

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096143.D
 Acq On : 25 Apr 2018 11:06
 Operator : SJ/JU
 Sample : J2431-25
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 26 04:18:34 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 04:18:04 2018
 Response via : Initial Calibration

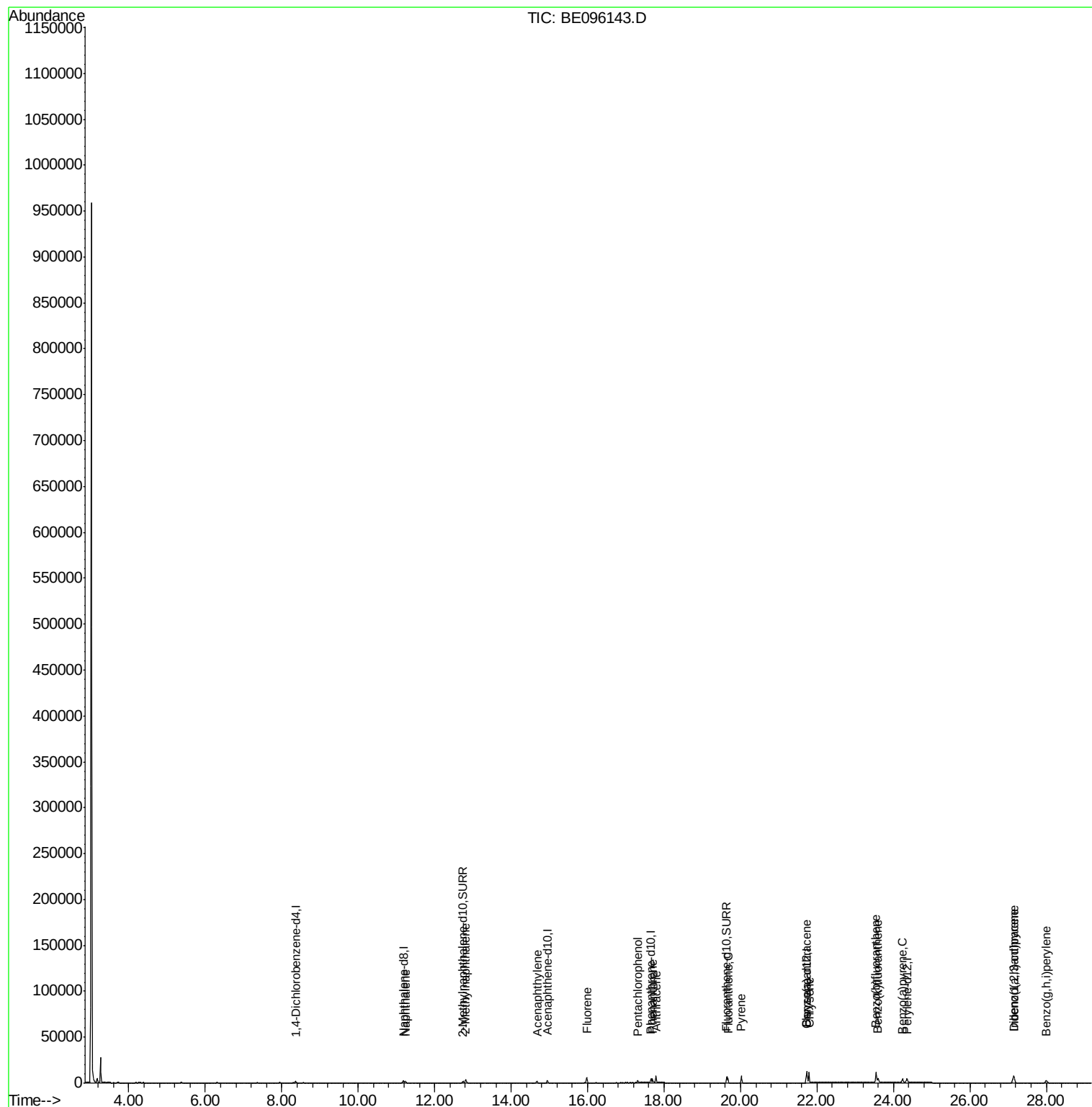
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	835	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3010	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1622	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4680	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	6428	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5431	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1911	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	7957	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	2780	0.332	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	3367	0.600	ng/ul	99
7) Acenaphthylene	14.68	152	2348	0.281	ng/ul	98
9) Fluorene	15.98	166	4004	0.502	ng/ul	93
11) Pentachlorophenol	17.31	266	1236	1.097	ng/ul	97
12) Phenanthrene	17.70	178	4860	0.353	ng/ul#	89
13) Anthracene	17.79	178	7565	0.547	ng/ul#	92
15) Fluoranthene	19.67	202	6416	0.305	ng/ul	84
17) Pyrene	20.02	202	4048	0.314	ng/ul#	79
18) Benzo(a)anthracene	21.73	228	8403	0.432	ng/ul#	84
19) Chrysene	21.79	228	9700	0.542	ng/ul	96
21) Benzo(b)fluoranthene	23.55	252	14564	0.708	ng/ul	84
22) Benzo(k)fluoranthene	23.59	252	6491	0.330	ng/ul#	88
23) Benzo(a)pyrene	24.23	252	6194	0.347	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	27.15	276	3424	0.142	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.14	278	13585	0.674	ng/ul#	87
26) Benzo(a,h,i)perylene	27.99	276	5986	0.286	ng/ul	95

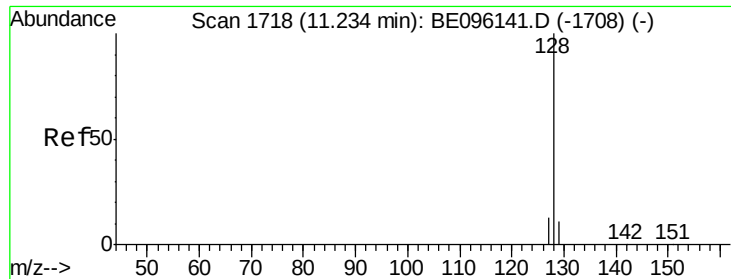
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.332 ng/ul

RT: 11.23 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BE096143.D

Acq: 25 Apr 2018 11:06

Instrument :

BNA_E

ClientSampleId :

