

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096135.D
 Acq On : 25 Apr 2018 00:32
 Operator : SJ/JU
 Sample : J2431-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

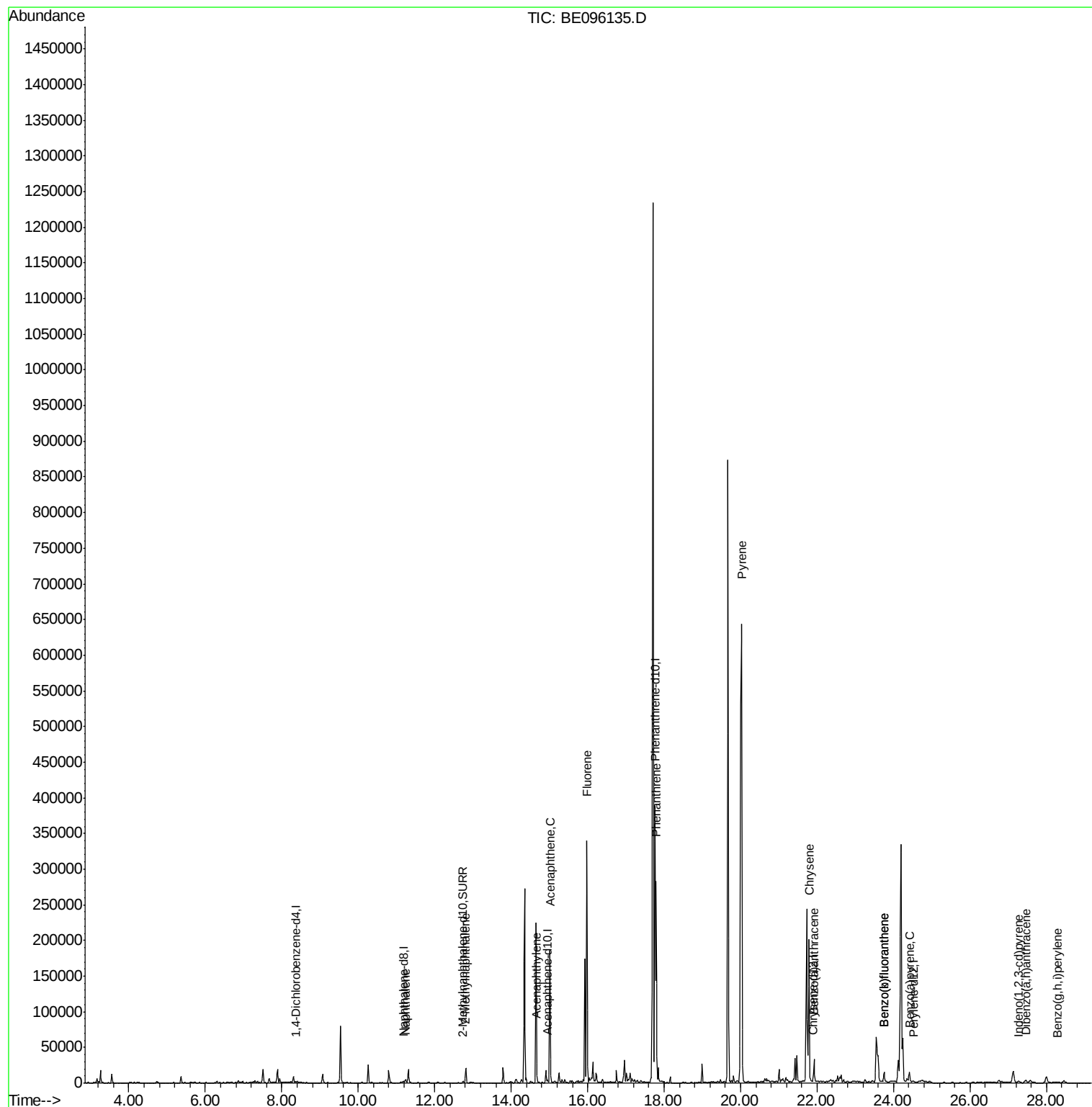
Quant Time: Apr 25 05:29:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration

