

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096090.D
 Acq On : 23 Apr 2018 18:12
 Operator : SJ/JU
 Sample : J2355-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 24 07:00:19 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration

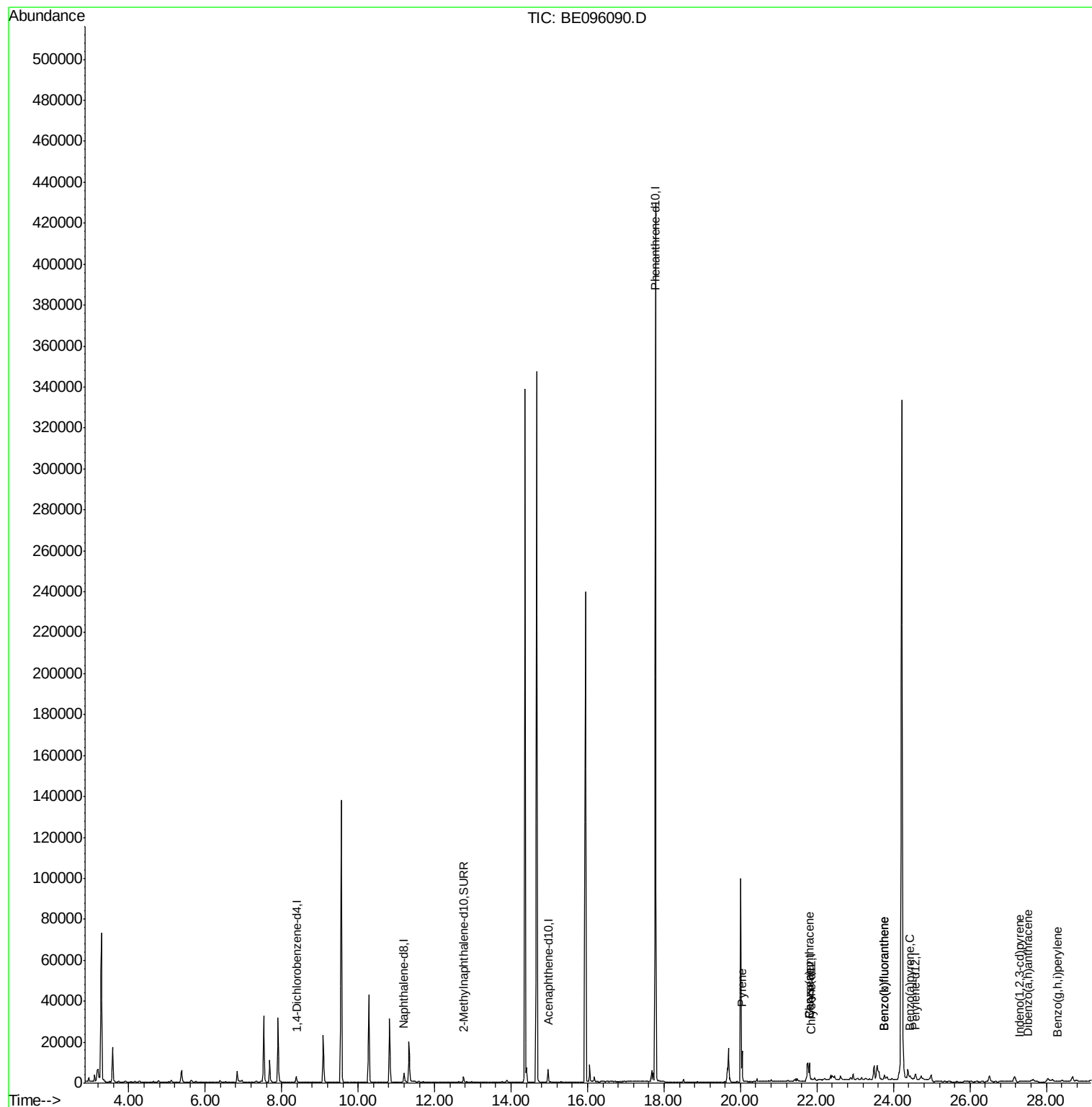
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1993	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5528	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3304	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.77	188	495436	0.40	ng/ul	0.10
16) Chrysene-d12	21.87	240	55	0.40	ng/ul	0.10
20) Perylene-d12	24.58	264	477	0.40	ng/ul	0.21
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	3400	0.33	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
17) Pyrene	20.04	202	15787	84.471	ng/ul#	81
18) Benzo(a)anthracene	21.80	228	8800	39.604	ng/ul#	83
19) Chrysene	21.80	228	8773	54.858	ng/ul	97
21) Benzo(b)fluoranthene	23.77	252	1277	0.827	ng/ul#	29
22) Benzo(k)fluoranthene	23.77	252	1277	0.830	ng/ul#	26
23) Benzo(a)pyrene	24.43	252	1850	1.242	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	27.31	276	80	0.048	ng/ul#	24
25) Dibenzo(a,h)anthracene	27.51	278	655	0.491	ng/ul#	28
26) Benzo(g,h,i)perylene	28.29	276	39	0.028	ng/ul#	1

