

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096134.D
 Acq On : 24 Apr 2018 23:56
 Operator : SJ/JU
 Sample : J2467-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

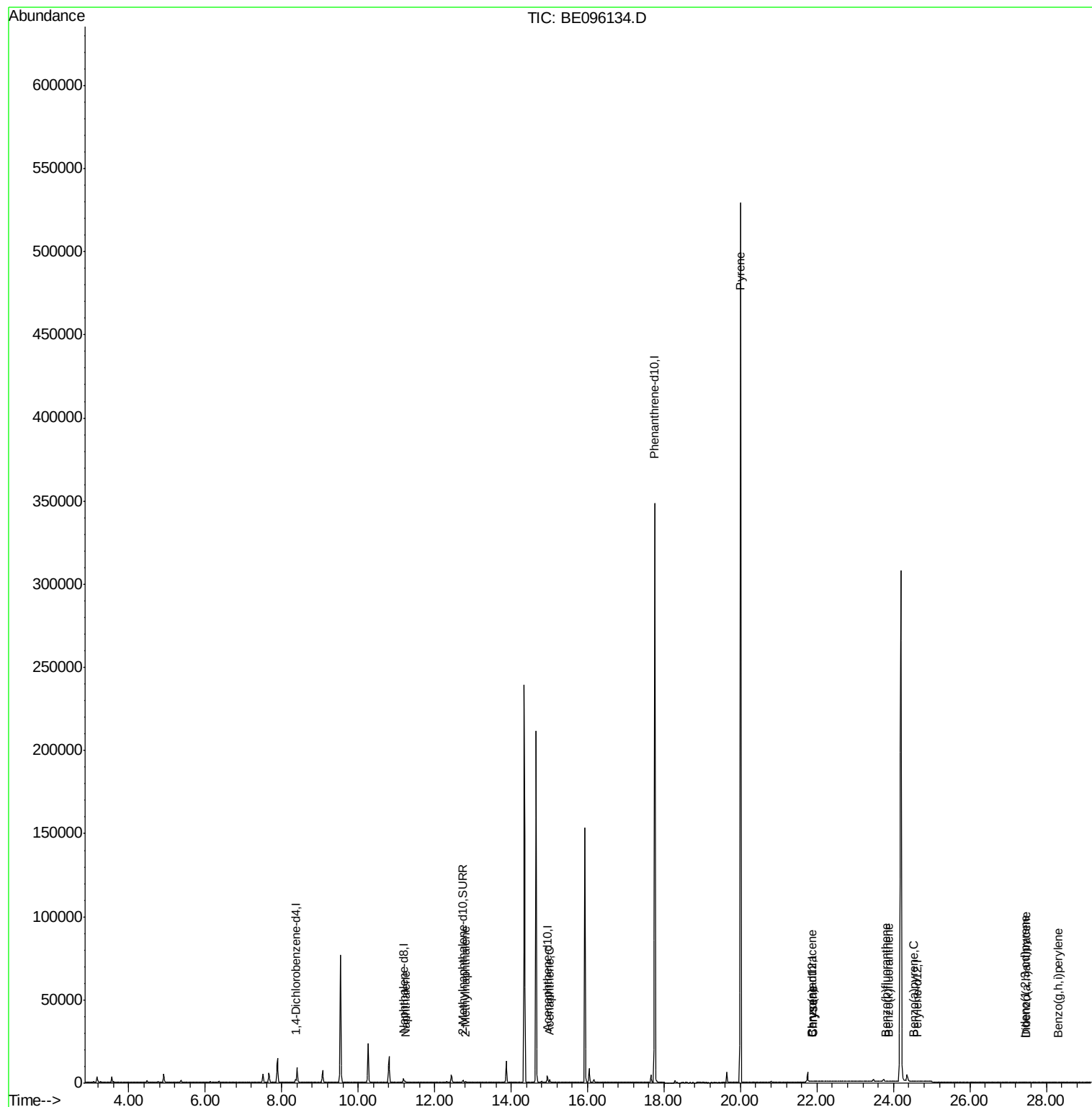
Quant Time: Apr 25 05:29:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration