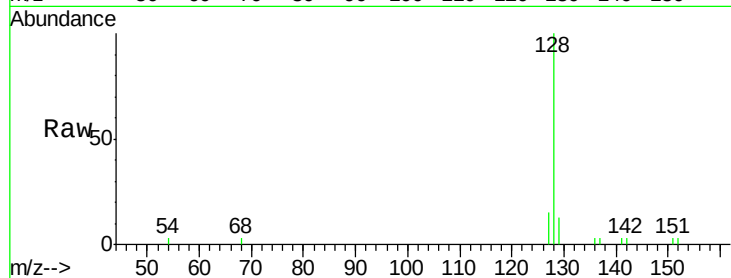
Tot Ion:128 Resp: 2780

Ion Ratio Lower Upper

128 100

129 12.9 11.3 16.9

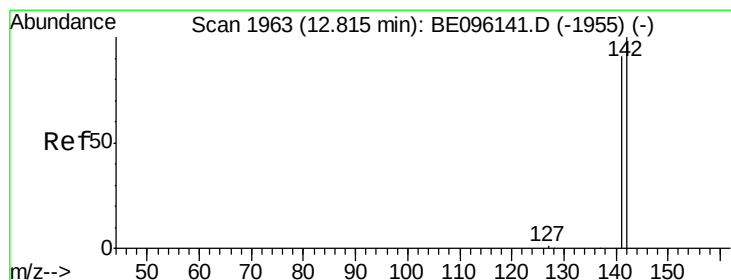
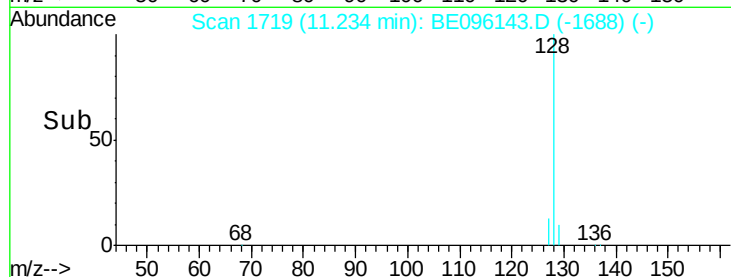
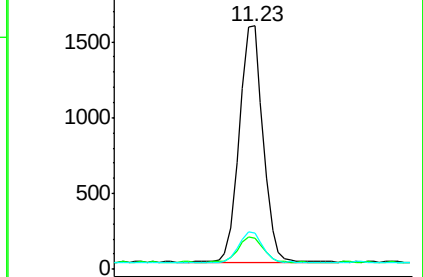
127 15.1 4.0 6.0#



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: 0.600 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BE096143.D

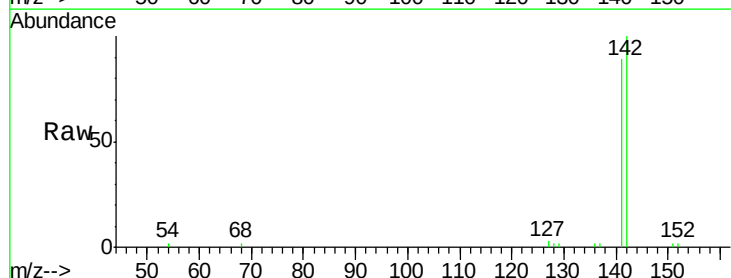
Acq: 25 Apr 2018 11:06

Tgt Ion:142 Resp: 3367

Ion Ratio Lower Upper

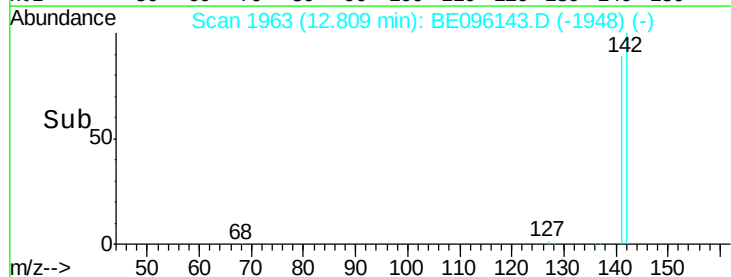
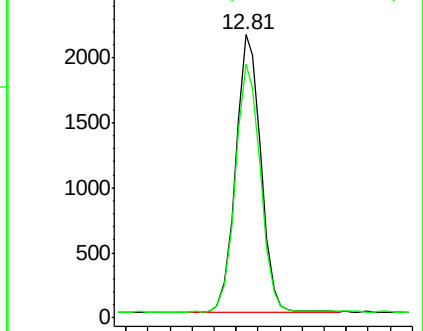
142 100

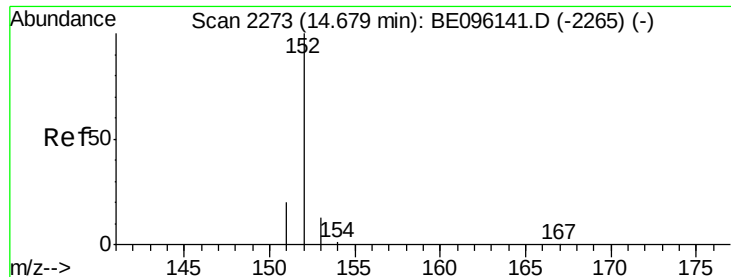
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.281 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BE096143.D

Acq: 25 Apr 2018 11:06

Instrument :

BNA_E

ClientSampleId :

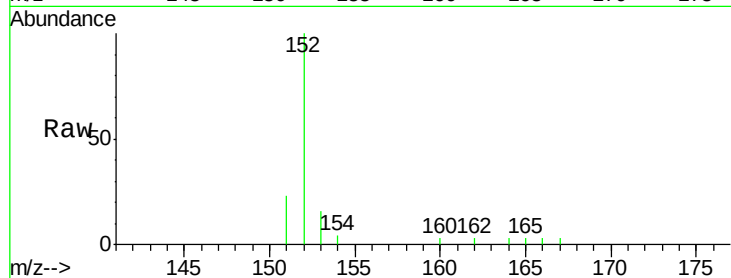
Tot Ion:152 Resp: 2348

Ion Ratio Lower Upper

152 100

151 22.5 17.1 25.7

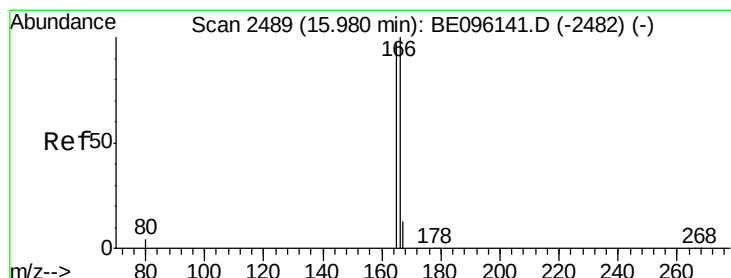
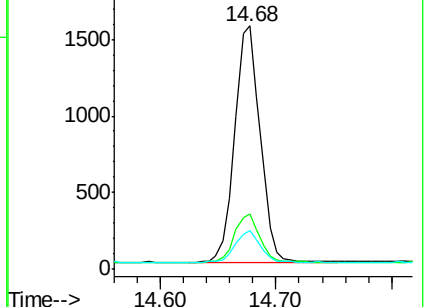
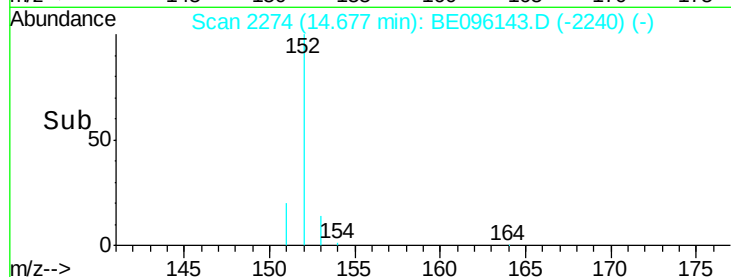
153 16.1 12.8 19.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#9

