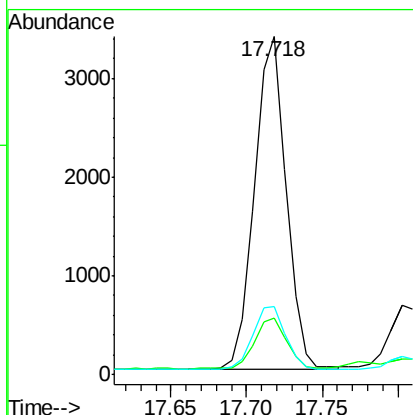
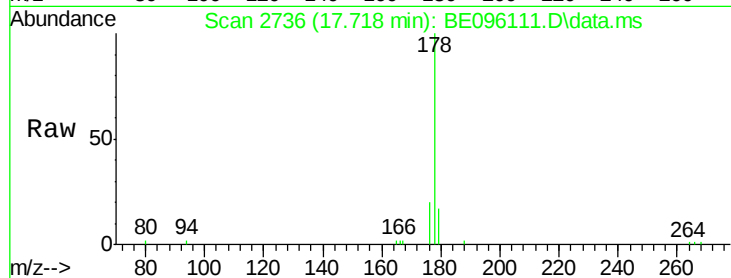
Tot Ion:178 Resp: 4889

Ion Ratio Lower Upper

178 100

179 16.5 18.4 27.6#

176 20.0 13.6 20.4



#13

Anthracene

Concen: 0.05 ng/ul

RT: 17.803 min Scan# 2748

Delta R.T. -0.000 min

Lab File: BE096111.D

Acq: 24 Apr 2018 6:48

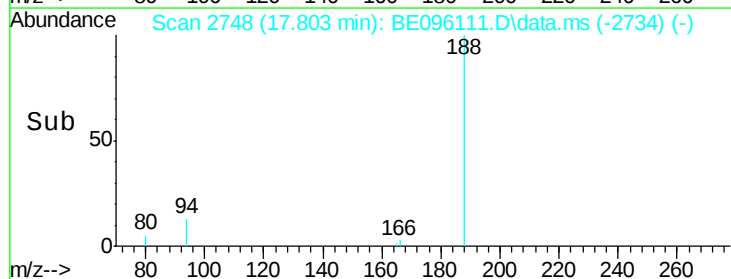
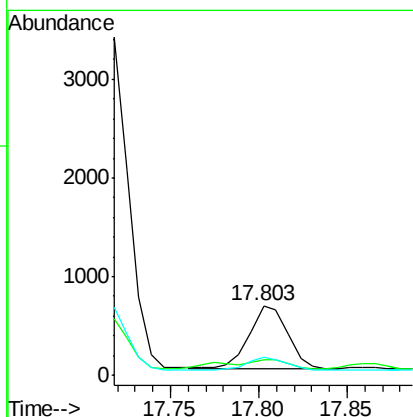
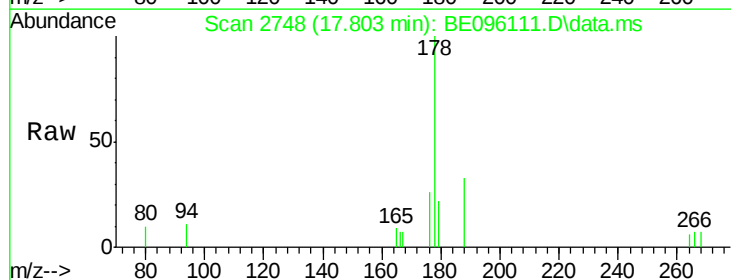
Tgt Ion:178 Resp: 956