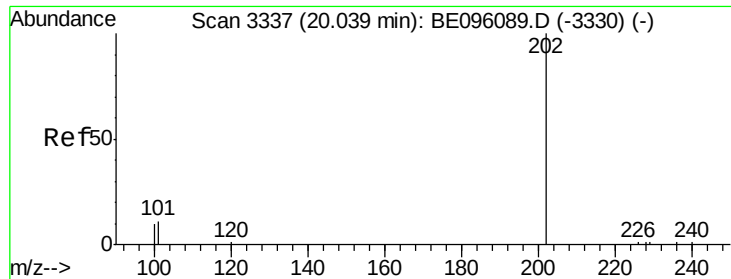
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pvrene

Concen: 84.471 ng/ul

RT: 20.04 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BE096090.D

Acq: 23 Apr 2018 18:12

Instrument :

BNA_E

ClientSampleId :

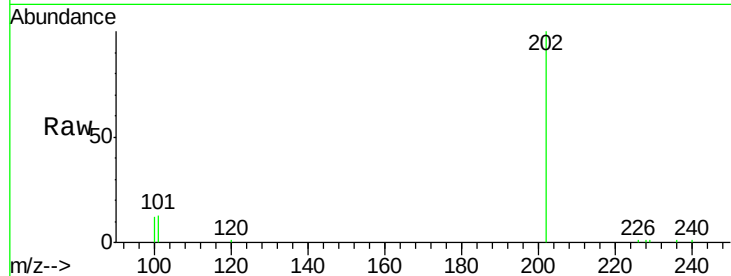
Tot Ion:202 Resp: 15787

Ion Ratio Lower Upper

202 100

101 12.6 18.2 27.4#

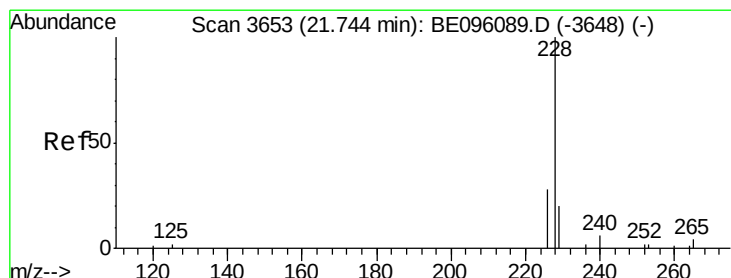
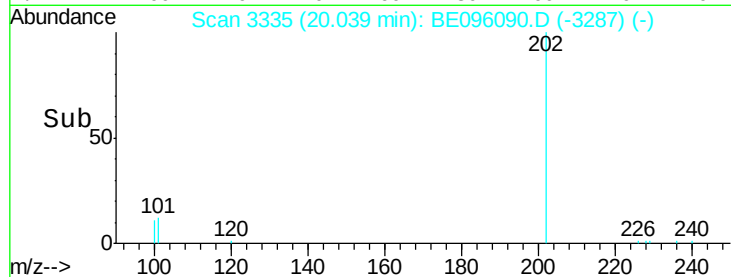
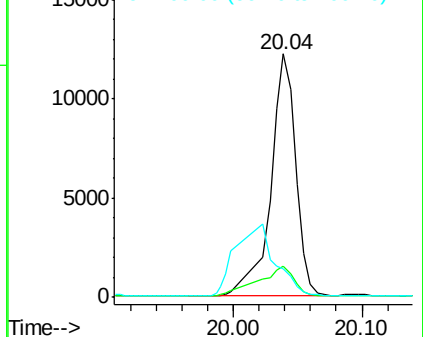
100 11.6 15.6 23.4#