Fluorene

Concen: 0.502 ng/ul

RT: 15.98 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BE096143.D

Acq: 25 Apr 2018 11:06

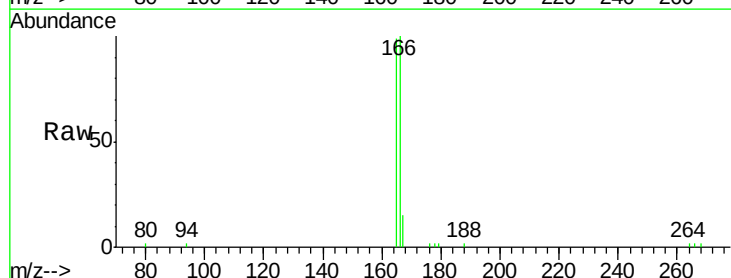
Tgt Ion:166 Resp: 4004

Ion Ratio Lower Upper

166 100

165 98.6 73.4 110.2

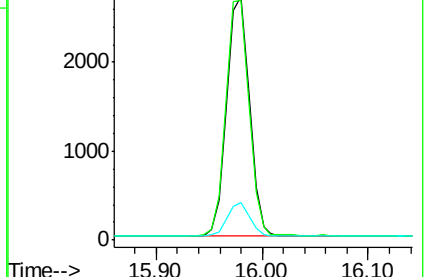
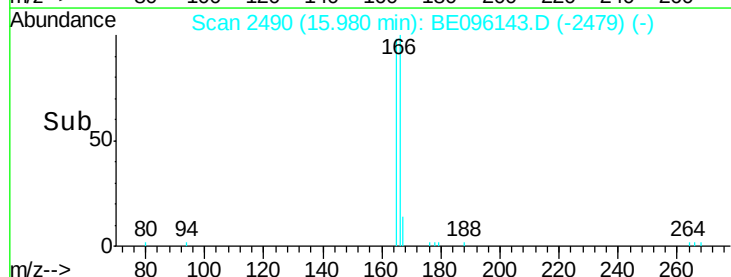
167 15.2 14.6 22.0

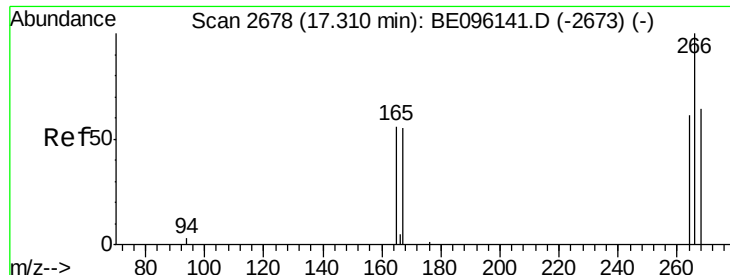


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

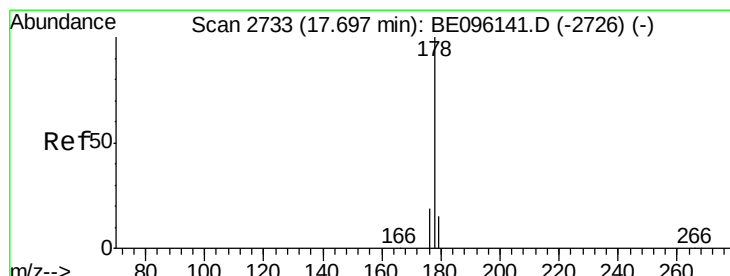
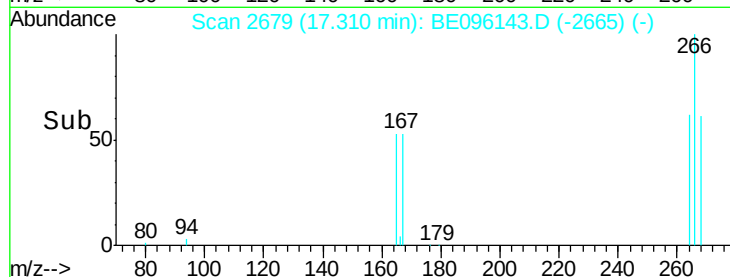
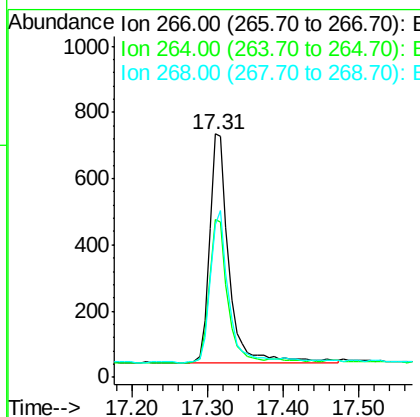
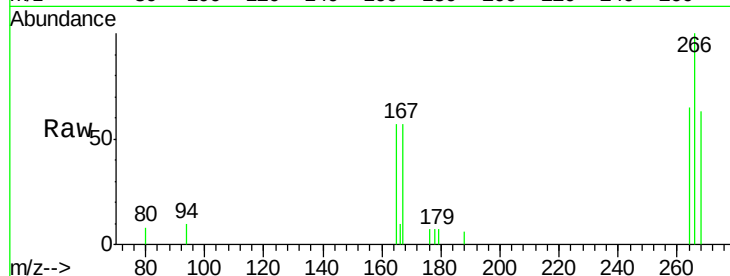




#11
 Pentachlorophenol
 Concen: 1.097 ng/ul
 RT: 17.31 min Scan# 2679
 Delta R.T. -0.00 min
 Lab File: BE096143.D
 Acq: 25 Apr 2018 11:06