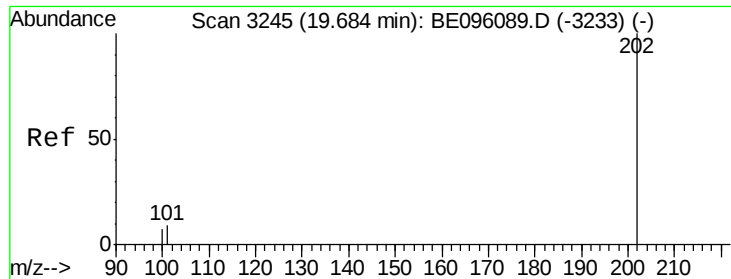
Ion Ratio Lower Upper

178 100

179 22.3 18.1 27.1

176 26.0 14.7 22.1#





#15

Fluoranthene

Concen: 0.38 ng/ul

RT: 19.684 min Scan# 32

Delta R.T. 0.000 min

Lab File: BE096111.D

Acq: 24 Apr 2018 6:48

Instrument :

BNA_E

ClientSampleId :

C0AD2DL

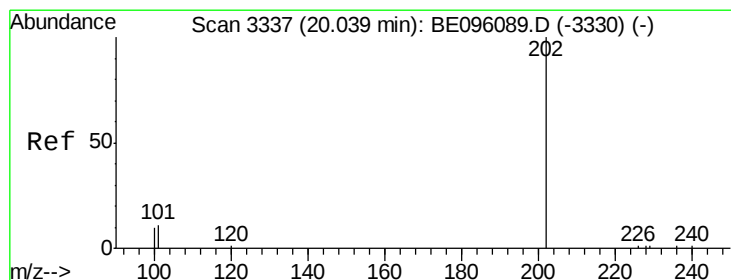
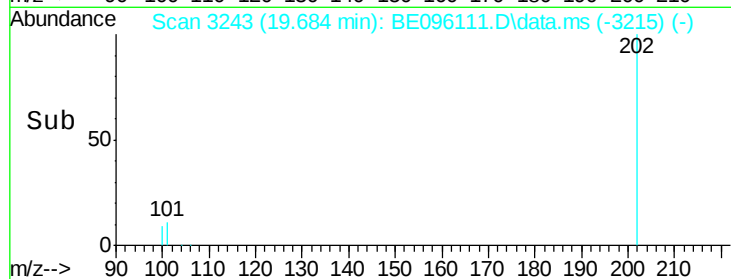
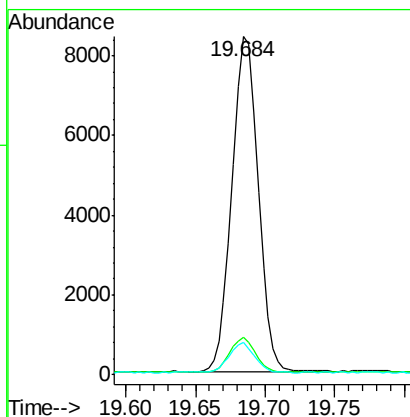
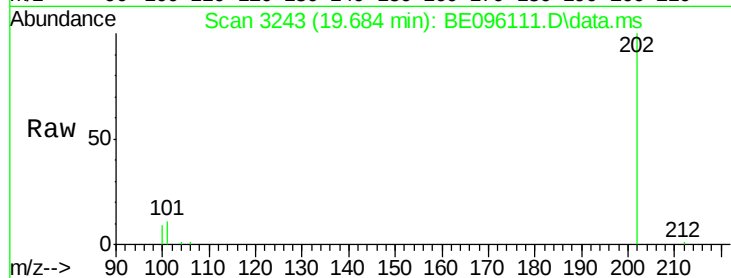
Tot Ion:202 Resp: 10996