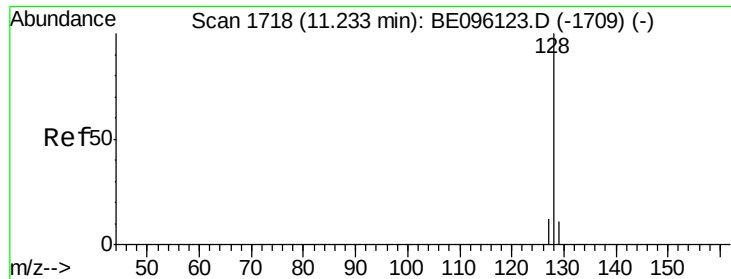
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	804	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3370	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2125	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	406877	0.40	ng/ul	0.10
16) Chrysene-d12	21.87	240	11	0.40	ng/ul	0.12
20) Perylene-d12	24.63	264	15	0.40	ng/ul	0.28
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1819	0.29	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	667	0.071	ng/ul#	73
5) 2-Methylnaphthalene	12.82	142	280	0.045	ng/ul	98
8) Acenaphthene	15.01	153	2117	0.268	ng/ul#	24
17) Pyrene	20.00	202	870	39.424	ng/ul#	1
18) Benzo(a)anthracene	21.86	228	16	0.480	ng/ul#	1
19) Chrysene	21.91	228	7	0.229	ng/ul#	1
21) Benzo(b)fluoranthene	23.79	252	11	0.194	ng/ul#	1
22) Benzo(k)fluoranthene	23.88	252	11	0.203	ng/ul#	1
23) Benzo(a)pyrene	24.52	252	5	0.101	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.44	276	3	0.045	ng/ul#	1
25) Dibenzo(a,h)anthracene	27.46	278	5	0.090	ng/ul#	1
26) Benzo(g,h,i)perylene	28.32	276	2	0.035	ng/ul#	1

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

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#3

Naphthalene

Concen: 0.071 ng/ul

RT: 11.23 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BE096134.D

Acq: 24 Apr 2018 23:56

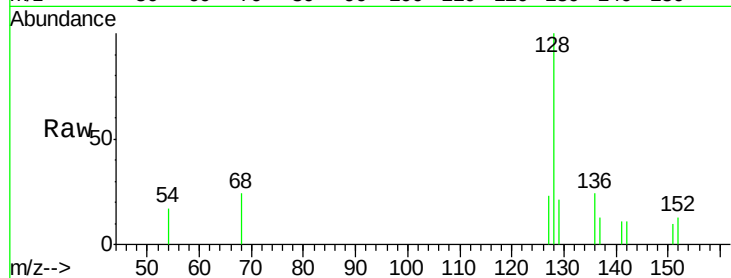
Tot Ion:128 Resp: 667

Ion Ratio Lower Upper

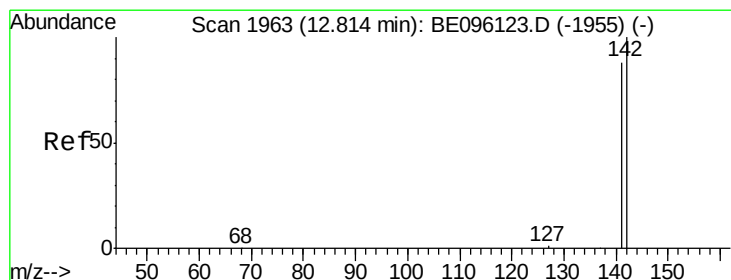
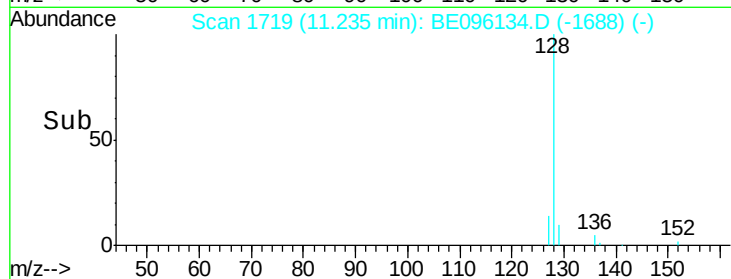
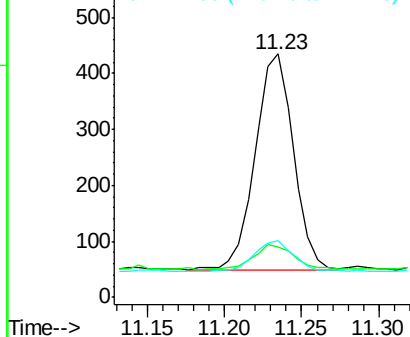
128 100