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): BE



#18

Benzo(a)anthracene

Concen: 39.604 ng/ul

RT: 21.80 min Scan# 3659

Delta R.T. 0.06 min

Lab File: BE096090.D

Acq: 23 Apr 2018 18:12

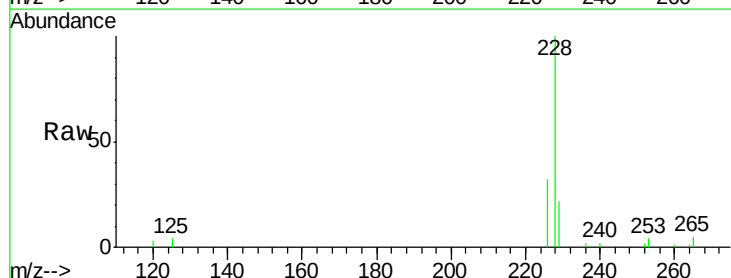
Tgt Ion:228 Resp: 8800

Ion Ratio Lower Upper

228 100

229 21.6 22.8 34.2#

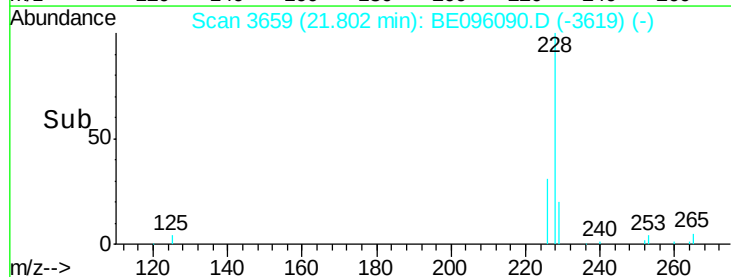
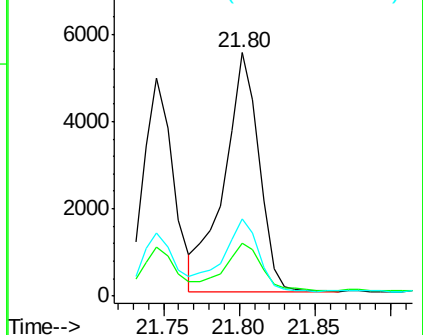
226 31.8 17.0 25.6#

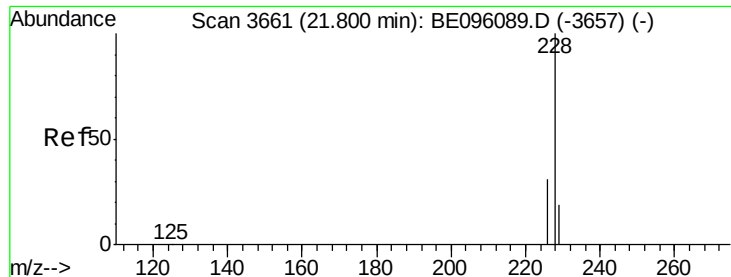


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 54.858 ng/ul

RT: 21.80 min Scan# 3659

Delta R.T. 0.00 min

Lab File: BE096090.D

Acq: 23 Apr 2018 18:12

Instrument :