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

100 9.5 0.0 39.5



#17

Pyrene

Concen: 0.36 ng/ul

RT: 20.039 min Scan# 3335

Delta R.T. -0.001 min

Lab File: BE096111.D

Acq: 24 Apr 2018 6:48

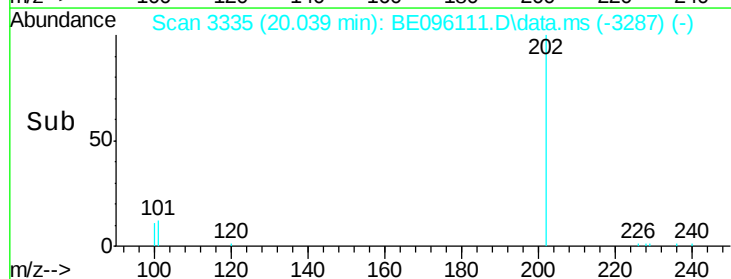
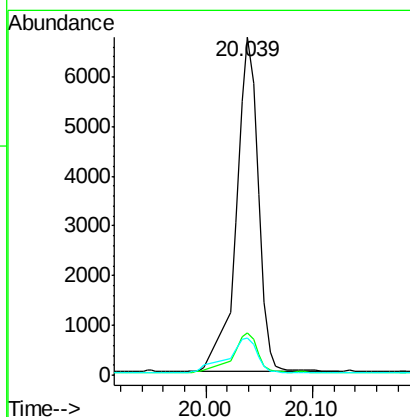
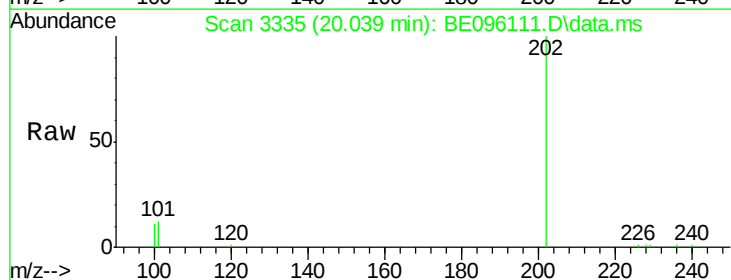
Tgt Ion:202 Resp: 9799

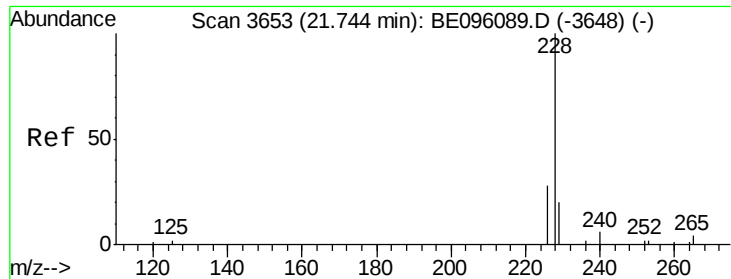
Ion Ratio Lower Upper

202 100

101 12.4 18.2 27.4#

100 11.2 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.21 ng/ul

RT: 21.745 min Scan# 3653

Delta R.T. 0.001 min

Lab File: BE096111.D

Acq: 24 Apr 2018 6:48

Instrument :

BNA_E

ClientSampleId :

