

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096040.D
 Acq On : 20 Apr 2018 14:35
 Operator : SJ/JU
 Sample : J2356-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3XS4

Quant Time: Apr 21 00:59:43 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 21 00:59:26 2018
 Response via : Initial Calibration

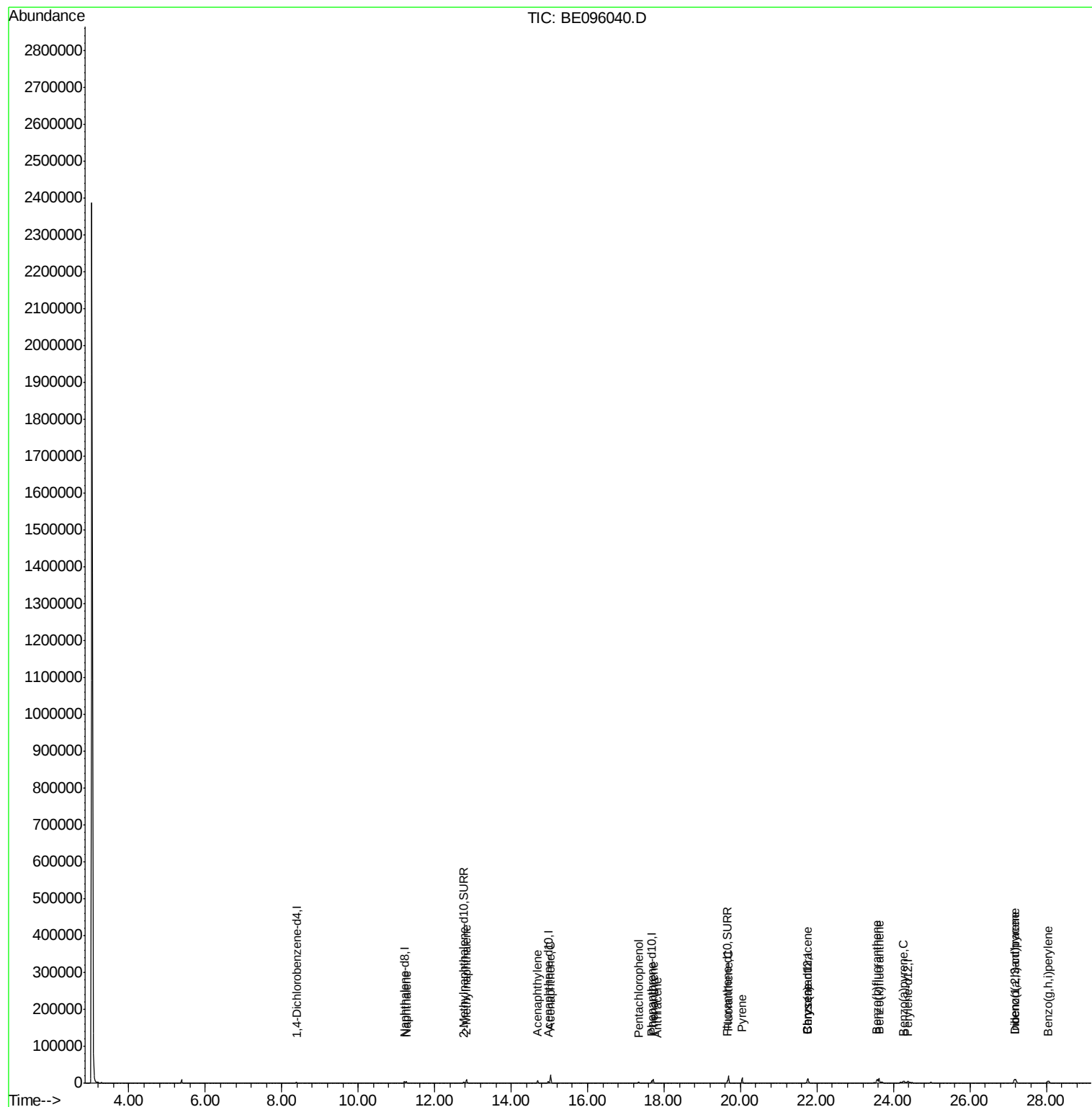
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1864	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	4952	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2831	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6909	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	8167	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	6668	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2879	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	8359	0.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	5060	0.366	ng/ul#	89
5) 2-Methylnaphthalene	12.83	142	7441	0.794	ng/ul	100
7) Acenaphthylene	14.70	152	7249	0.494	ng/ul	96
8) Acenaphthene	15.03	153	12349	1.173	ng/ul	95
11) Pentachlorophenol	17.33	266	1047	0.716	ng/ul	96
12) Phenanthrene	17.72	178	10215	0.502	ng/ul#	89
13) Anthracene	17.81	178	540	0.027	ng/ul#	88
15) Fluoranthene	19.69	202	20936	0.756	ng/ul	83
17) Pyrene	20.04	202	18208	0.656	ng/ul#	80
18) Benzo(a)anthracene	21.75	228	11524	0.349	ng/ul#	83
19) Chrysene	21.75	228	11524	0.485	ng/ul	98
21) Benzo(b)fluoranthene	23.57	252	14256	0.661	ng/ul	83
22) Benzo(k)fluoranthene	23.62	252	16587	0.772	ng/ul#	86
23) Benzo(a)pyrene	24.26	252	8698	0.418	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.17	276	14451	0.625	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.19	278	14320	0.769	ng/ul#	88
26) Benzo(a,h,i)perylene	28.04	276	15570	0.806	ng/ul#	93

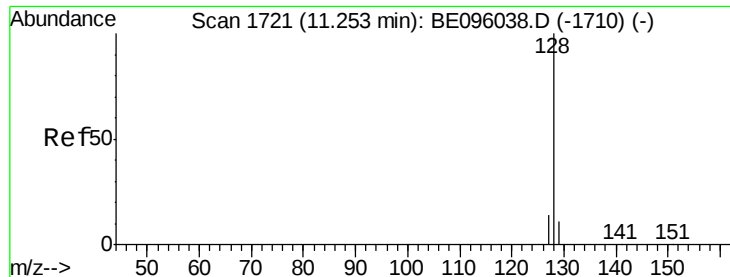
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.366 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BE096040.D

Acq: 20 Apr 2018 14:35

Instrument :

BNA_E

ClientSampleId :