129 20.9 11.3 16.9#

127 23.4 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: 0.045 ng/ul

RT: 12.82 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BE096134.D

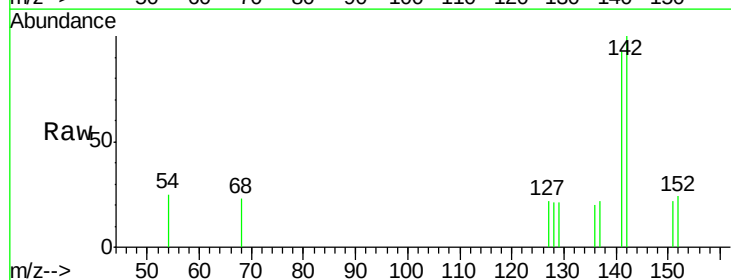
Acq: 24 Apr 2018 23:56

Tgt Ion:142 Resp: 280

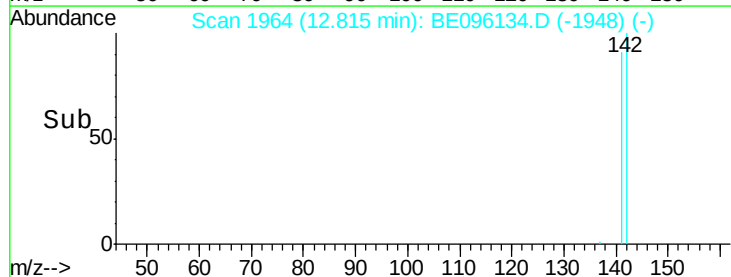
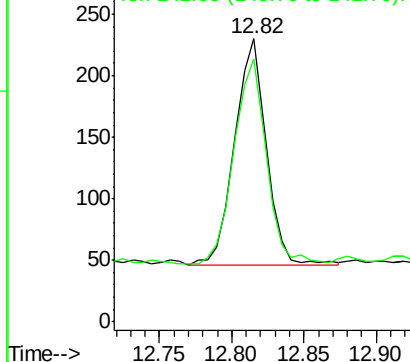
Ion Ratio Lower Upper

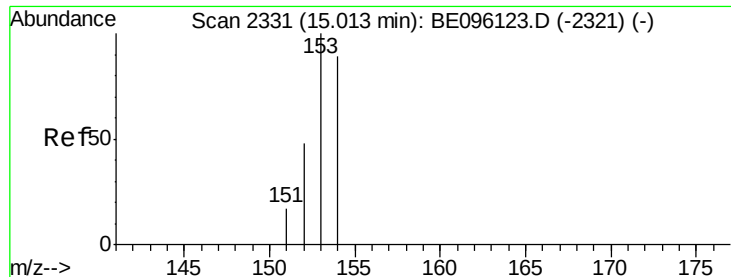
142 100

141 92.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.268 ng/ul

RT: 15.01 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BE096134.D

Acq: 24 Apr 2018 23:56

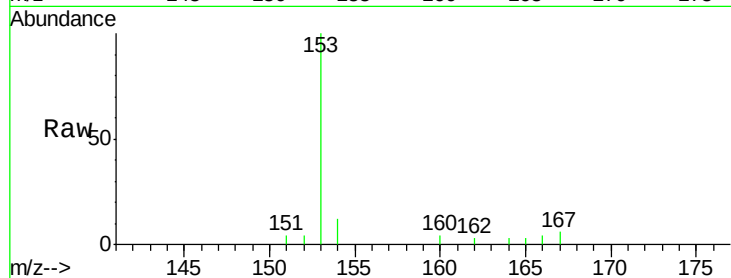
Tot Ion:153 Resp: 2117

Ion Ratio Lower Upper

153 100

152 4.4 36.0 54.0#

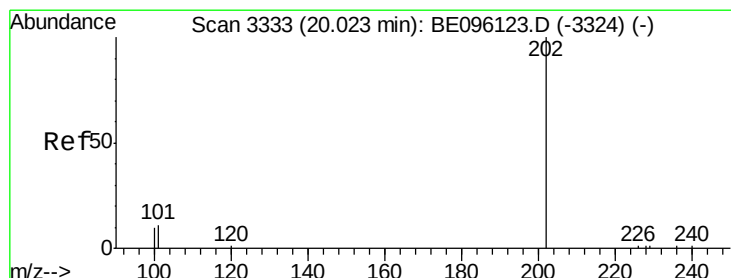
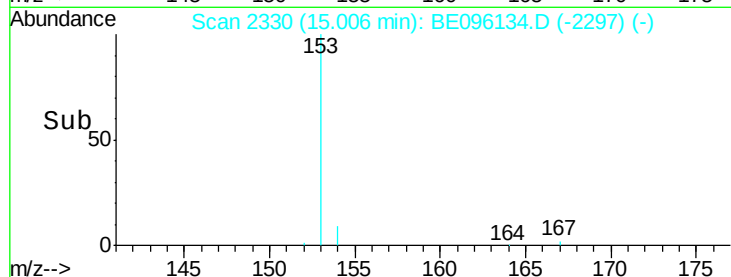
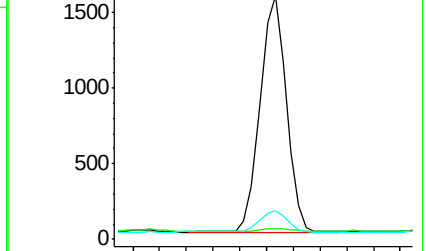
154 11.9 72.0 108.0#