C0AD2DL

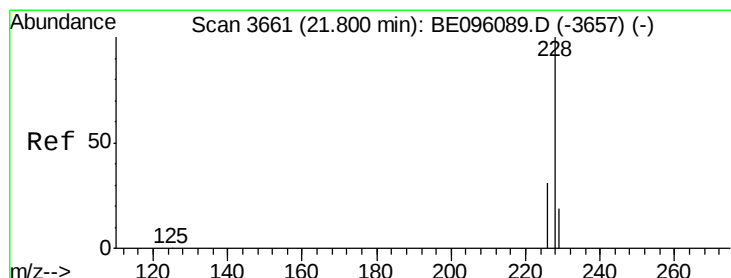
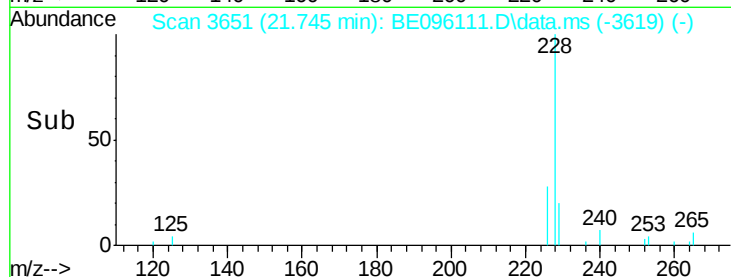
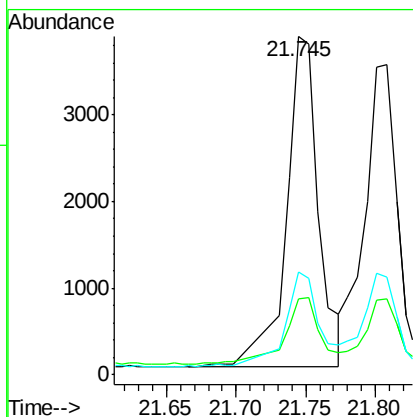
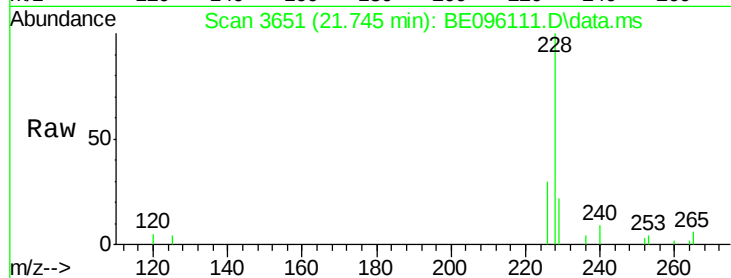
Tot Ion:228 Resp: 6726

Ion Ratio Lower Upper

228 100

229 22.3 22.8 34.2#

226 30.3 17.0 25.6#



#19

Chrysene

Concen: 0.24 ng/ul

RT: 21.808 min Scan# 3660

Delta R.T. 0.001 min

Lab File: BE096111.D

Acq: 24 Apr 2018 6:48

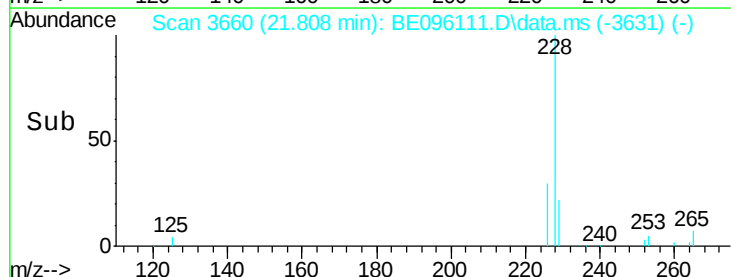
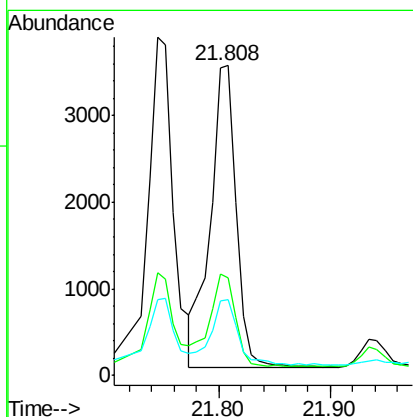
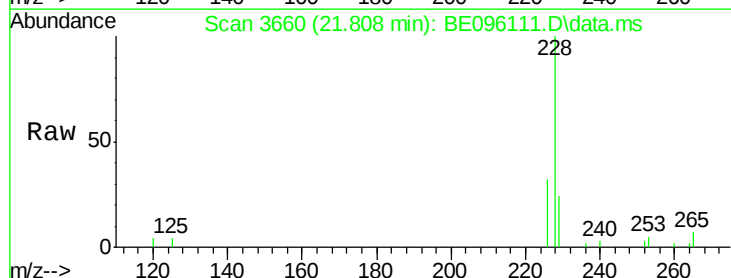
Tgt Ion:228 Resp: 5719