A3XS4

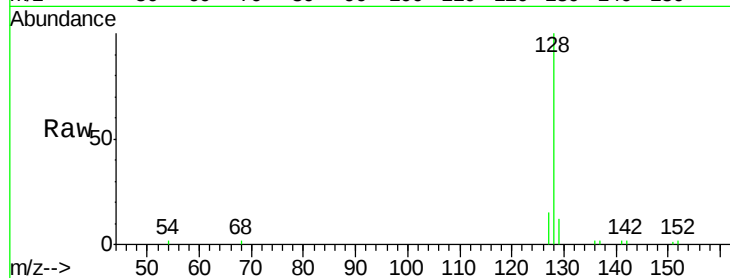
Tot Ion:128 Resp: 5060

Ion Ratio Lower Upper

128 100

129 12.3 11.3 16.9

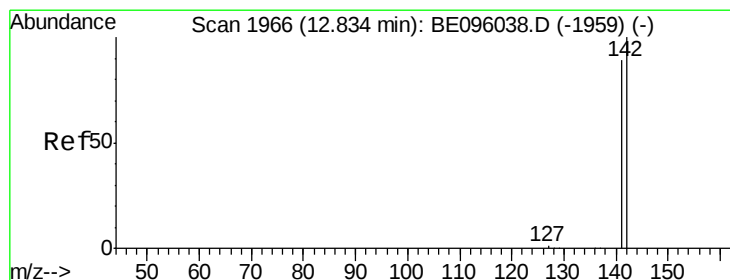
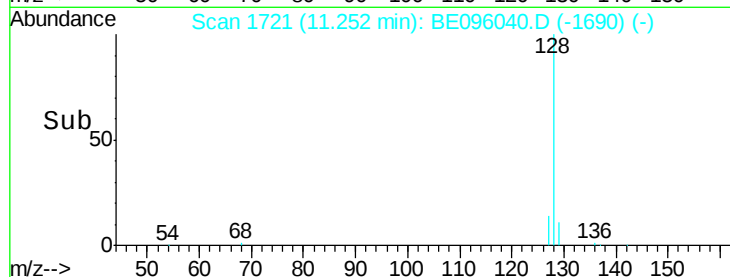
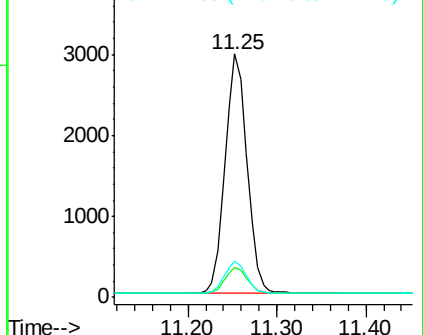
127 15.0 4.0 6.0#



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: 0.794 ng/ul

RT: 12.83 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BE096040.D

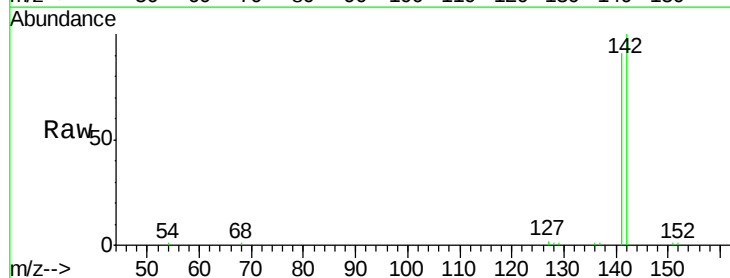
Acq: 20 Apr 2018 14:35

Tgt Ion:142 Resp: 7441

Ion Ratio Lower Upper

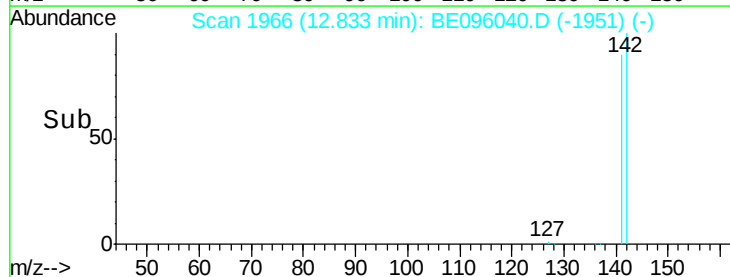
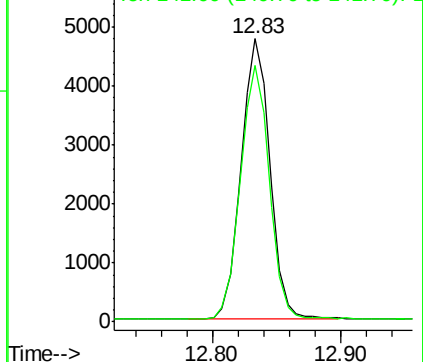
142 100

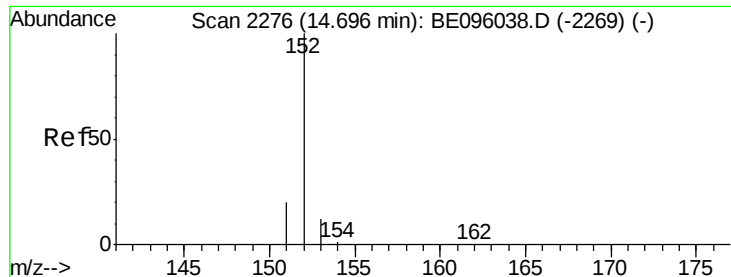
141 90.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.494 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE096040.D

Acq: 20 Apr 2018 14:35

Instrument :

BNA_E

ClientSampleId :

A3XS4

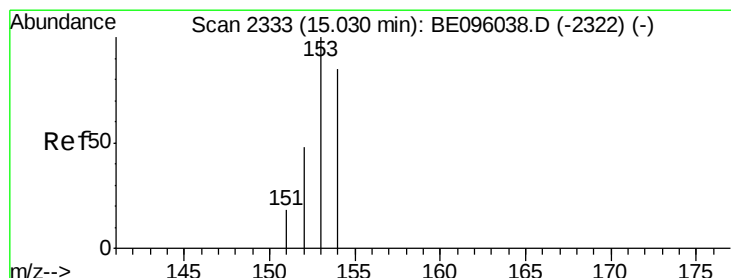
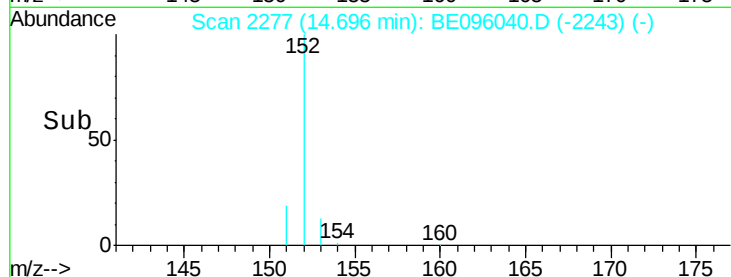
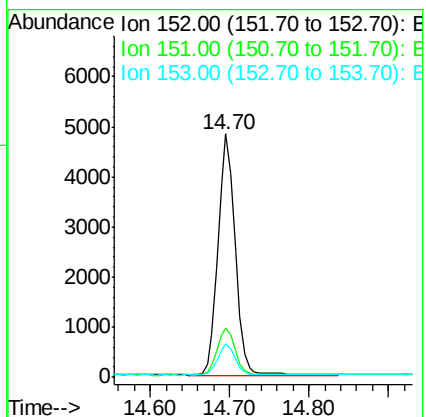
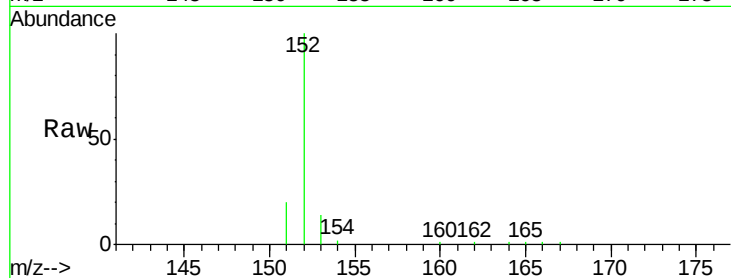
Tot Ion:152 Resp: 7249