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#17

Pyrene

Concen: 39.424 ng/ul

RT: 20.00 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BE096134.D

Acq: 24 Apr 2018 23:56

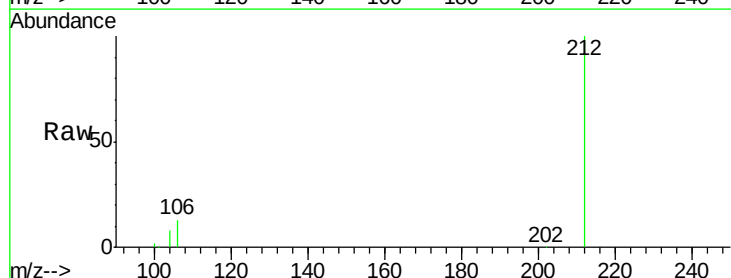
Tgt Ion:202 Resp: 870

Ion Ratio Lower Upper

202 100

101 168.4 18.2 27.4#

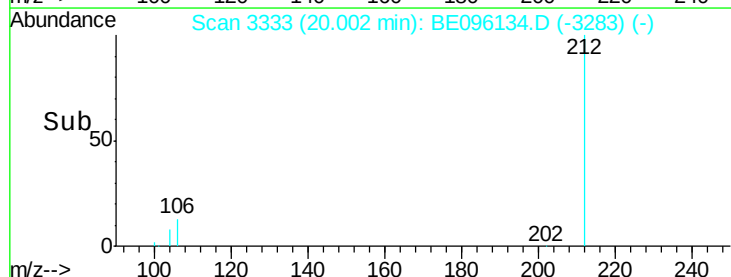
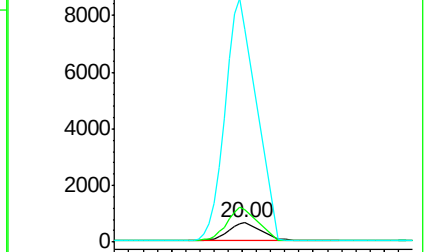
100 1091.6 15.6 23.4#

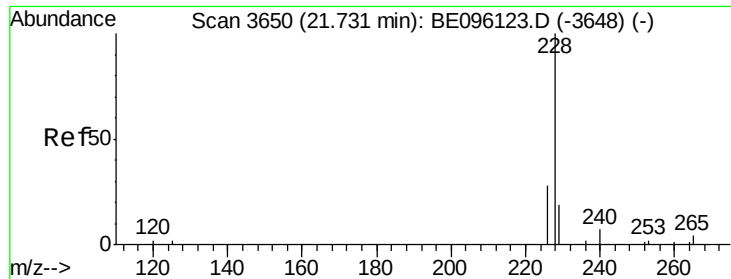


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.480 ng/ul

RT: 21.86 min Scan# 3669

Delta R.T. 0.13 min

Lab File: BE096134.D

Acq: 24 Apr 2018 23:56

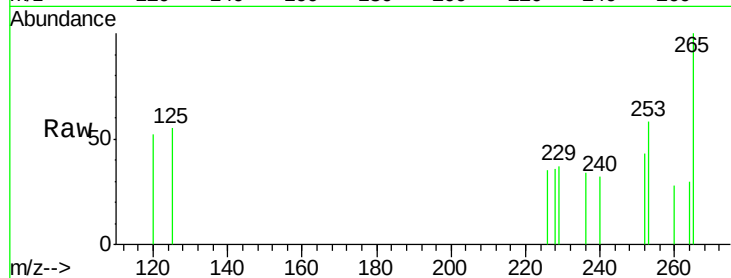
Tot Ion:228 Resp: 16

Ion Ratio Lower Upper

228 100

229 104.4 22.8 34.2#

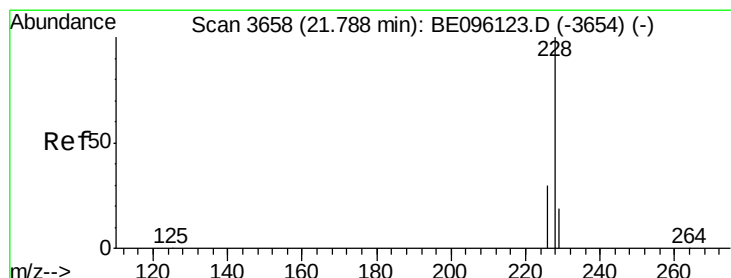
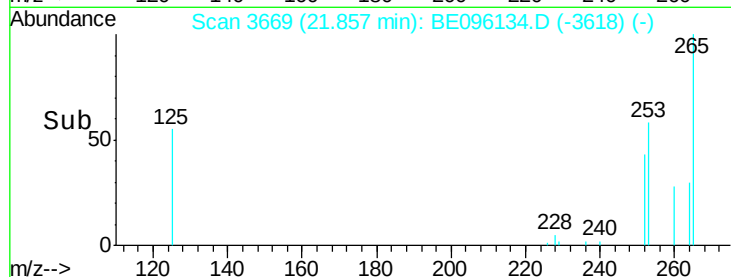
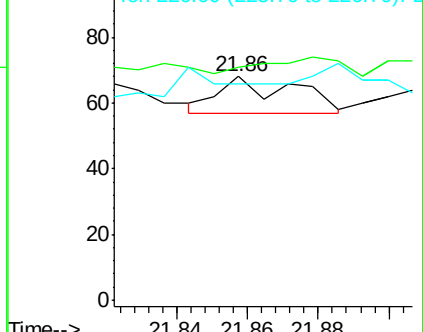
226 97.1 17.0 25.6#