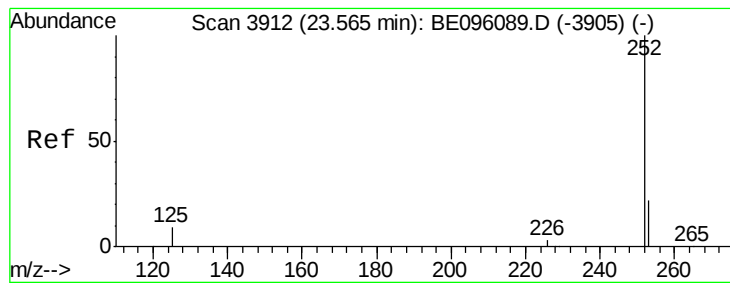
Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

229 24.4 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.46 ng/ul

RT: 23.573 min Scan# 3911

Delta R.T. 0.008 min

Lab File: BE096111.D

Acq: 24 Apr 2018 6:48

Instrument :

BNA_E

ClientSampleId :

C0AD2DL

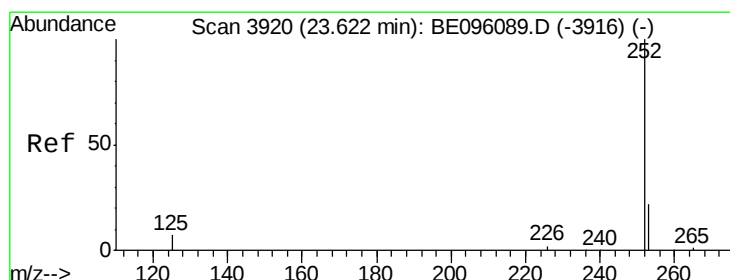
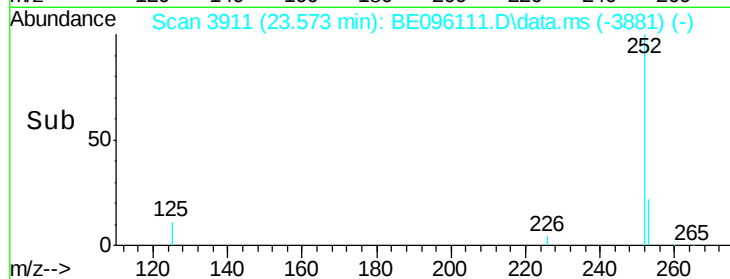
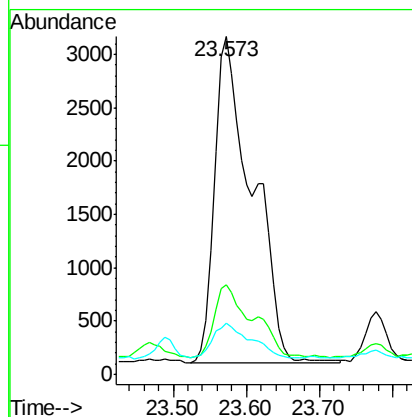
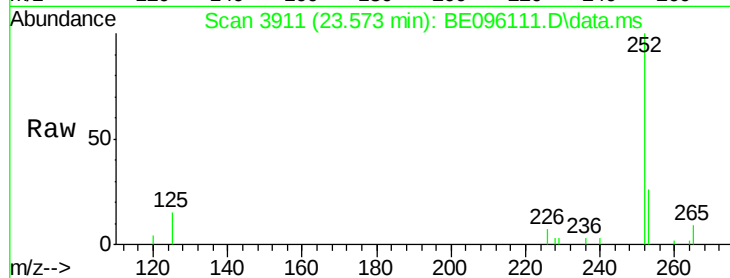
Tot Ion:252 Resp: 10761