Ion Ratio Lower Upper

152 100

151 19.9 17.1 25.7

153 13.7 12.8 19.2



#8

Acenaphthene

Concen: 1.173 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BE096040.D

Acq: 20 Apr 2018 14:35

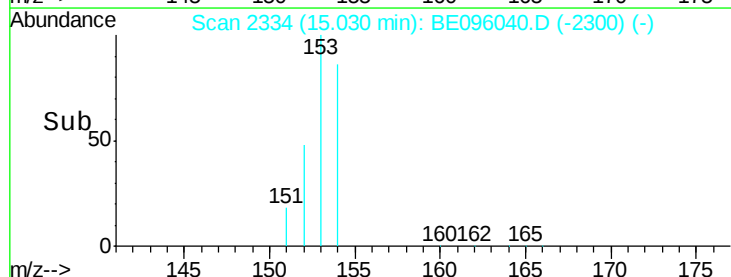
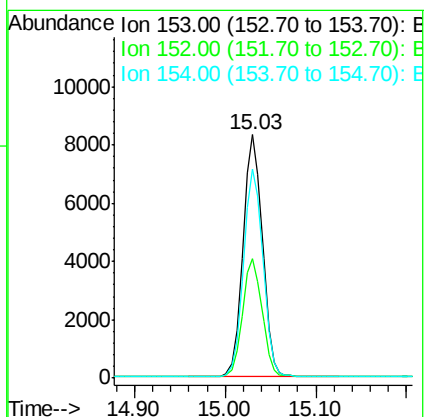
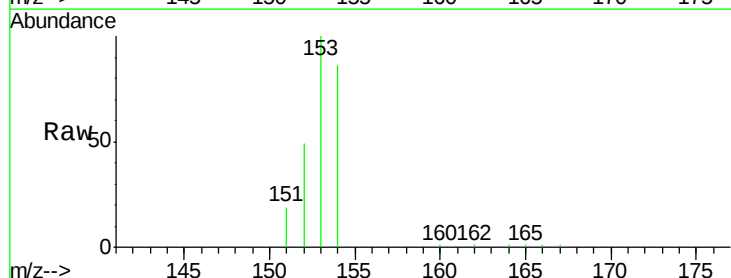
Tgt Ion:153 Resp: 12349

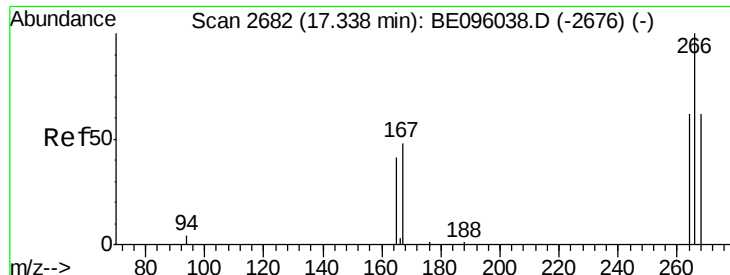
Ion Ratio Lower Upper

153 100

152 48.8 36.0 54.0

154 85.8 72.0 108.0

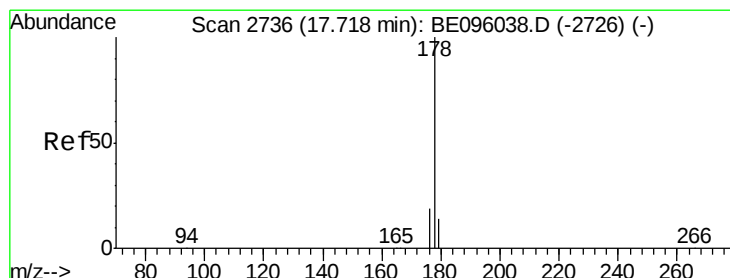
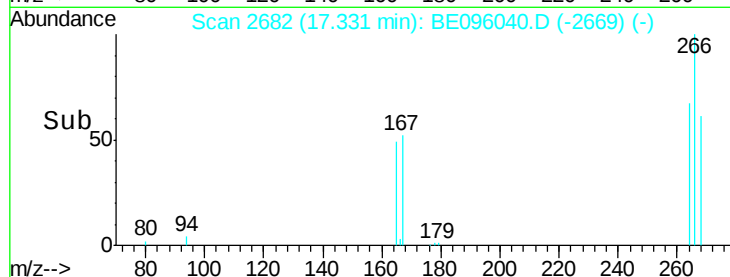
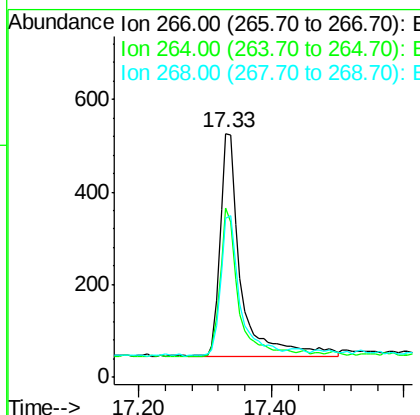
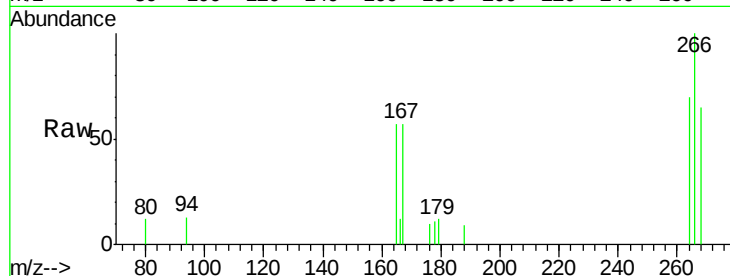