BNA_E

ClientSampleId :

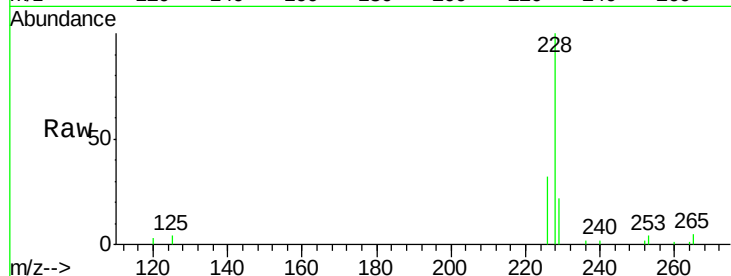
Tot Ion:228 Resp: 8773

Ion Ratio Lower Upper

228 100

226 31.8 23.4 35.0

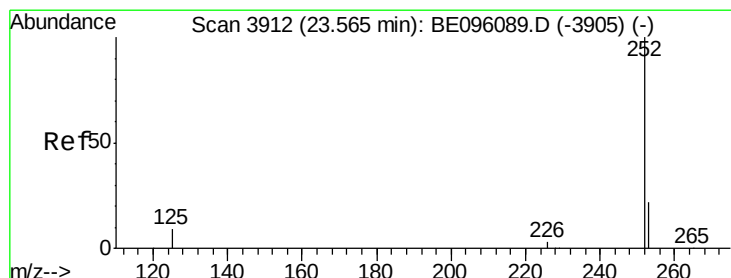
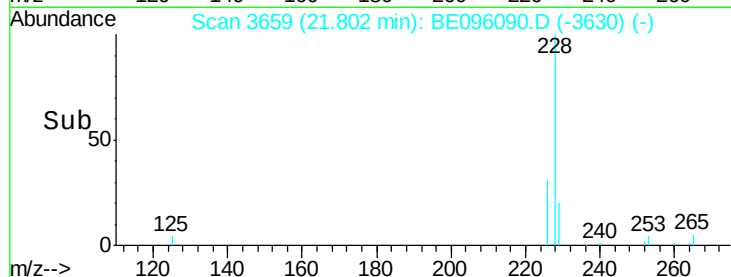
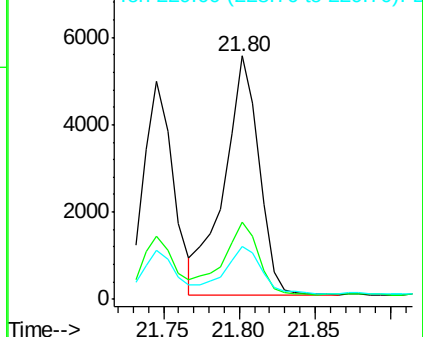
229 21.6 17.7 26.5