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: 0.229 ng/ul

RT: 21.91 min Scan# 3676

Delta R.T. 0.12 min

Lab File: BE096134.D

Acq: 24 Apr 2018 23:56

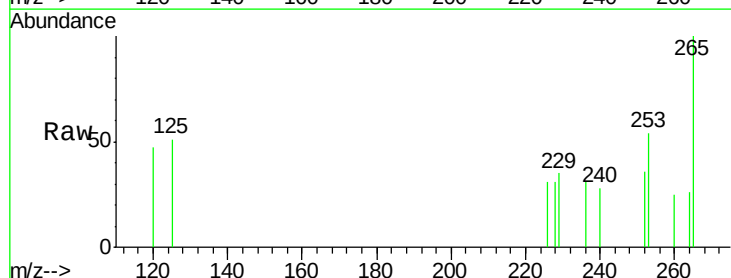
Tgt Ion:228 Resp: 7

Ion Ratio Lower Upper

228 100

226 98.4 23.4 35.0#

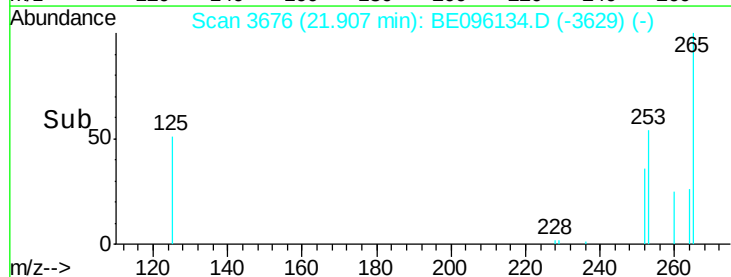
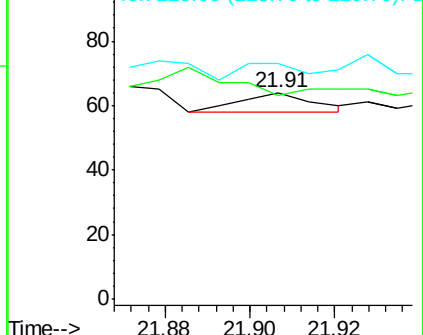
229 114.1 17.7 26.5#

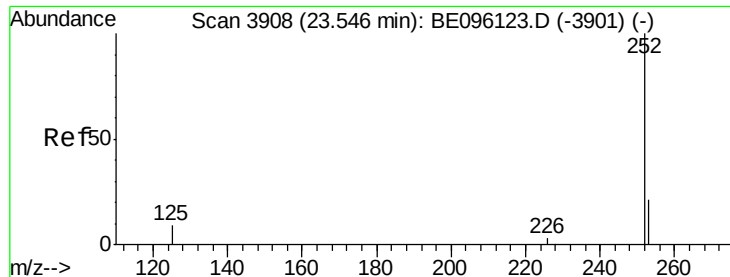


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

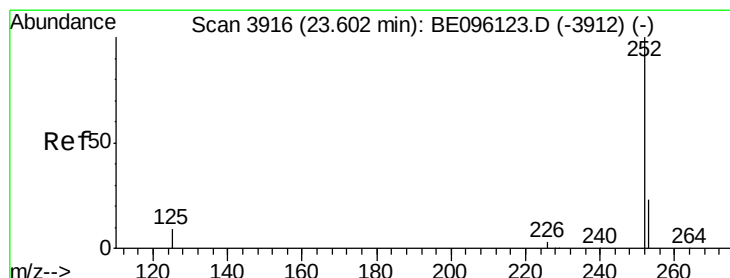
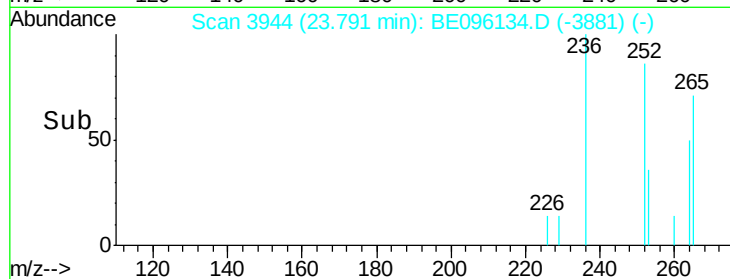
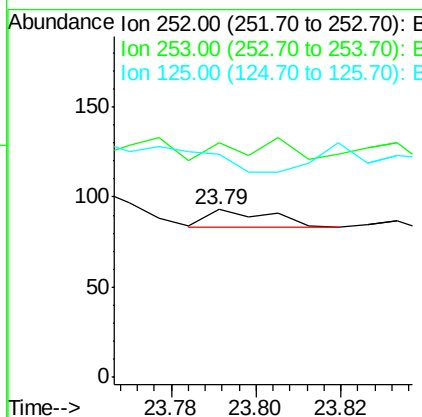
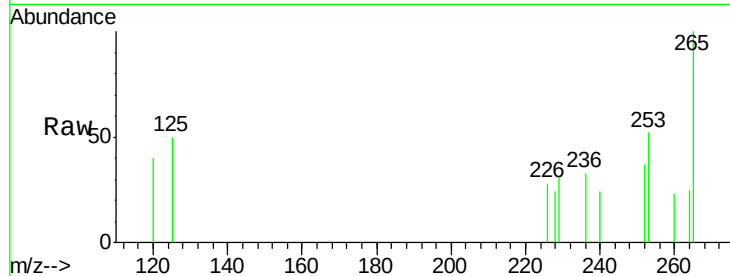
Ion 229.00 (228.70 to 229.70): E