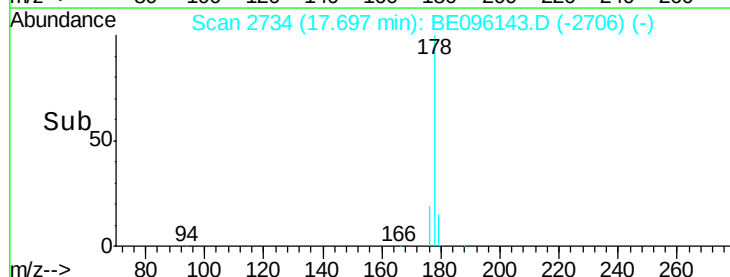
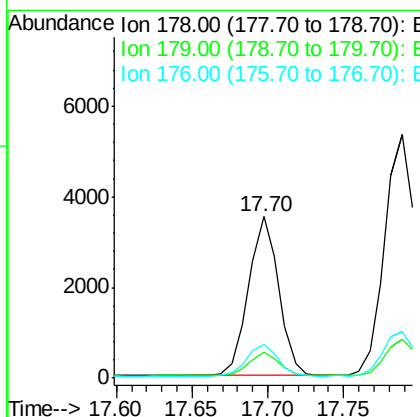
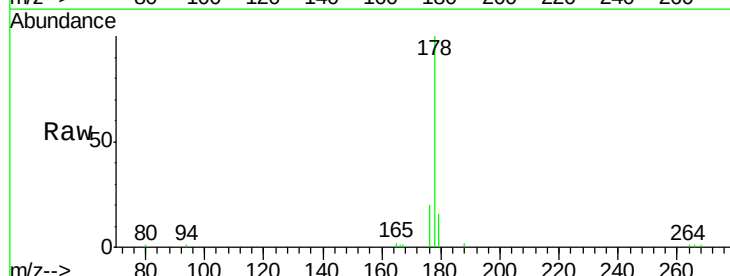
Instrument :
 BNA_E
 ClientSampleId :

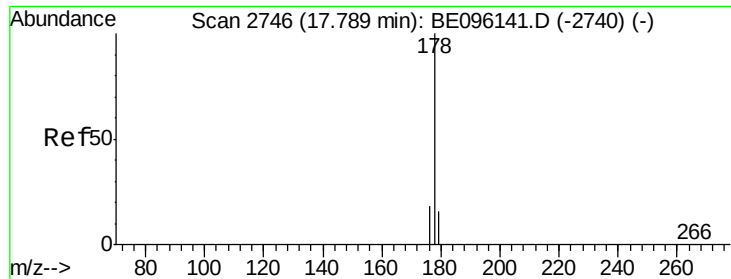
Tot Ion:266 Resp: 1236
 Ion Ratio Lower Upper
 266 100
 264 62.0 47.9 71.9
 268 64.8 49.8 74.8



#12
 Phenanthrene
 Concen: 0.353 ng/ul
 RT: 17.70 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: BE096143.D
 Acq: 25 Apr 2018 11:06

Tgt Ion:178 Resp: 4860
 Ion Ratio Lower Upper
 178 100
 179 16.2 18.4 27.6#
 176 20.5 13.6 20.4#





#13

Anthracene

Concen: 0.547 ng/ul

RT: 17.79 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BE096143.D

Acq: 25 Apr 2018 11:06

Instrument :

BNA_E

ClientSampleId :

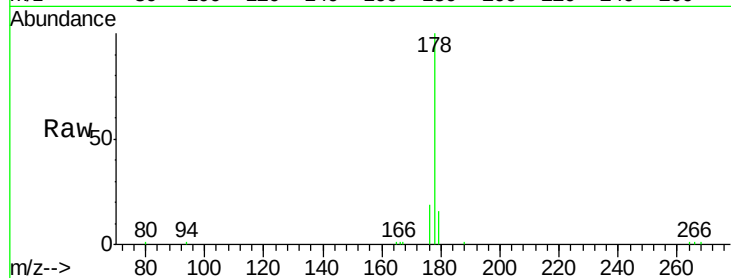
Tot Ion:178 Resp: 7565

Ion Ratio Lower Upper

178 100

179 16.0 18.1 27.1#

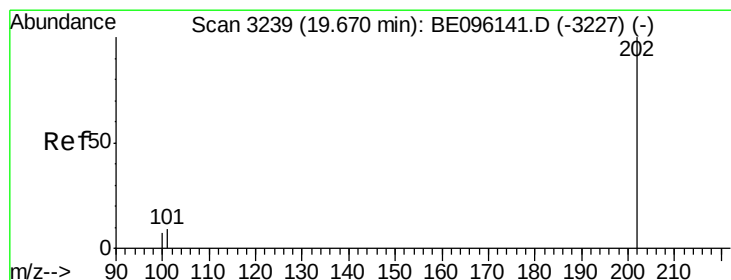
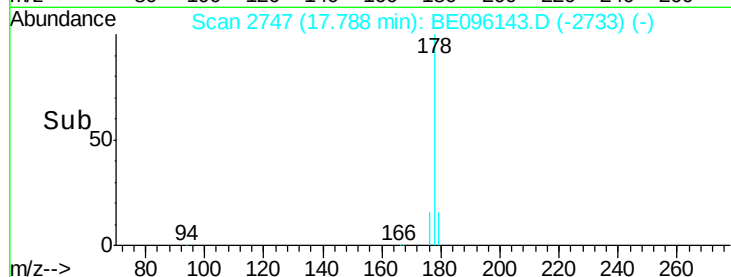
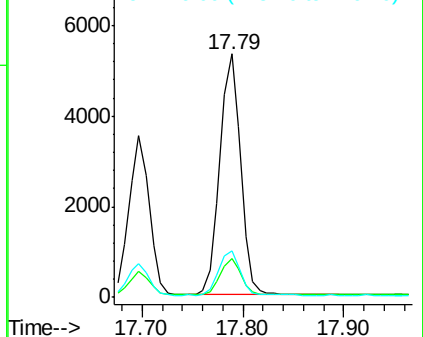
176 19.2 14.7 22.1