#11
 Pentachlorophenol
 Concen: 0.716 ng/ul
 RT: 17.33 min Scan# 2682
 Delta R.T. -0.01 min
 Lab File: BE096040.D
 Acq: 20 Apr 2018 14:35

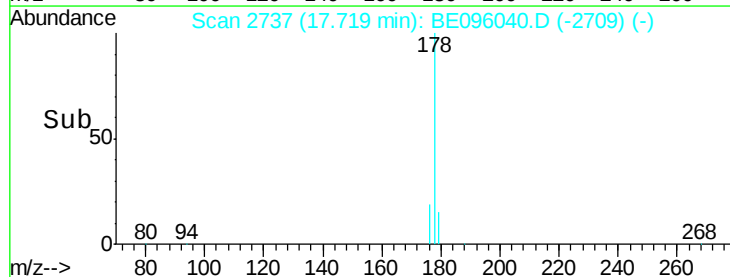
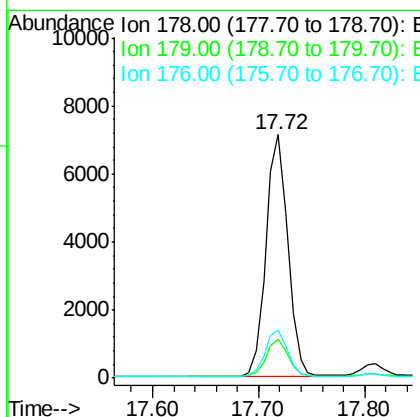
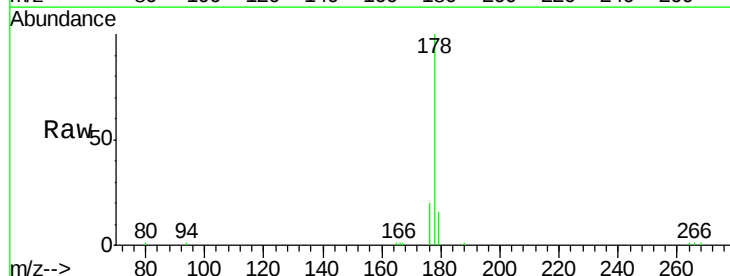
Instrument :
 BNA_E
 ClientSampleId :
 A3XS4

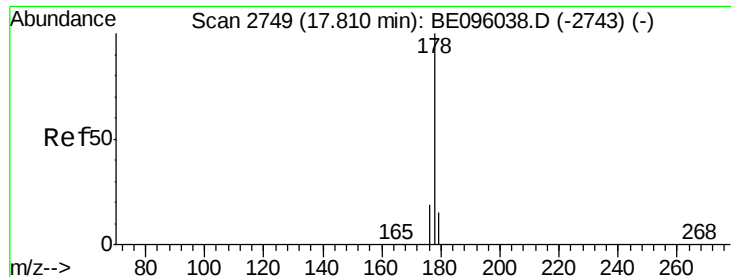
Tot Ion:266 Resp: 1047
 Ion Ratio Lower Upper
 266 100
 264 61.6 47.9 71.9
 268 57.9 49.8 74.8



#12
 Phenanthrene
 Concen: 0.502 ng/ul
 RT: 17.72 min Scan# 2737
 Delta R.T. 0.00 min
 Lab File: BE096040.D
 Acq: 20 Apr 2018 14:35

Tgt Ion:178 Resp: 10215
 Ion Ratio Lower Upper
 178 100
 179 15.9 18.4 27.6#
 176 19.6 13.6 20.4





#13

Anthracene

Concen: 0.027 ng/ul

RT: 17.81 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BE096040.D

Acq: 20 Apr 2018 14:35

Instrument :

BNA_E

ClientSampleId :

A3XS4

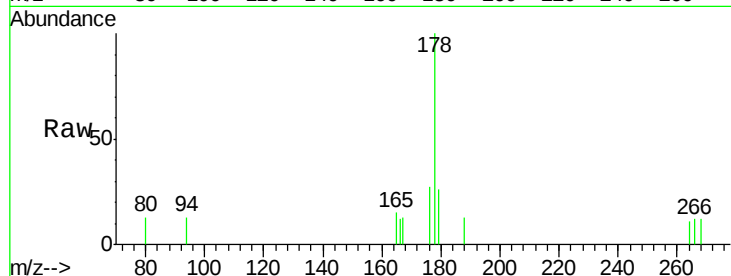
Tot Ion:178 Resp: 540

Ion Ratio Lower Upper

178 100

179 25.5 18.1 27.1

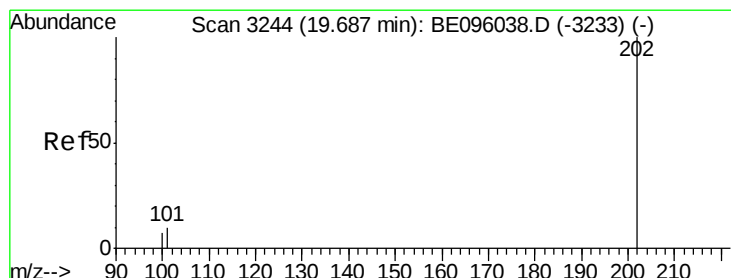
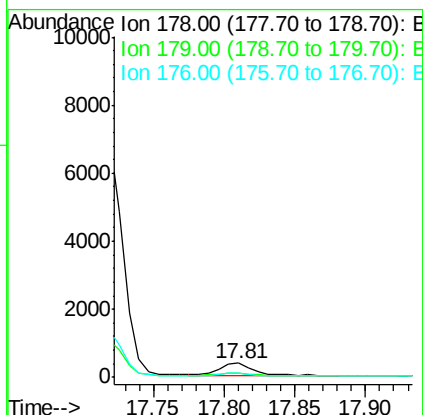
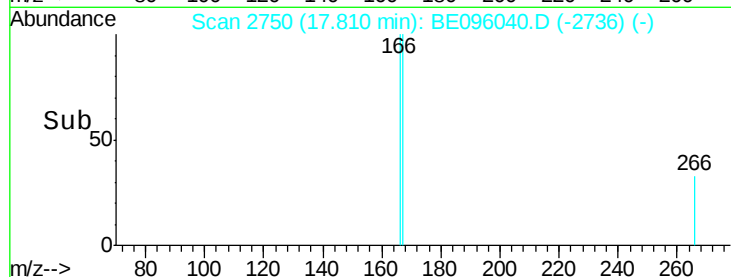
176 27.2 14.7 22.1#