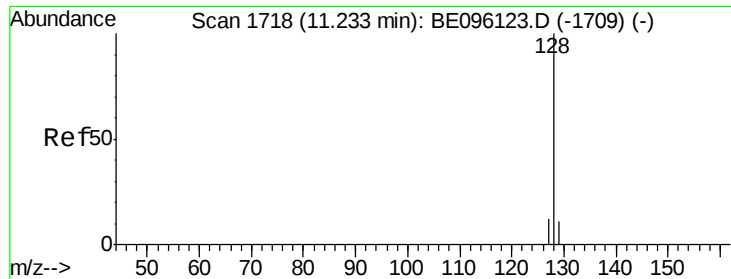
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	836	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3373	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2230	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.76	188	443523	0.40	ng/ul	0.10
16) Chrysene-d12	21.89	240	75	0.40	ng/ul	0.14
20) Perylene-d12	24.52	264	235	0.40	ng/ul	0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2216	0.36	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds					Ovalue	
3) Naphthalene	11.23	128	6547	0.697	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	16490	2.621	ng/ul	100
7) Acenaphthylene	14.68	152	5413	0.471	ng/ul#	92
8) Acenaphthene	15.01	153	104861	12.651	ng/ul	95
9) Fluorene	15.98	166	222771	20.313	ng/ul#	90
12) Phenanthrene	17.79	178	290853	0.223	ng/ul#	88
17) Pyrene	20.03	202	571620	3799.104	ng/ul#	77
18) Benzo(a)anthracene	21.92	228	24084	106.068	ng/ul#	49
19) Chrysene	21.79	228	196130	939.999	ng/ul	97
21) Benzo(b)fluoranthene	23.76	252	21654	24.335	ng/ul	88
22) Benzo(k)fluoranthene	23.76	252	21707	25.518	ng/ul#	90
23) Benzo(a)pyrene	24.42	252	19942	25.797	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.28	276	798	0.766	ng/ul#	84
25) Dibenzo(a,h)anthracene	27.46	278	6791	7.786	ng/ul	93
26) Benzo(g,h,i)perylene	28.27	276	1044	1.151	ng/ul#	45

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

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#3

Naphthalene

Concen: 0.697 ng/ul

RT: 11.23 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

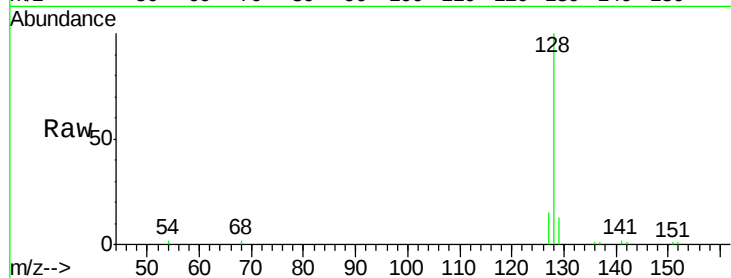
Tot Ion:128 Resp: 6547

Ion Ratio Lower Upper

128 100

129 13.2 11.3 16.9

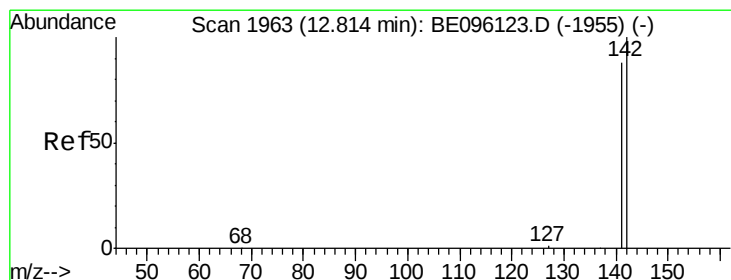
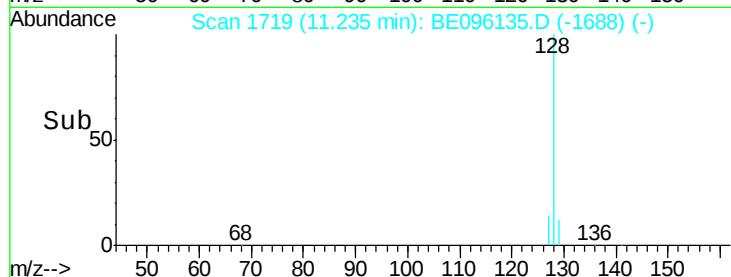
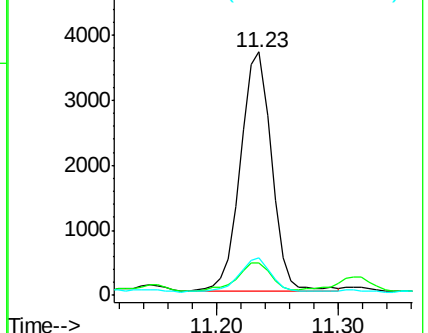
127 15.2 4.0 6.0#