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: 0.305 ng/ul

RT: 19.67 min Scan# 3239

Delta R.T. -0.00 min

Lab File: BE096143.D

Acq: 25 Apr 2018 11:06

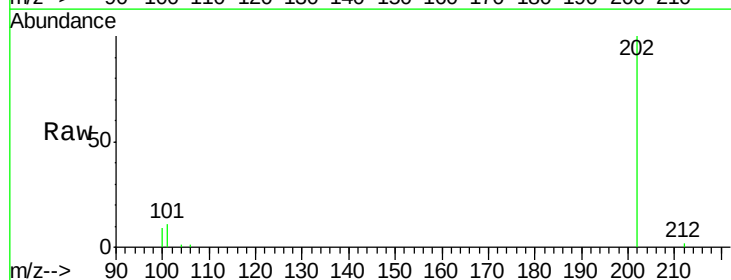
Tgt Ion:202 Resp: 6416

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.3

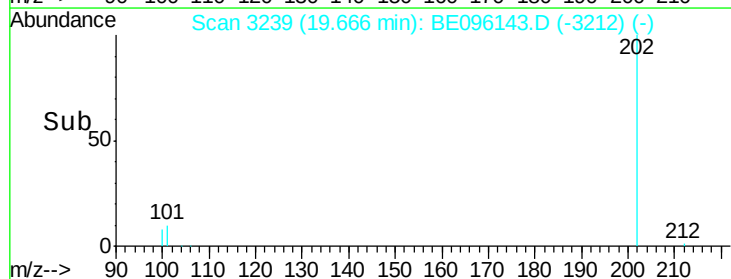
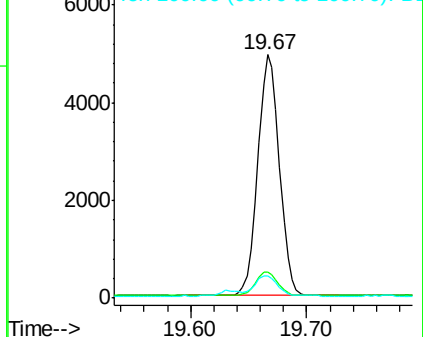
100 8.9 0.0 39.5

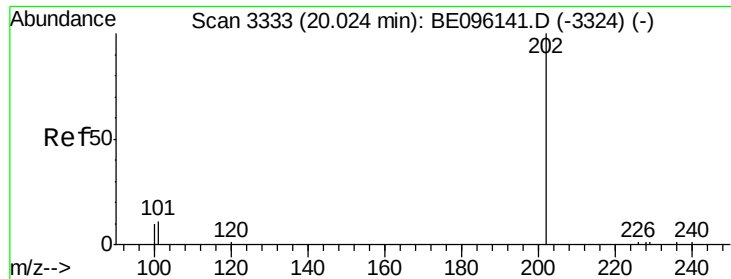


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

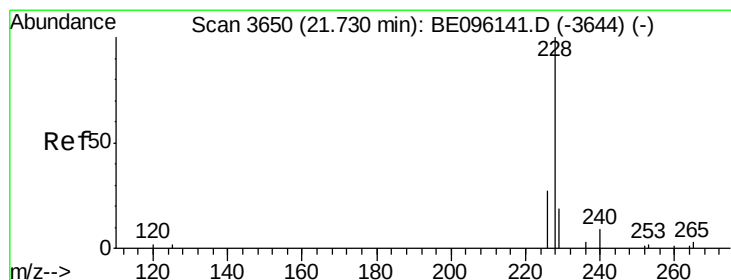
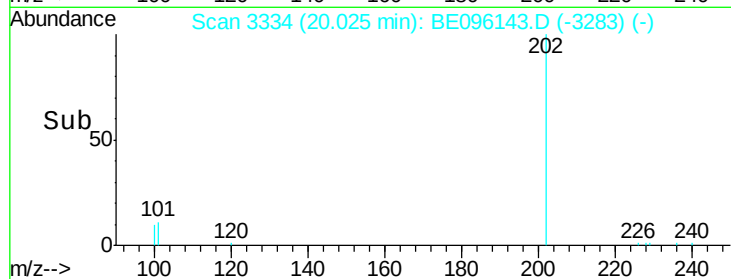
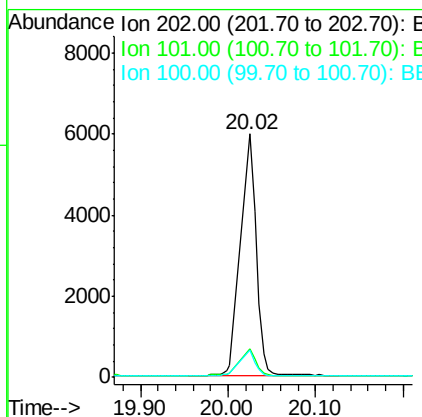
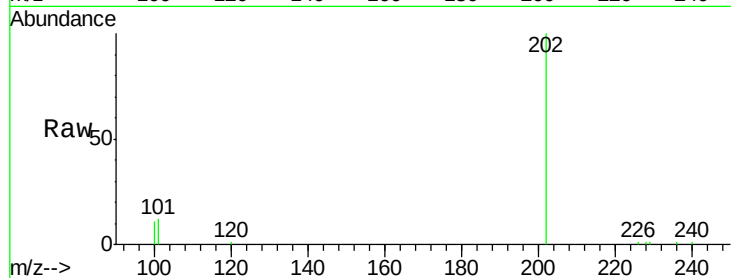




#17
 Pvrene
 Concen: 0.314 ng/ul
 RT: 20.02 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: BE096143.D
 Acq: 25 Apr 2018 11:06

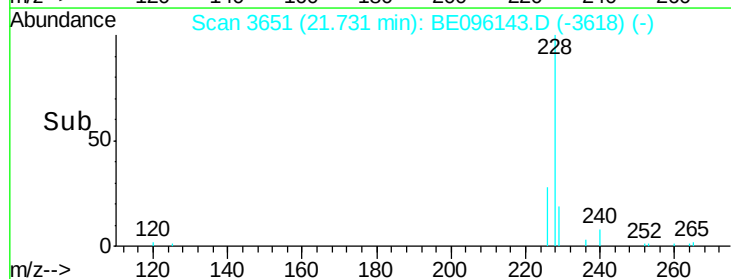
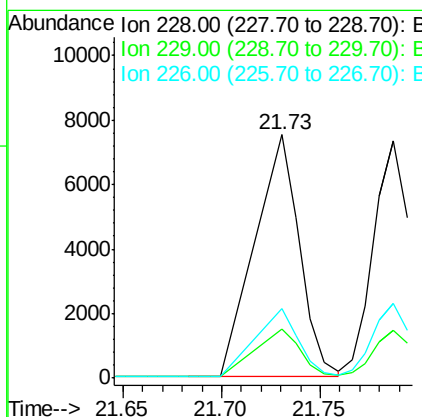
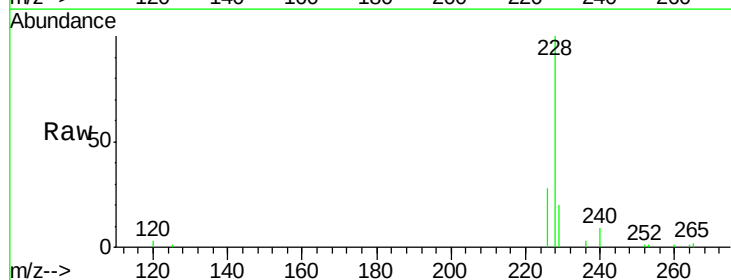
Instrument :
 BNA_E
 ClientSampleId :