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: 0.756 ng/ul

RT: 19.69 min Scan# 3245

Delta R.T. 0.00 min

Lab File: BE096040.D

Acq: 20 Apr 2018 14:35

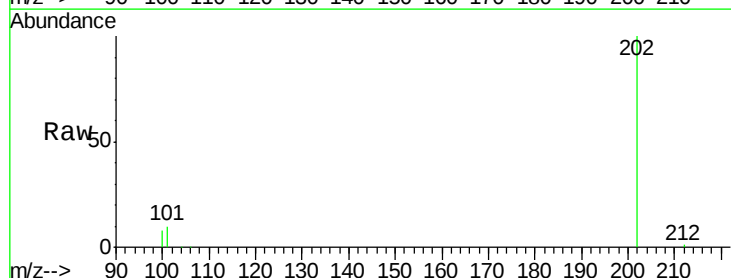
Tgt Ion:202 Resp: 20936

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.3

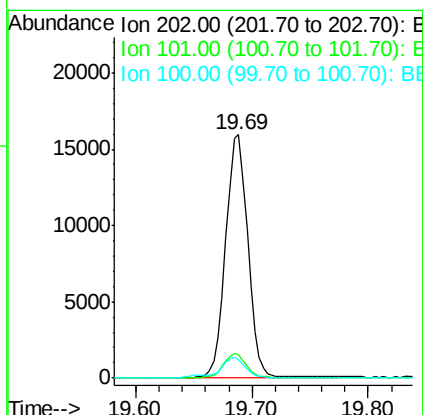
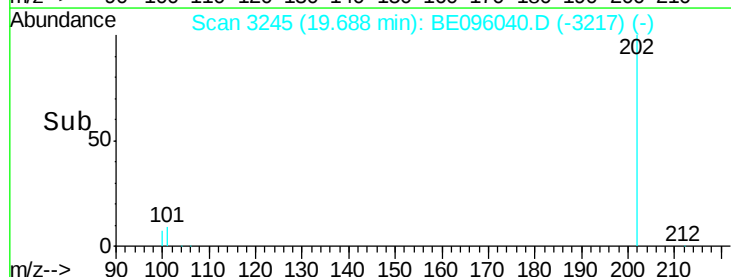
100 7.8 0.0 39.5

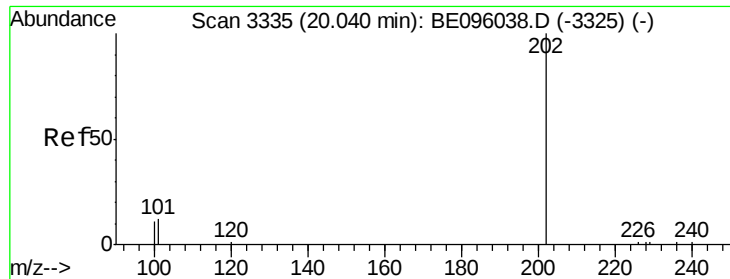


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.656 ng/ul

RT: 20.04 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BE096040.D

Acq: 20 Apr 2018 14:35

Instrument :

BNA_E

ClientSampleId :

A3XS4

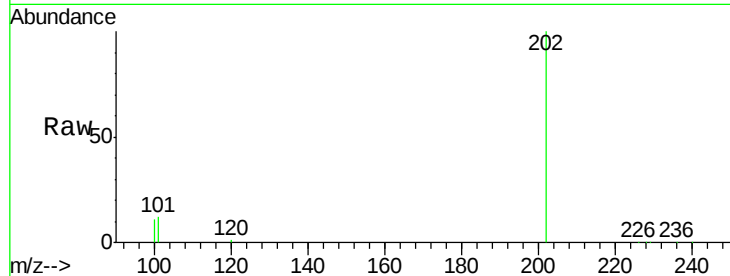
Tot Ion:202 Resp: 18208

Ion Ratio Lower Upper

202 100

101 11.9 18.2 27.4#

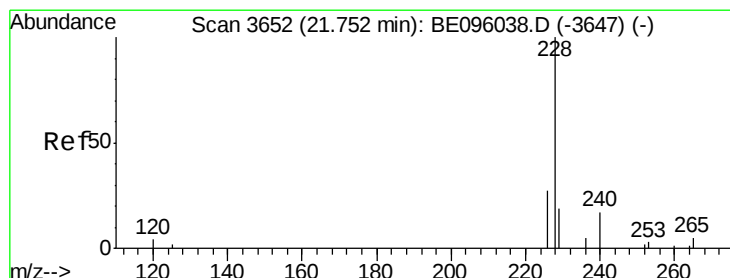
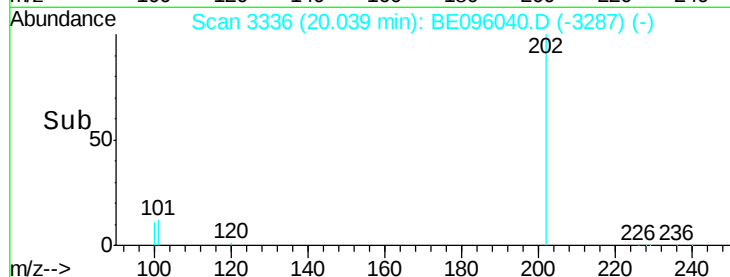
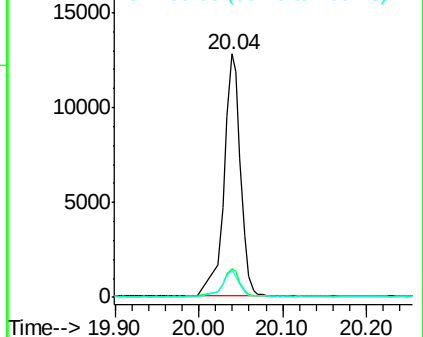
100 11.3 15.6 23.4#