Ion Ratio Lower Upper

252 100

253 26.5 0.0 64.2

125 15.1 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.47 ng/ul

RT: 23.573 min Scan# 3911

Delta R.T. -0.048 min

Lab File: BE096111.D

Acq: 24 Apr 2018 6:48

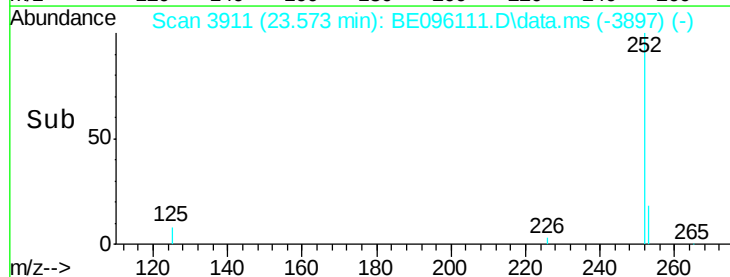
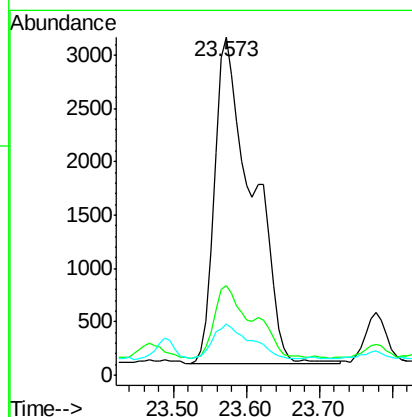
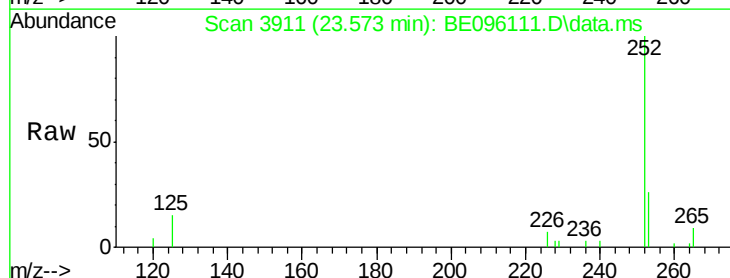
Tgt Ion:252 Resp: 10761

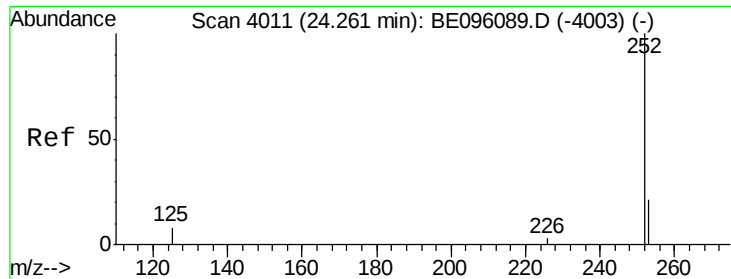
Ion Ratio Lower Upper

252 100

253 26.5 24.5 36.7

125 15.1 13.7 20.5





#23

Benzo(a)pyrene

Concen: 0.24 ng/ul

RT: 24.262 min Scan# 4011

Delta R.T. 0.001 min

Lab File: BE096111.D

Acq: 24 Apr 2018 6:48

Instrument :

BNA_E

ClientSampleId :