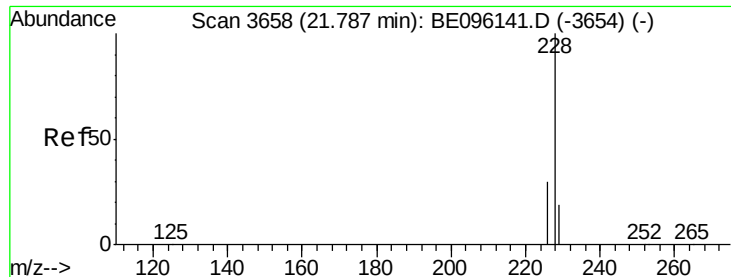
Tot Ion:202 Resp: 4048
 Ion Ratio Lower Upper
 202 100
 101 12.0 18.2 27.4#
 100 11.1 15.6 23.4#



#18
 Benzo(a)anthracene
 Concen: 0.432 ng/ul
 RT: 21.73 min Scan# 3651
 Delta R.T. 0.00 min
 Lab File: BE096143.D
 Acq: 25 Apr 2018 11:06

Tgt Ion:228 Resp: 8403
 Ion Ratio Lower Upper
 228 100
 229 20.0 22.8 34.2#
 226 28.4 17.0 25.6#





#19

Chrysene

Concen: 0.542 ng/ul

RT: 21.79 min Scan# 3659

Delta R.T. 0.00 min

Lab File: BE096143.D

Acq: 25 Apr 2018 11:06

Instrument :

BNA_E

ClientSampleId :

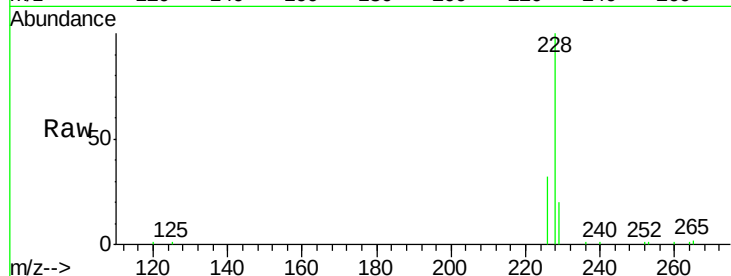
Tot Ion:228 Resp: 9700

Ion Ratio Lower Upper

228 100

226 31.7 23.4 35.0

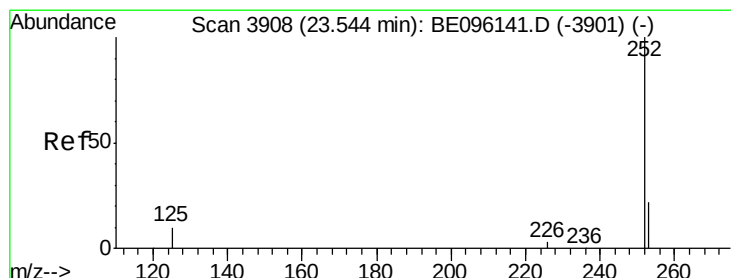
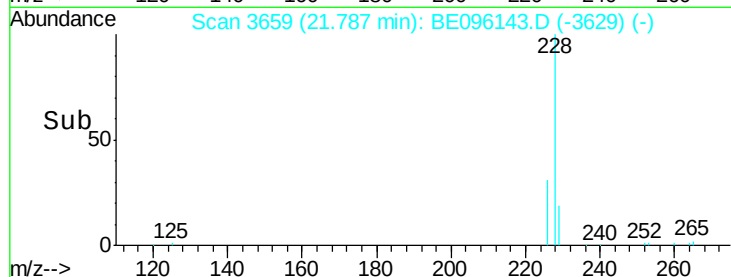
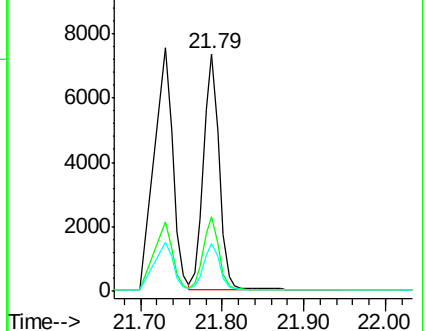
229 20.0 17.7 26.5



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: 0.708 ng/ul

RT: 23.55 min Scan# 3909

Delta R.T. 0.00 min

Lab File: BE096143.D

Acq: 25 Apr 2018 11:06

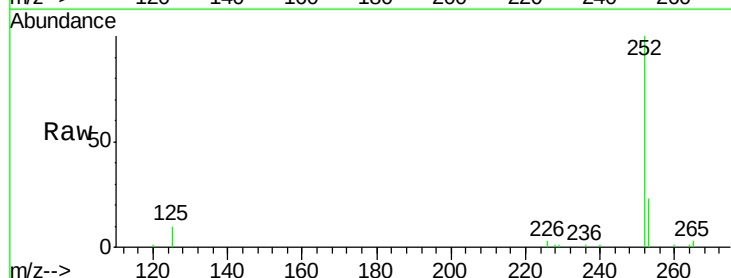
Tgt Ion:252 Resp: 14564

Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

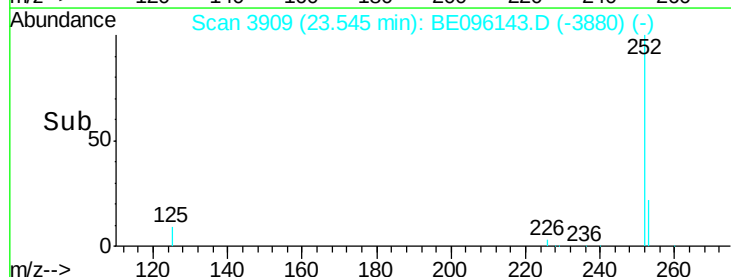
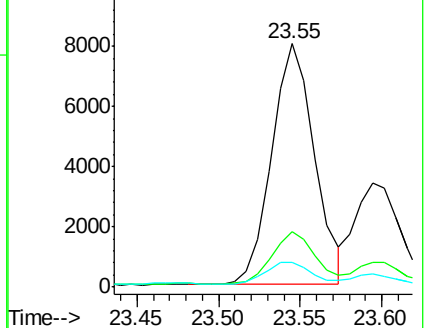
125 10.2 0.0 35.0

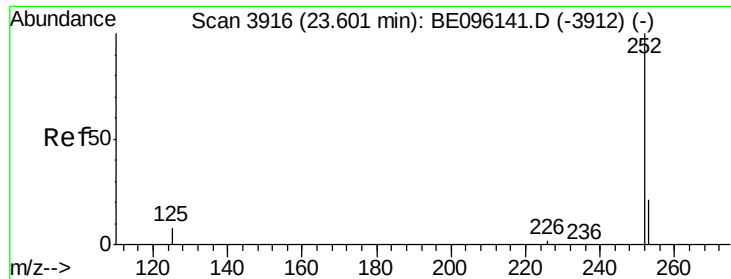


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.330 ng/ul

RT: 23.59 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BE096143.D

Acq: 25 Apr 2018 11:06

Instrument :