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: 0.349 ng/ul

RT: 21.75 min Scan# 3652

Delta R.T. -0.01 min

Lab File: BE096040.D

Acq: 20 Apr 2018 14:35

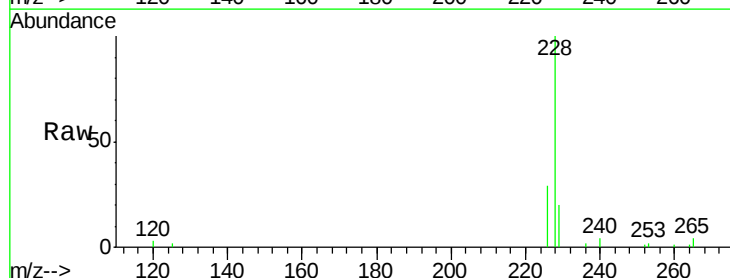
Tgt Ion:228 Resp: 11524

Ion Ratio Lower Upper

228 100

229 19.9 22.8 34.2#

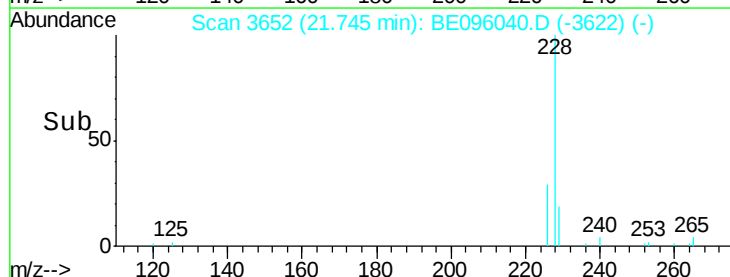
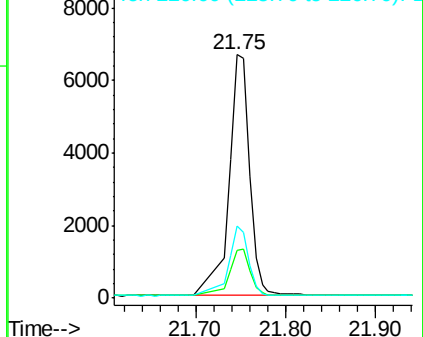
226 29.4 17.0 25.6#

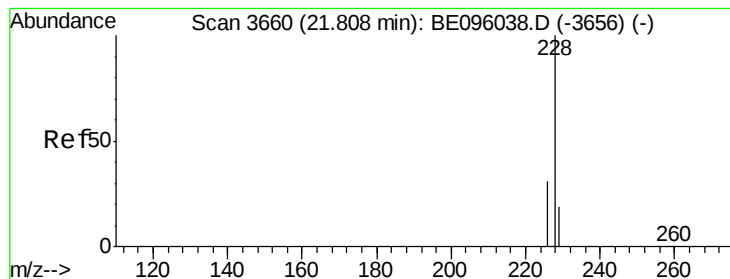


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.485 ng/ul

RT: 21.75 min Scan# 3652

Delta R.T. -0.06 min

Lab File: BE096040.D

Acq: 20 Apr 2018 14:35

Instrument :

BNA_E

ClientSampleId :

A3XS4

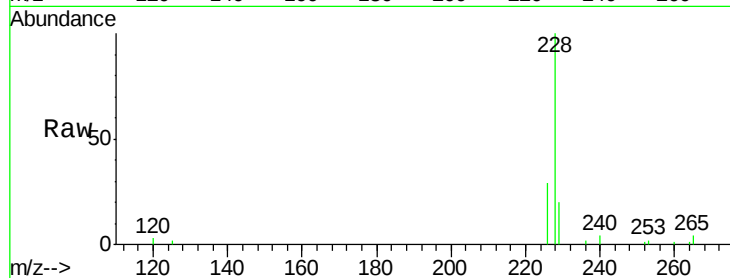
Tot Ion:228 Resp: 11524

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.0

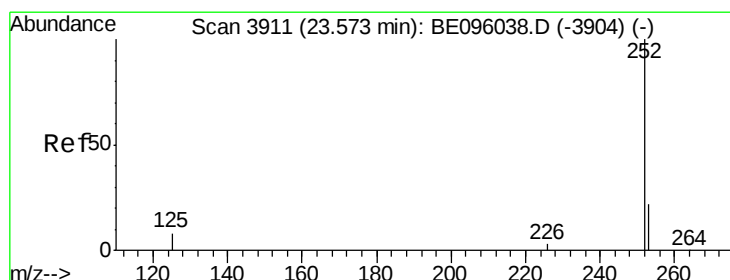
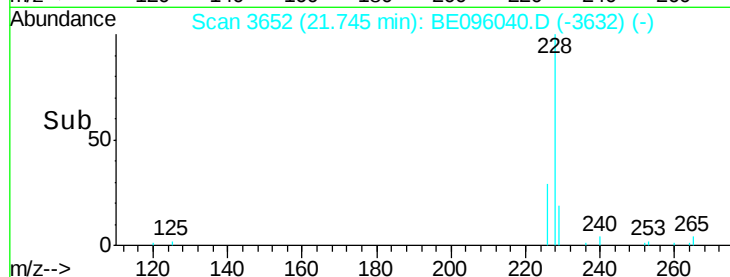
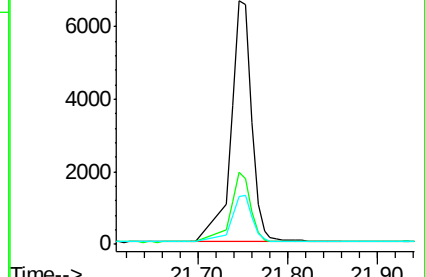
229 19.9 17.7 26.5



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: 0.661 ng/ul

RT: 23.57 min Scan# 3911

Delta R.T. -0.01 min

Lab File: BE096040.D

Acq: 20 Apr 2018 14:35

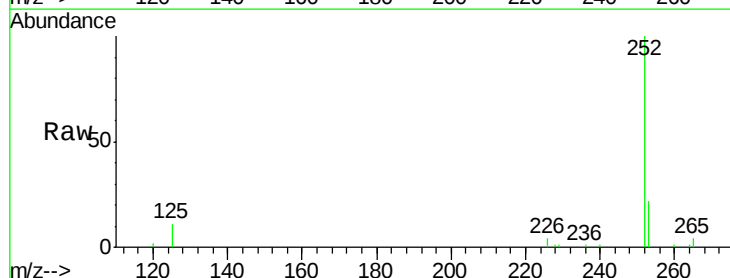
Tgt Ion:252 Resp: 14256

Ion Ratio Lower Upper

252 100

253 22.1 0.0 64.2

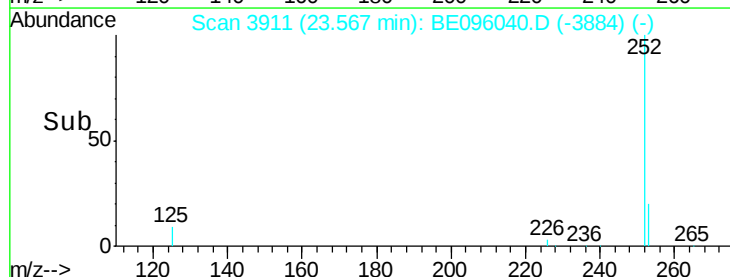
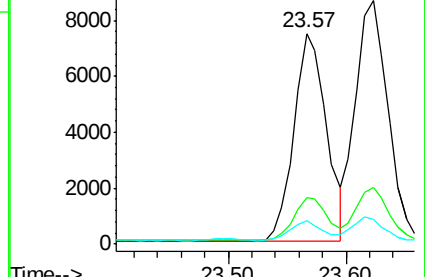
125 11.1 0.0 35.0