C0AD2DL

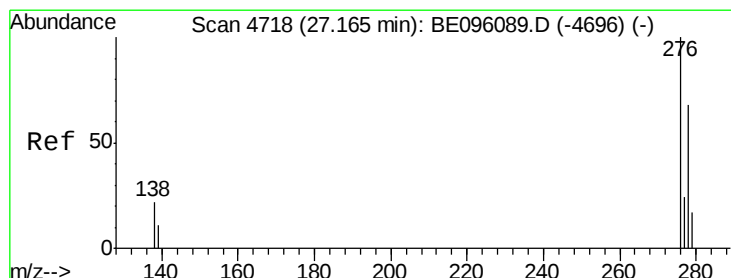
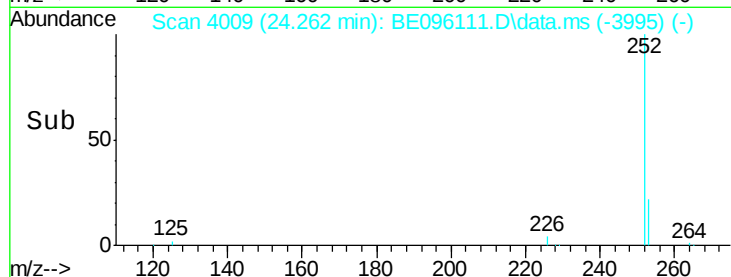
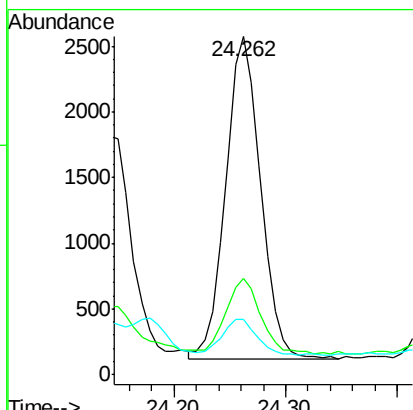
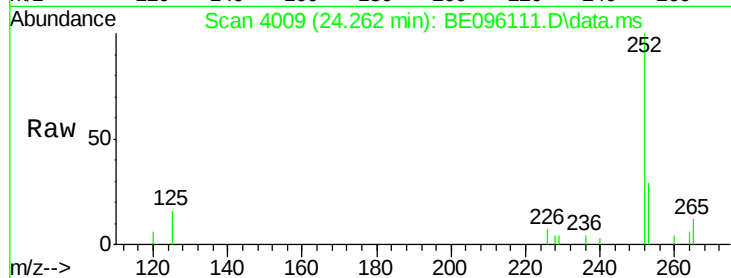
Tot Ion:252 Resp: 5327

Ion Ratio Lower Upper

252 100

253 28.5 28.5 42.7

125 16.2 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.15 ng/ul

RT: 27.172 min Scan# 4718

Delta R.T. 0.007 min

Lab File: BE096111.D

Acq: 24 Apr 2018 6:48

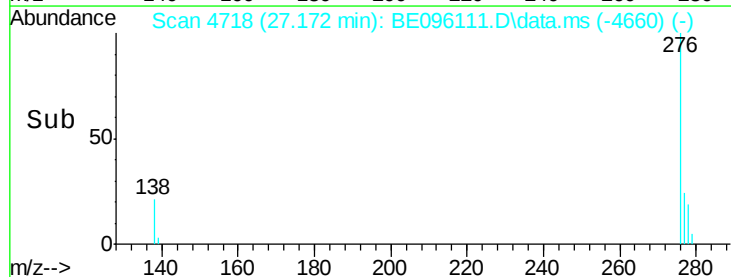
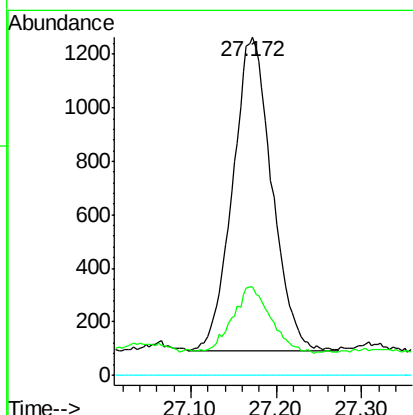
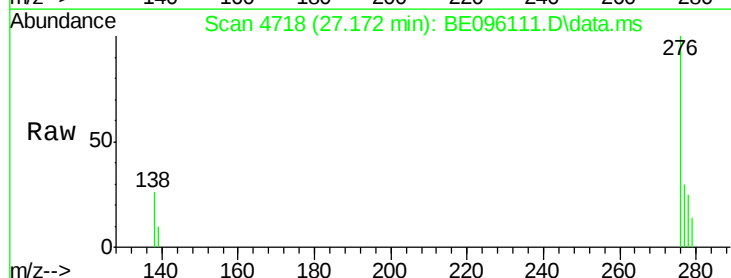
Tgt Ion:276 Resp: 3734