BNA_E

ClientSampleId :

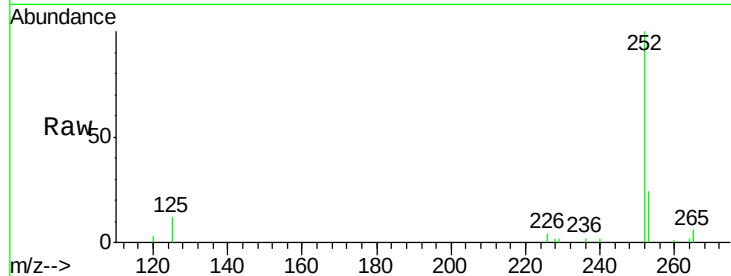
Tot Ion:252 Resp: 6491

Ion Ratio Lower Upper

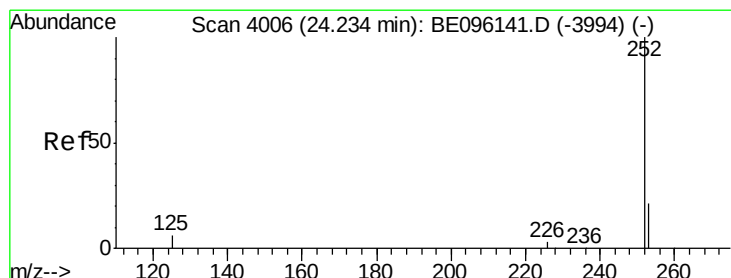
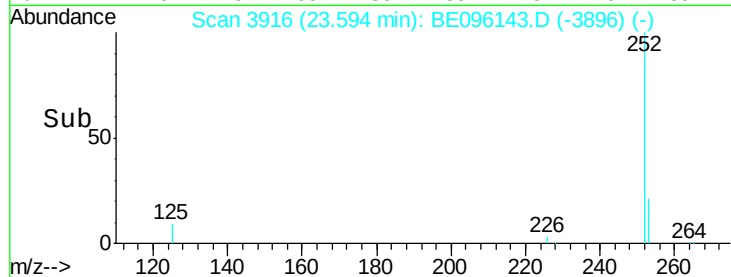
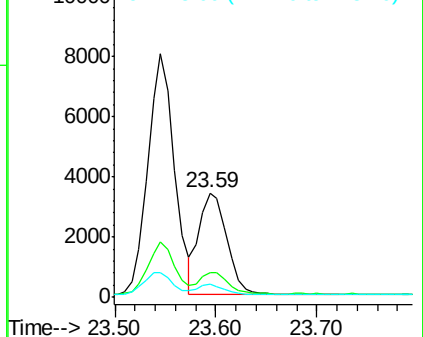
252 100

253 23.6 24.5 36.7#

125 12.1 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: 0.347 ng/ul

RT: 24.23 min Scan# 4007

Delta R.T. 0.00 min

Lab File: BE096143.D

Acq: 25 Apr 2018 11:06

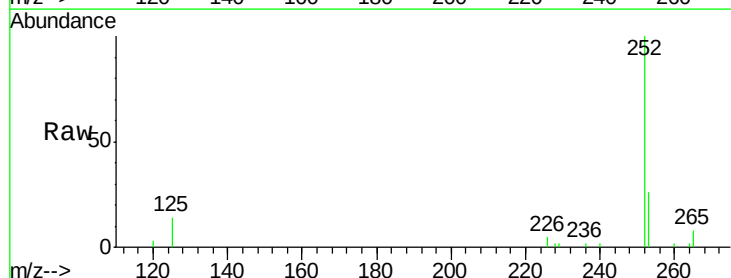
Tgt Ion:252 Resp: 6194

Ion Ratio Lower Upper

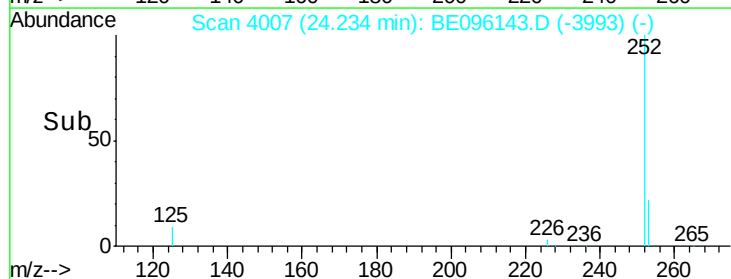
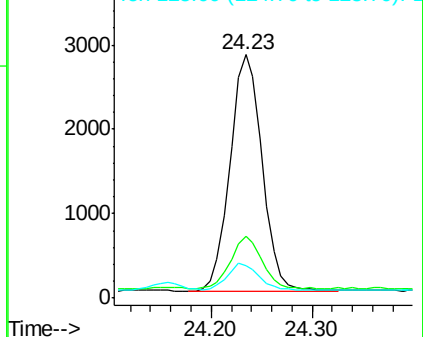
252 100