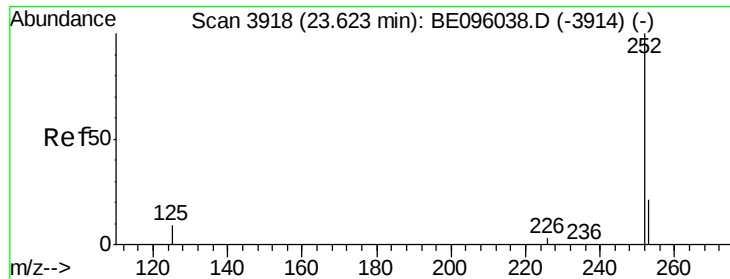


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.772 ng/ul

RT: 23.62 min Scan# 3919

Delta R.T. 0.00 min

Lab File: BE096040.D

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A3XS4

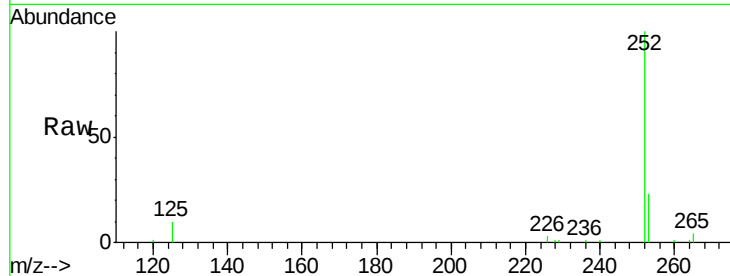
Tot Ion:252 Resp: 16587

Ion Ratio Lower Upper

252 100

253 23.3 24.5 36.7#

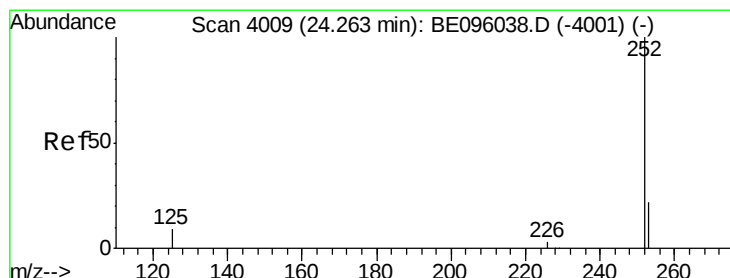
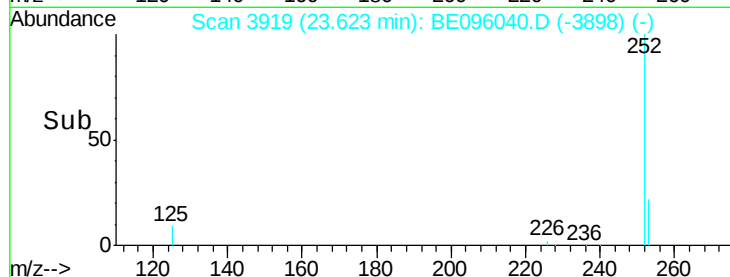
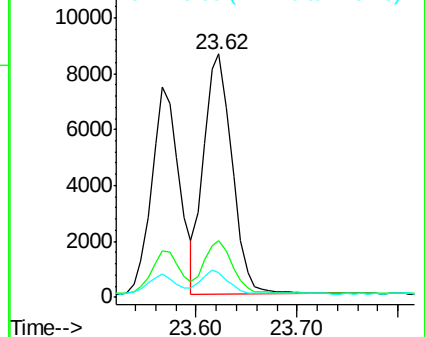
125 10.1 13.7 20.5#



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: 0.418 ng/ul

RT: 24.26 min Scan# 4010

Delta R.T. 0.00 min

Lab File: BE096040.D

Acq: 20 Apr 2018 14:35

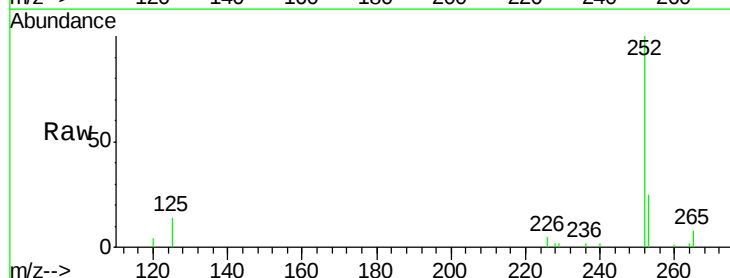
Tgt Ion:252 Resp: 8698

Ion Ratio Lower Upper

252 100

253 24.8 28.5 42.7#

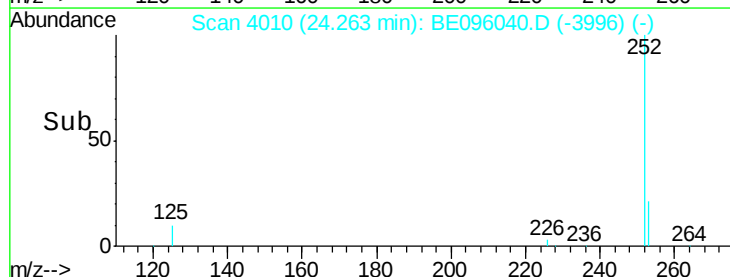
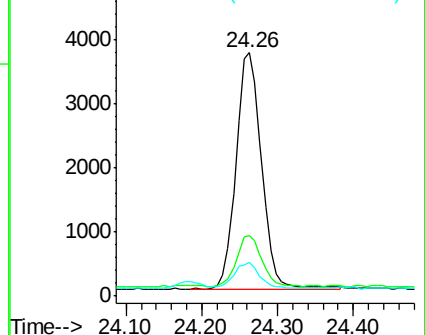
125 13.6 18.1 27.1#