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: 0.827 ng/ul

RT: 23.77 min Scan# 3939

Delta R.T. 0.21 min

Lab File: BE096090.D

Acq: 23 Apr 2018 18:12

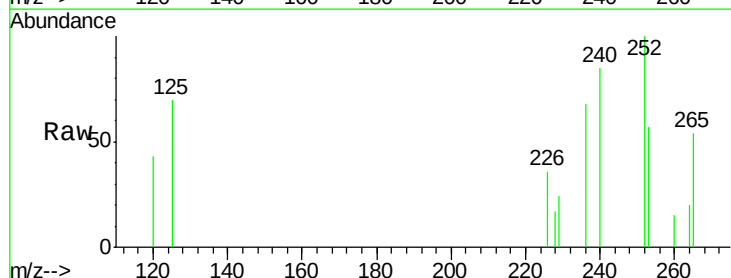
Tgt Ion:252 Resp: 1277

Ion Ratio Lower Upper

252 100

253 56.6 0.0 64.2

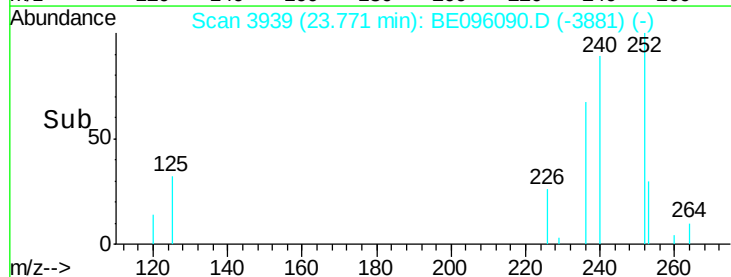
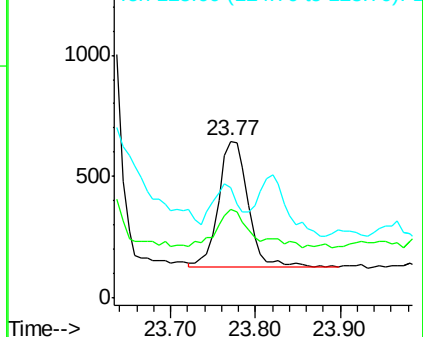
125 70.2 0.0 35.0#

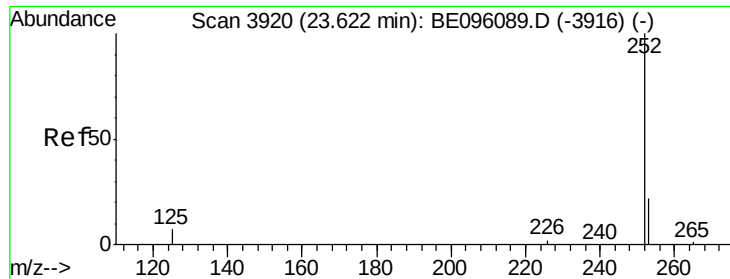


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.830 ng/ul

RT: 23.77 min Scan# 3939

Delta R.T. 0.15 min

Lab File: BE096090.D

Acq: 23 Apr 2018 18:12

Instrument :

BNA_E

ClientSampleId :

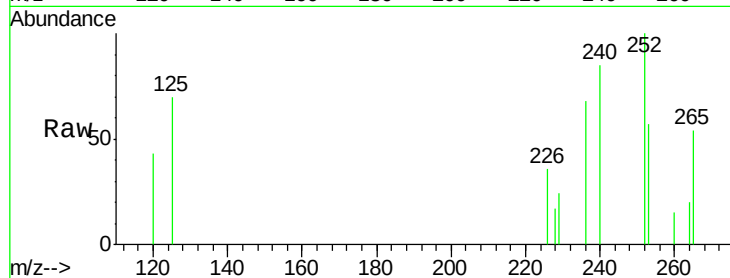
Tot Ion:252 Resp: 1277

Ion Ratio Lower Upper

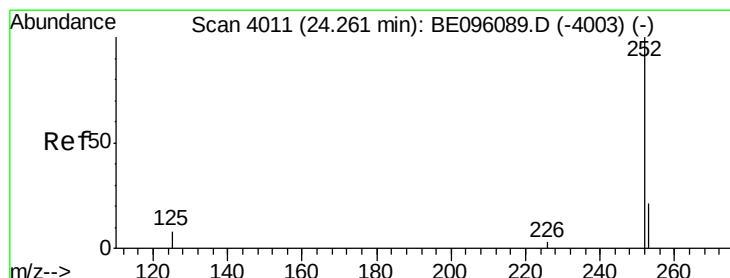
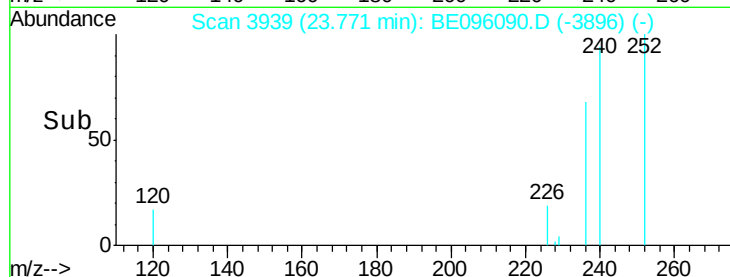
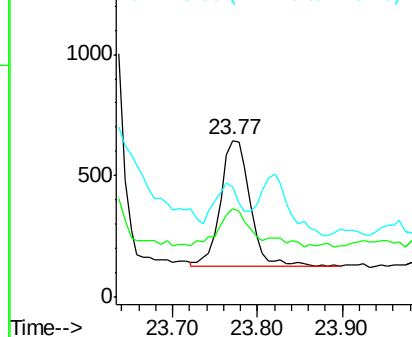
252 100