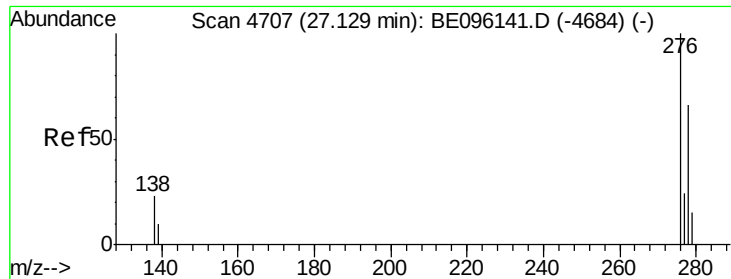
253 25.6 28.5 42.7#

125 13.5 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

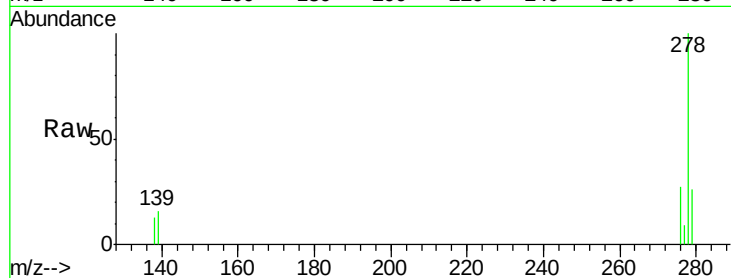




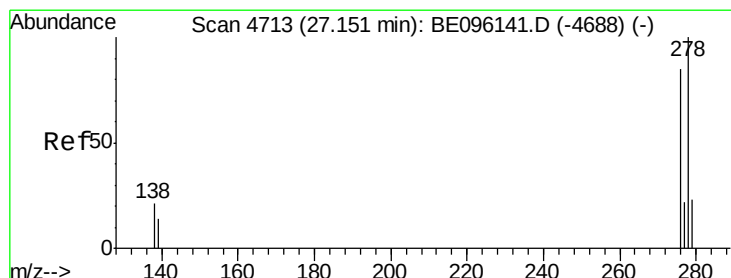
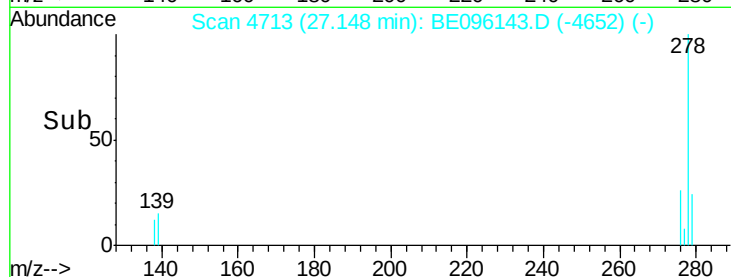
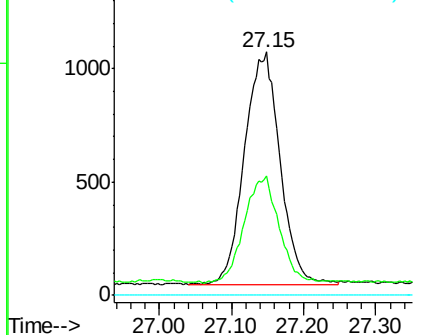
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.142 ng/ul
 RT: 27.15 min Scan# 4713
 Delta R.T. 0.02 min
 Lab File: BE096143.D
 Acq: 25 Apr 2018 11:06

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 3424
 Ion Ratio Lower Upper
 276 100
 138 46.2 28.0 42.0#
 227 0.0 8.0 12.0#

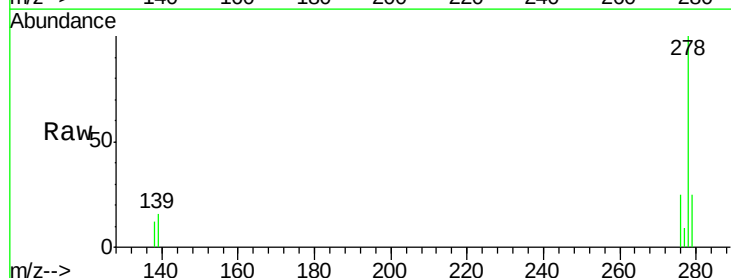


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

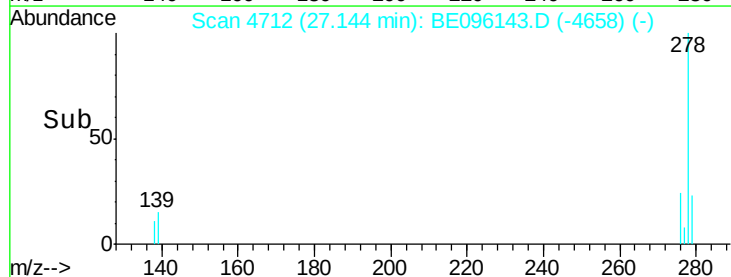
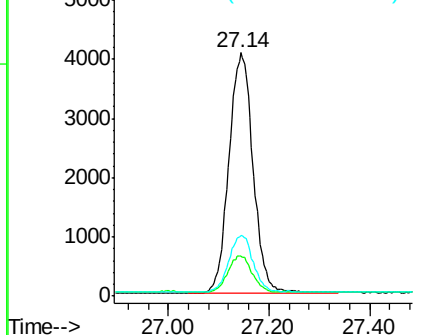


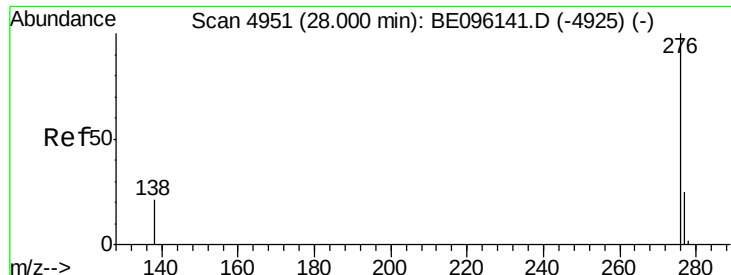
#25
 Dibenzo(a,h)anthracene
 Concen: 0.674 ng/ul
 RT: 27.14 min Scan# 4712
 Delta R.T. -0.01 min
 Lab File: BE096143.D
 Acq: 25 Apr 2018 11:06

Tgt Ion:278 Resp: 13585
 Ion Ratio Lower Upper
 278 100
 139 16.4 17.4 26.0#
 279 24.8 25.9 38.9#



Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.286 ng/ul

RT: 27.99 min Scan# 4950

Delta R.T. -0.01 min

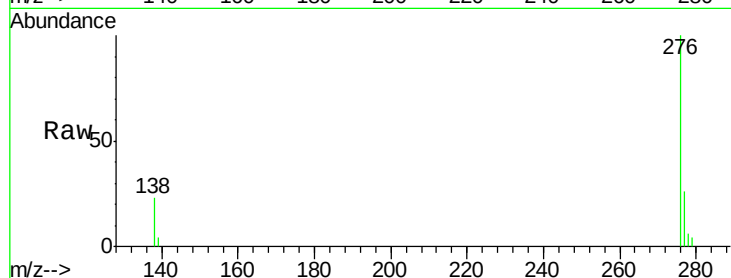
Lab File: BE096143.D

Acq: 25 Apr 2018 11:06

Instrument :

BNA_E

ClientSampleId :



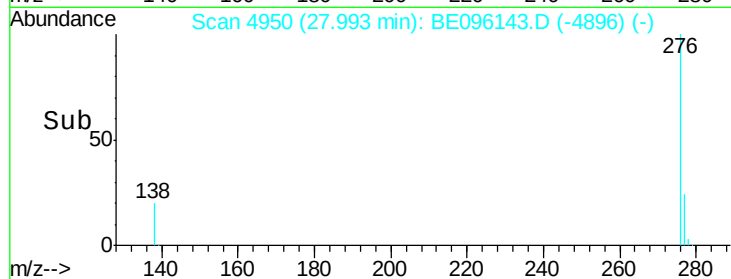
Tot Ion: 276 Resp: 5986

Ion Ratio Lower Upper

276 100

138 23.1 21.8 32.8

277 26.1 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