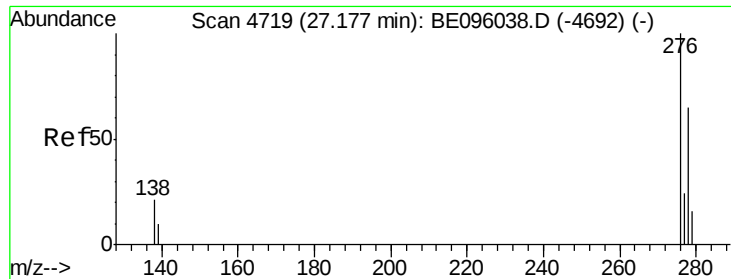


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

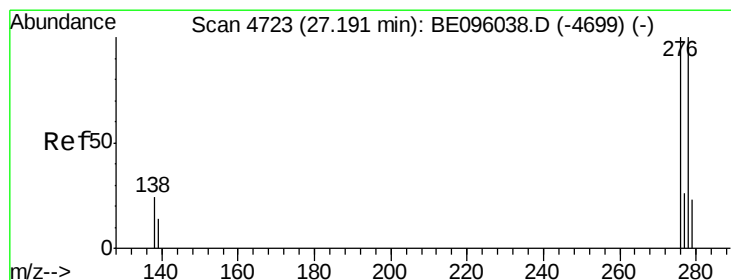
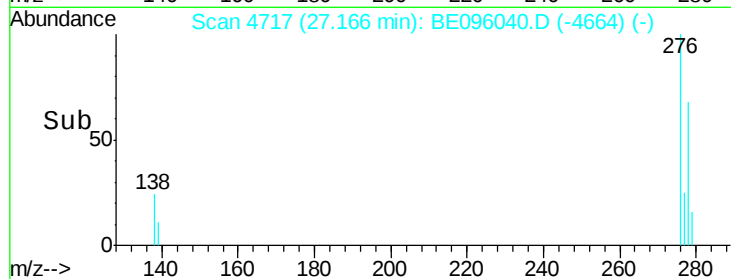
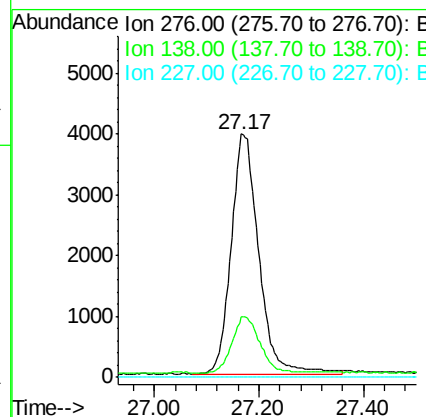
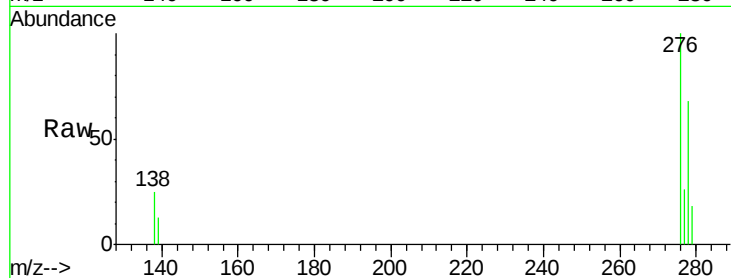




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.625 ng/ul
 RT: 27.17 min Scan# 4717
 Delta R.T. -0.01 min
 Lab File: BE096040.D
 Acq: 20 Apr 2018 14:35

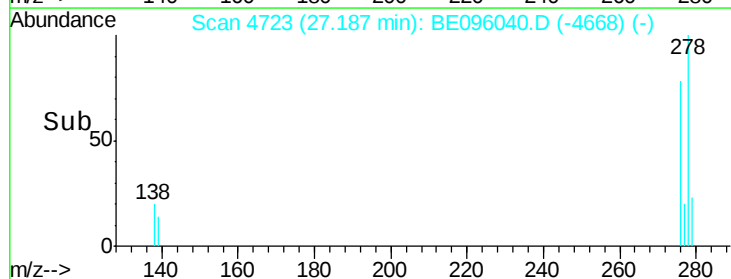
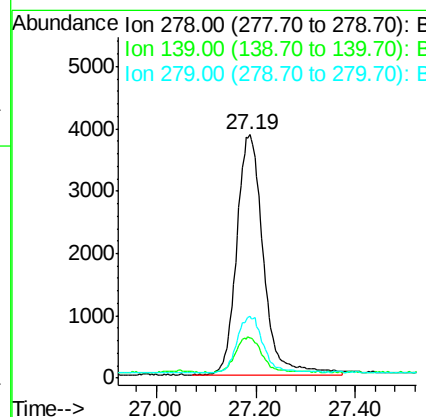
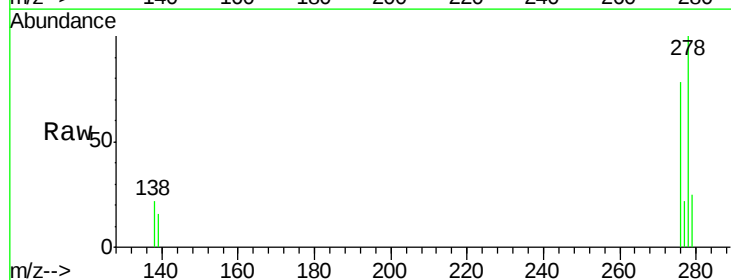
Instrument :
 BNA_E
 ClientSampleId :
 A3XS4

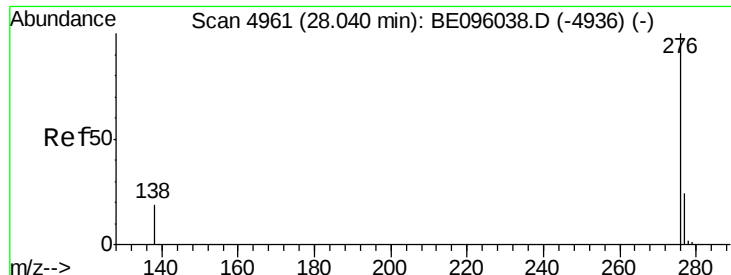
Tot Ion:276 Resp: 14451
 Ion Ratio Lower Upper
 276 100
 138 23.4 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.769 ng/ul
 RT: 27.19 min Scan# 4723
 Delta R.T. -0.00 min
 Lab File: BE096040.D
 Acq: 20 Apr 2018 14:35

Tgt Ion:278 Resp: 14320
 Ion Ratio Lower Upper
 278 100
 139 16.5 17.4 26.0#
 279 25.5 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.806 ng/ul

RT: 28.04 min Scan# 4963

Delta R.T. 0.00 min

Lab File: BE096040.D

Acq: 20 Apr 2018 14:35

Instrument :

BNA_E

ClientSampleId :

A3XS4

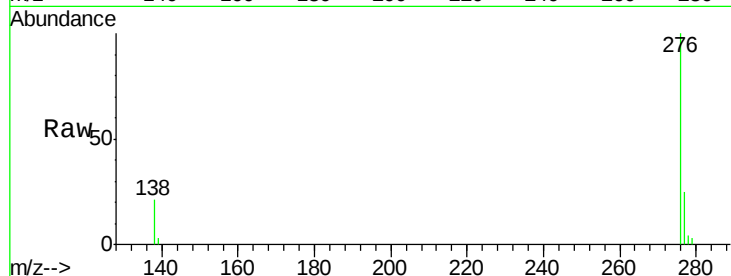
Tot Ion: 276 Resp: 15570

Ion Ratio Lower Upper

276 100

138 21.0 21.8 32.8#

277 25.3 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