253 56.6 24.5 36.7#

125 70.2 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: 1.242 ng/ul

RT: 24.43 min Scan# 4033

Delta R.T. 0.17 min

Lab File: BE096090.D

Acq: 23 Apr 2018 18:12

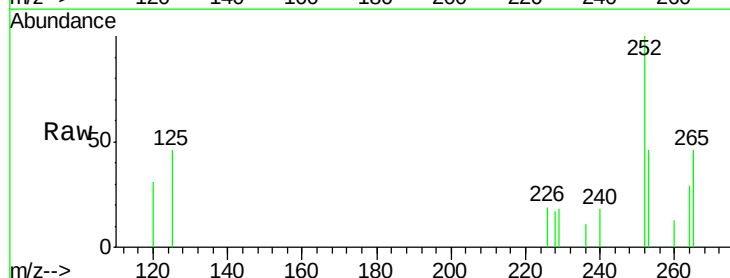
Tgt Ion:252 Resp: 1850

Ion Ratio Lower Upper

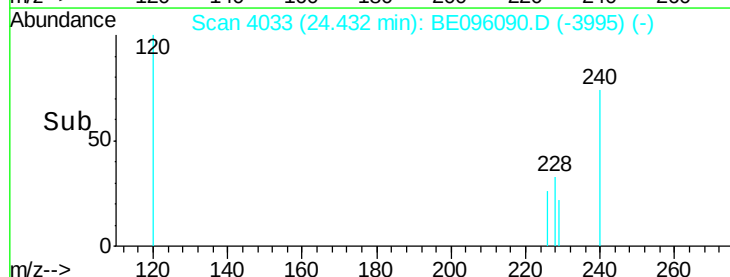
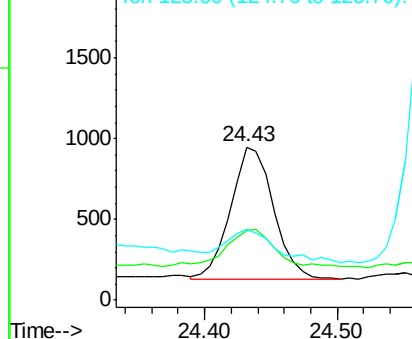
252 100