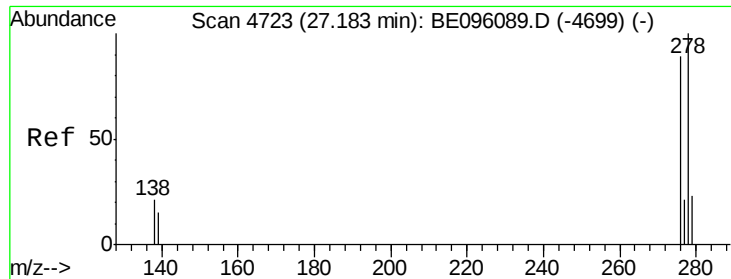
Ion Ratio Lower Upper

276 100

138 21.3 28.0 42.0#

227 0.0 8.0 12.0#



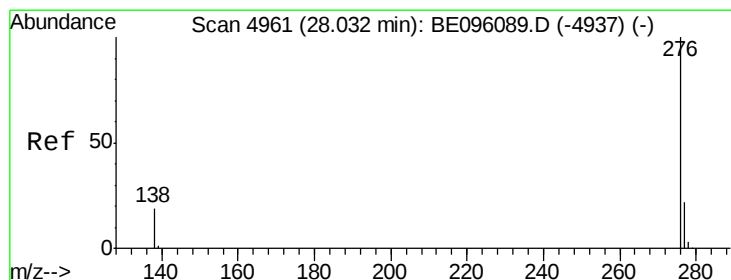
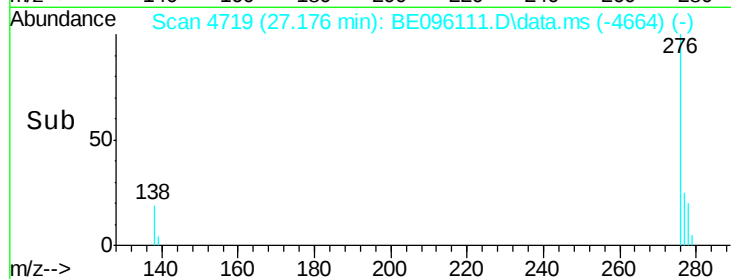
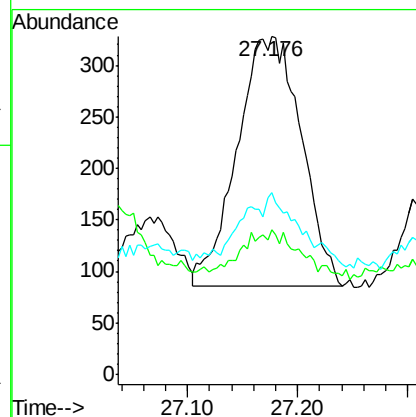
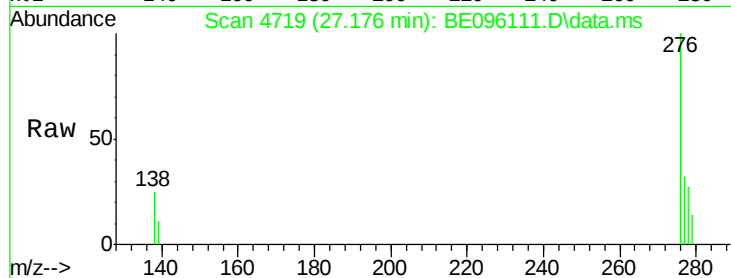


#25
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 27.176 min Scan# 47
Delta R.T. -0.004 min
Lab File: BE096111.D
Acq: 24 Apr 2018 6:48

Instrument :
BNA_E
ClientSampleId :
C0AD2DL

Tot Ion:278 Resp: 978

Ion	Ratio	Lower	Upper
278	100		
139	42.7	17.4	26.0#
279	53.7	25.9	38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.17 ng/ul
RT: 28.046 min Scan# 4963
Delta R.T. 0.007 min
Lab File: BE096111.D
Acq: 24 Apr 2018 6:48

Tgt Ion:276 Resp: 3620

Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.8	32.8
277	28.9	20.5	30.7