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: 2.621 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BE096135.D

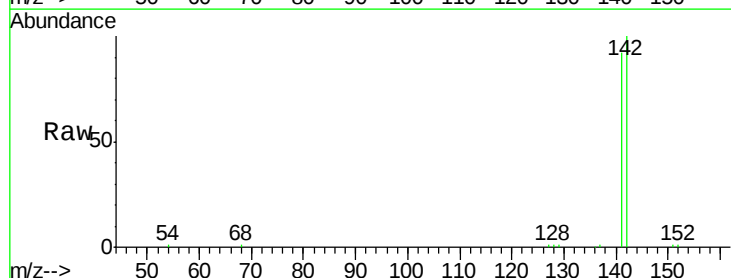
Acq: 25 Apr 2018 00:32

Tgt Ion:142 Resp: 16490

Ion Ratio Lower Upper

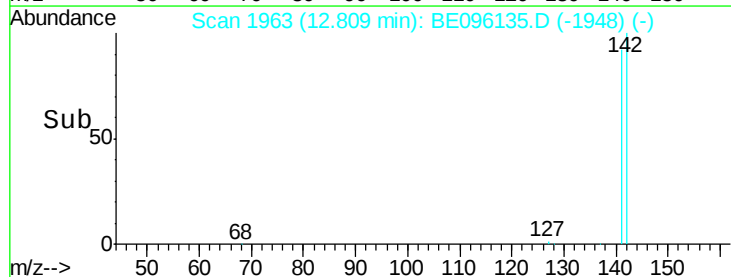
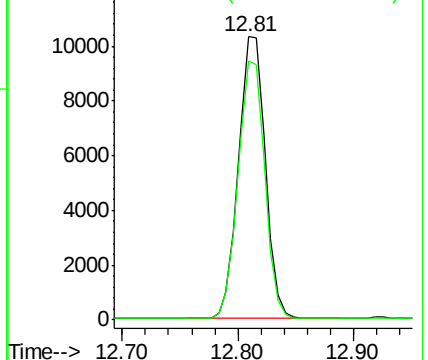
142 100

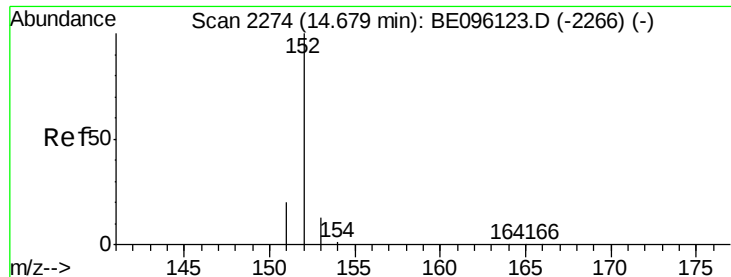
141 91.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.471 ng/ul