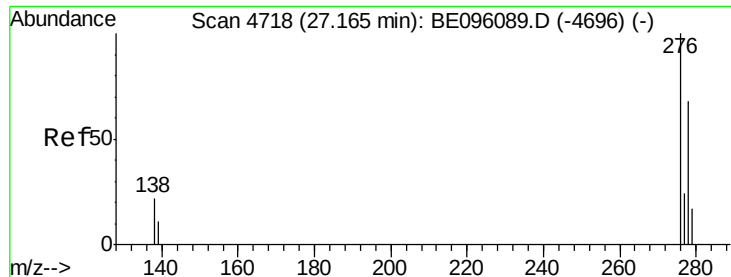
253 45.6 28.5 42.7#

125 46.5 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



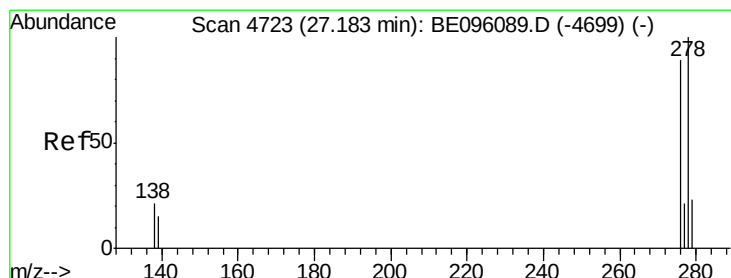
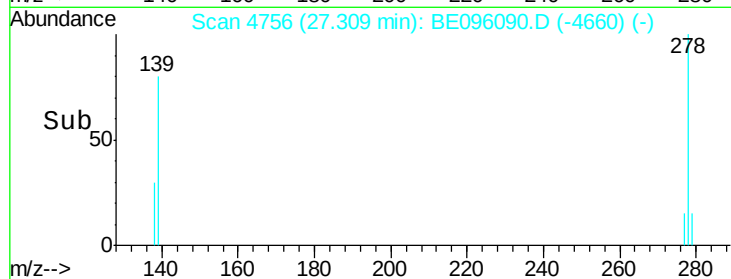
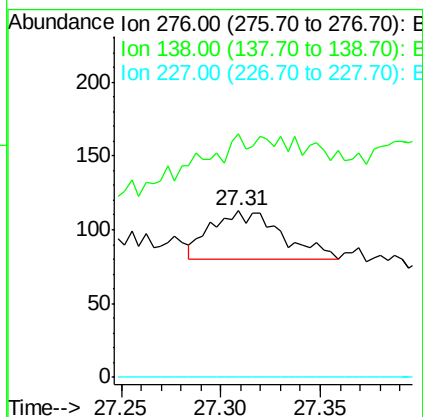
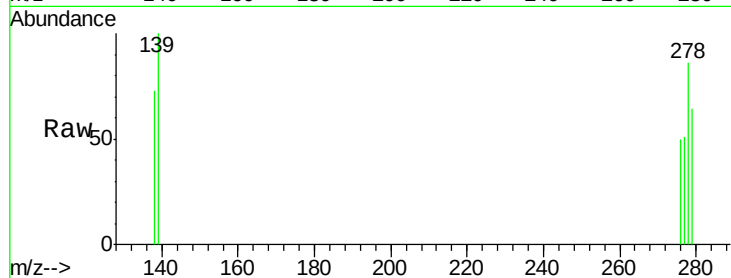


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.048 ng/ul
RT: 27.31 min Scan# 4756
Delta R.T. 0.14 min
Lab File: BE096090.D
Acq: 23 Apr 2018 18:12

Instrument :
BNA_E
ClientSampleId :