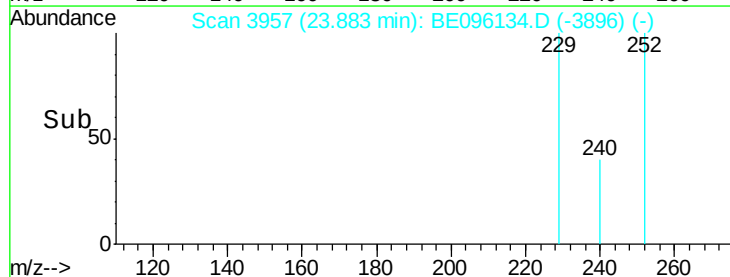
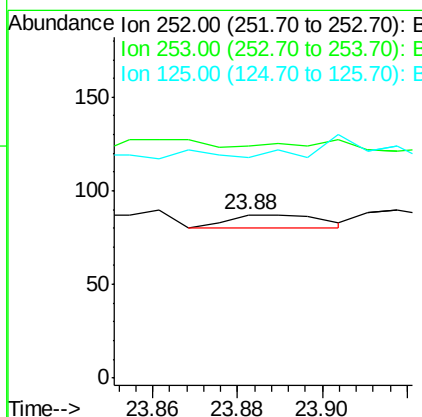
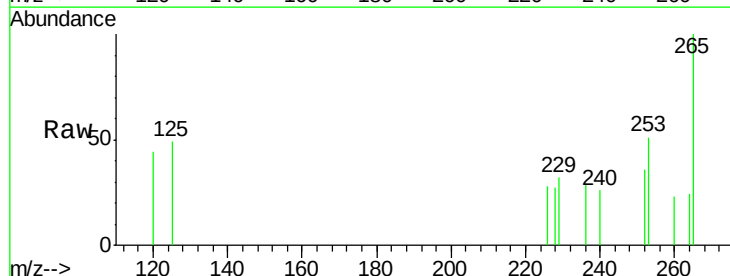
#21
Benzo(b)fluoranthene
Concen: 0.194 ng/ul
RT: 23.79 min Scan# 3944
Delta R.T. 0.25 min
Lab File: BE096134.D
Acq: 24 Apr 2018 23:56

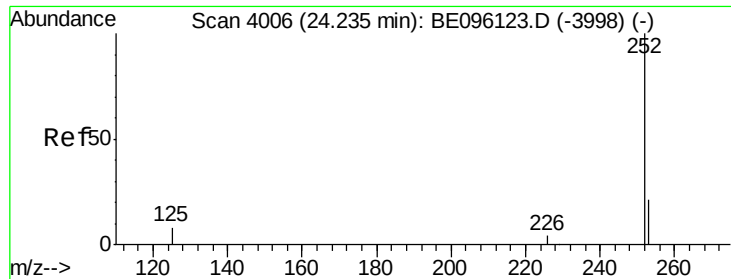
Tot Ion: 252 Resp: 11
Ion Ratio Lower Upper
252 100
253 139.8 0.0 64.2#
125 133.3 0.0 35.0#



#22
Benzo(k)fluoranthene
Concen: 0.203 ng/ul
RT: 23.88 min Scan# 3957
Delta R.T. 0.28 min
Lab File: BE096134.D
Acq: 24 Apr 2018 23:56

Tgt Ion: 252 Resp: 11
Ion Ratio Lower Upper
252 100
253 142.5 24.5 36.7#
125 135.6 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.101 ng/ul