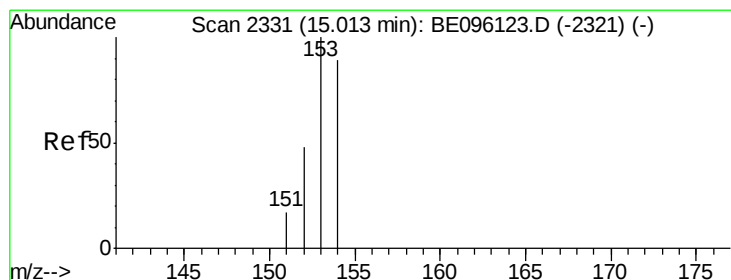
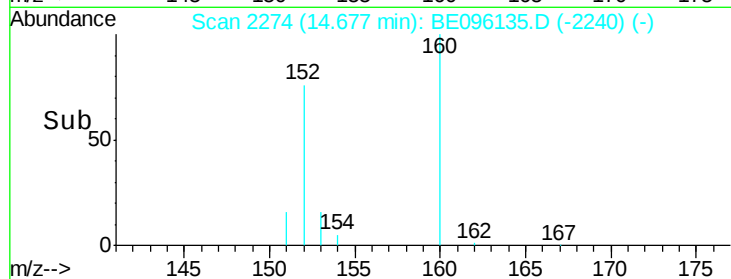
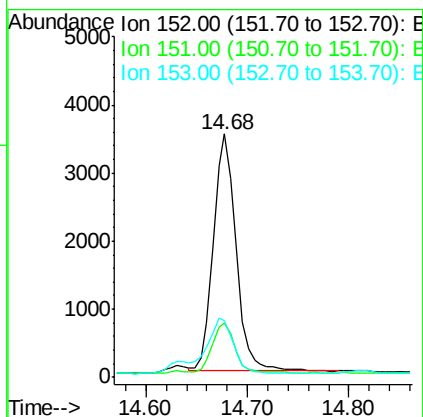
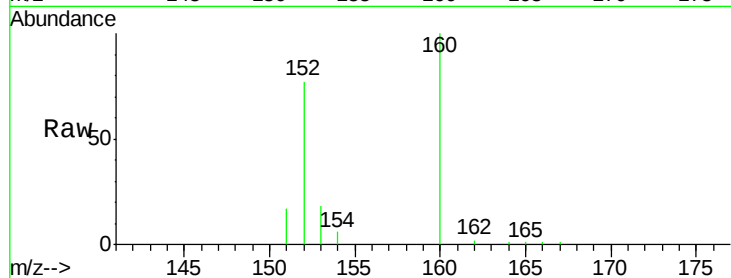
RT: 14.68 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

Tot Ion:	152	Resp:	5413
Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.1	25.7
153	23.2	12.8	19.2



#8

Acenaphthene

Concen: 12.651 ng/ul

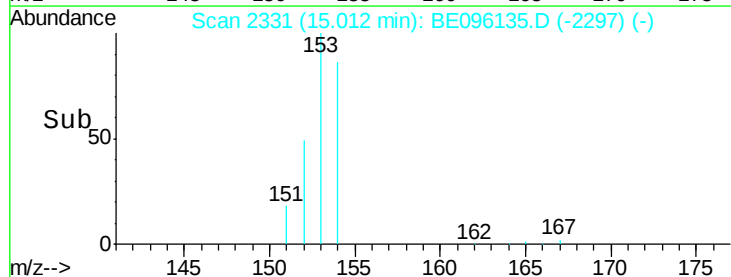
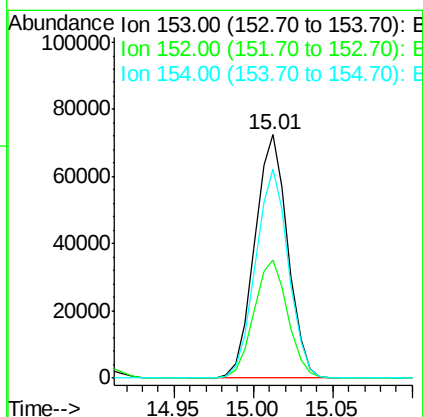
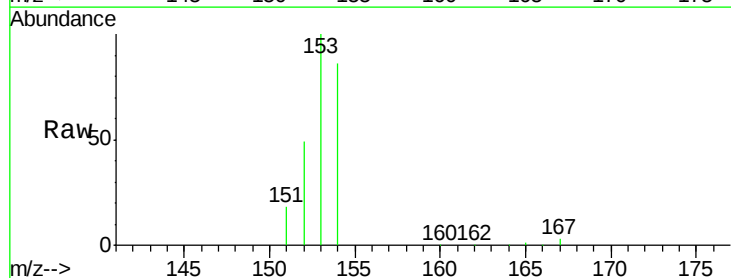
RT: 15.01 min Scan# 2331