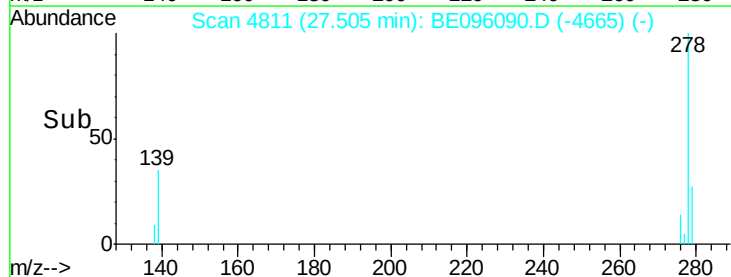
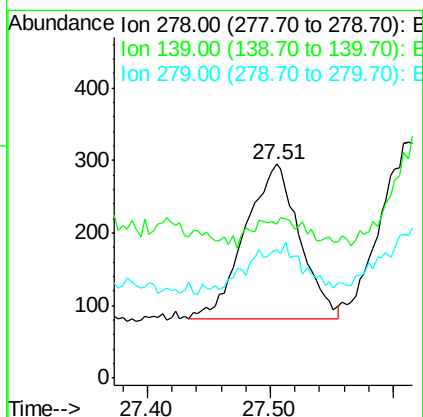
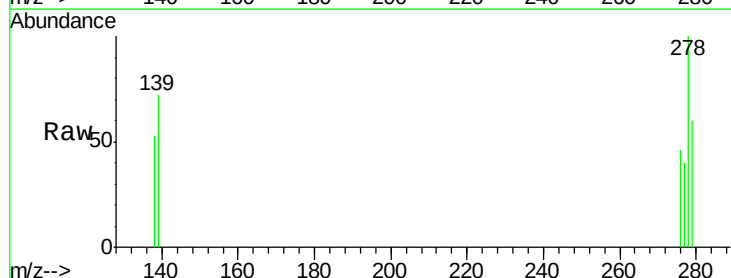
Tot Ion:276 Resp: 80
Ion Ratio Lower Upper
276 100
138 87.5 28.0 42.0#
227 0.0 8.0 12.0#

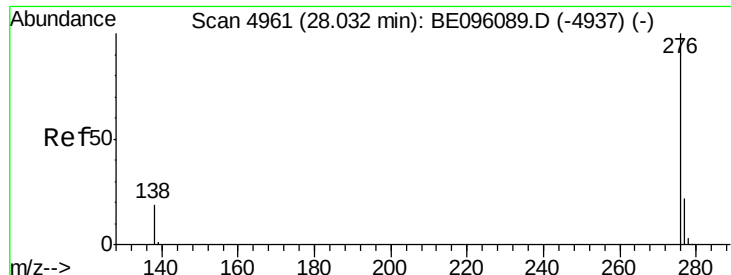


#25

Dibenzo(a,h)anthracene
Concen: 0.491 ng/ul
RT: 27.51 min Scan# 4811
Delta R.T. 0.32 min
Lab File: BE096090.D
Acq: 23 Apr 2018 18:12

Tgt Ion:278 Resp: 655
Ion Ratio Lower Upper
278 100
139 72.2 17.4 26.0#
279 60.0 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.028 ng/ul

RT: 28.29 min Scan# 5032

Delta R.T. 0.26 min

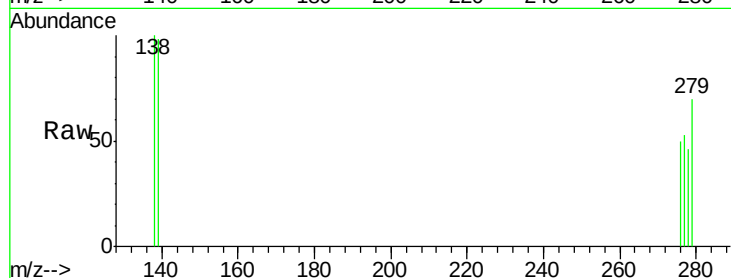
Lab File: BE096090.D

Acq: 23 Apr 2018 18:12

Instrument :

BNA_E

ClientSampleId :



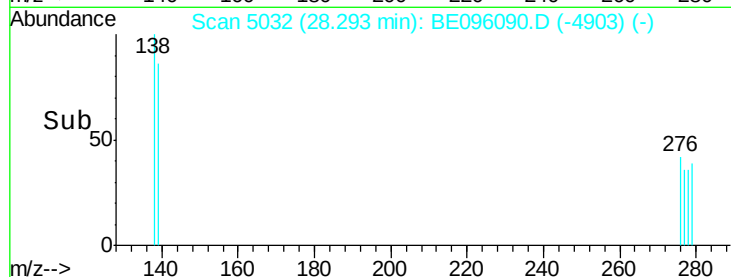
Tot Ion: 276 Resp: 39

Ion Ratio Lower Upper

276 100

138 198.2 21.8 32.8#

277 105.5 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