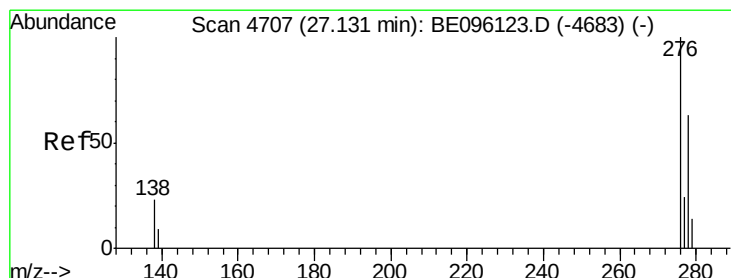
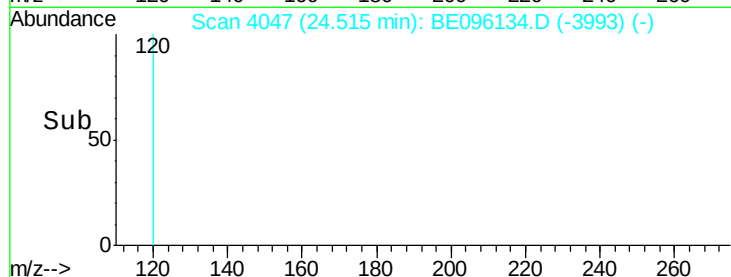
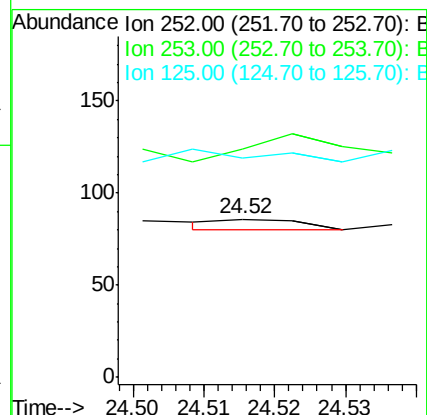
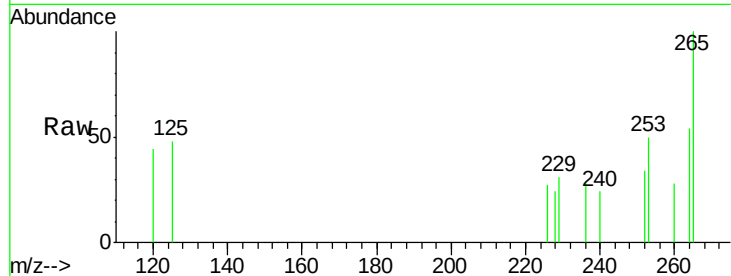
RT: 24.52 min Scan# 4047

Delta R.T. 0.28 min

Lab File: BE096134.D

Acq: 24 Apr 2018 23:56

Tot Ion:252	Resp:	5	
Ion Ratio	Lower	Upper	
252	100		
253	144.2	28.5	42.7#
125	138.4	18.1	27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.045 ng/ul

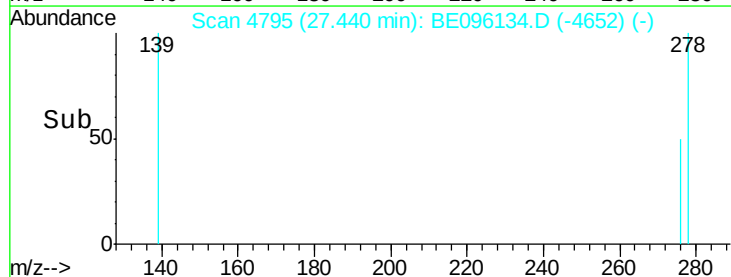
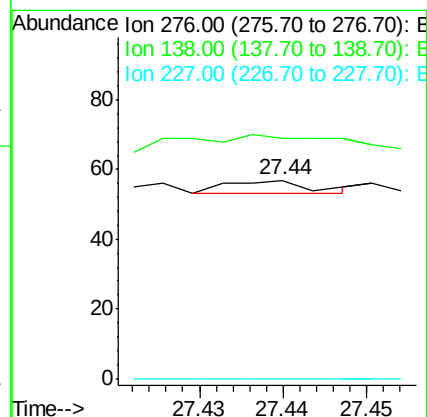
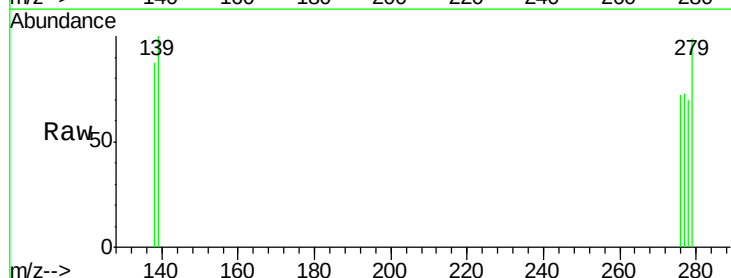
RT: 27.44 min Scan# 4795

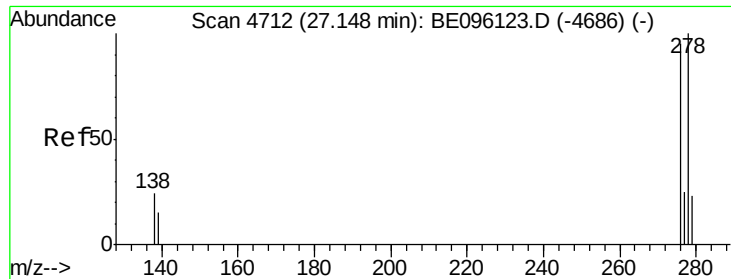
Delta R.T. 0.31 min

Lab File: BE096134.D

Acq: 24 Apr 2018 23:56

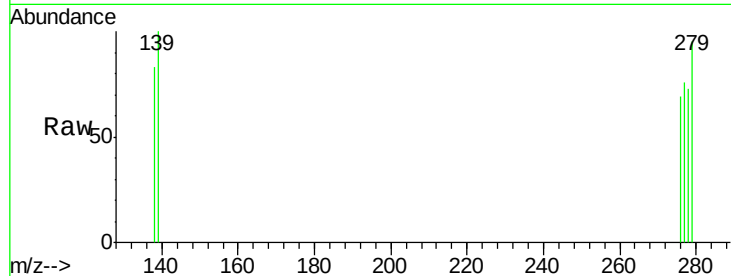
Tgt	Ion:276	Resp:	3
Ion	Ratio	Lower	Upper
276	100		
138	300.0	28.0	42.0#
227	0.0	8.0	12.0#



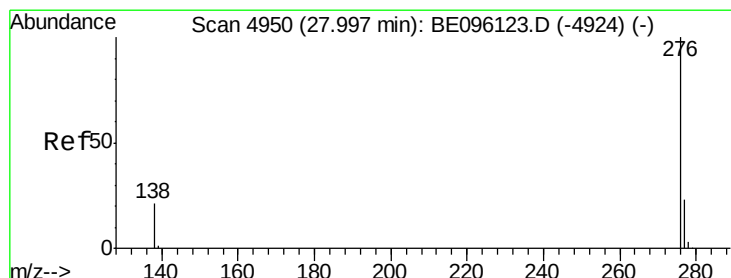
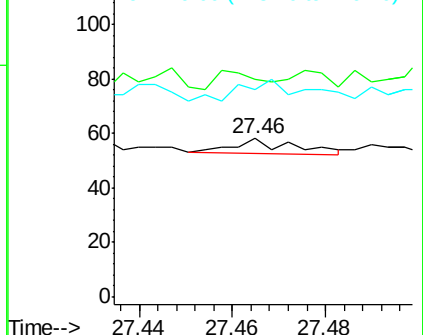
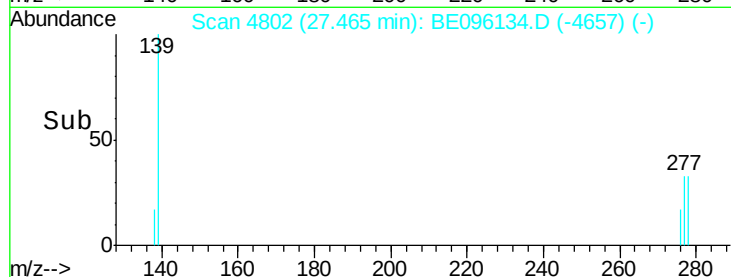


#25
Dibenzo(a,h)anthracene
Concen: 0.090 ng/ul
RT: 27.46 min Scan# 4802
Delta R.T. 0.32 min
Lab File: BE096134.D
Acq: 24 Apr 2018 23:56

Tot Ion: 278 Resp: 5
Ion Ratio Lower Upper
278 100
139 137.9 17.4 26.0#
279 131.0 25.9 38.9#

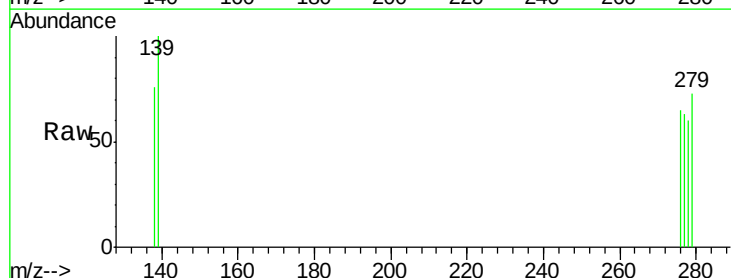


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.035 ng/ul
RT: 28.32 min Scan# 5041
Delta R.T. 0.32 min
Lab File: BE096134.D
Acq: 24 Apr 2018 23:56

Tgt Ion: 276 Resp: 2
Ion Ratio Lower Upper
276 100
138 116.4 21.8 32.8#
277 96.7 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