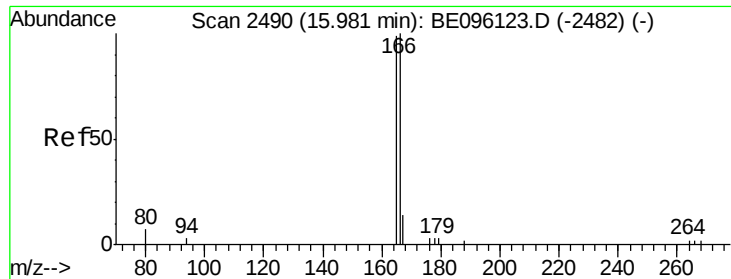
Delta R.T. -0.00 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

Tgt Ion:	153	Resp:	104861
Ion	Ratio	Lower	Upper
153	100		
152	48.7	36.0	54.0
154	85.8	72.0	108.0





#9

Fluorene

Concen: 20.313 ng/ul

RT: 15.98 min Scan# 2490

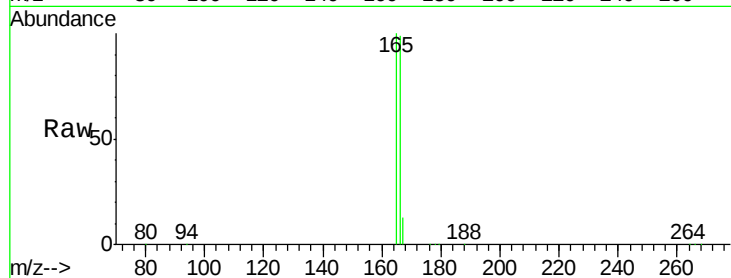
Delta R.T. -0.00 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

Tot Ion:166 Resp: 222771

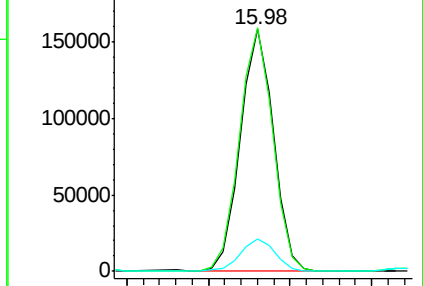
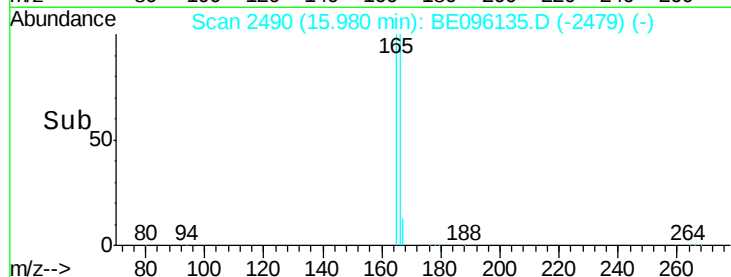
Ion	Ratio	Lower	Upper
166	100		
165	100.6	73.4	110.2
167	13.5	14.6	22.0



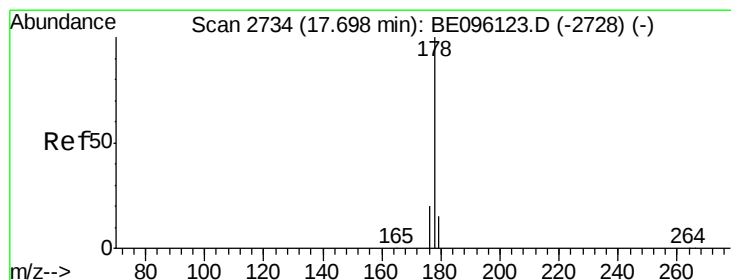
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.90 15.95 16.00 16.05



#12

Phenanthrene

Concen: 0.223 ng/ul

RT: 17.79 min Scan# 2747

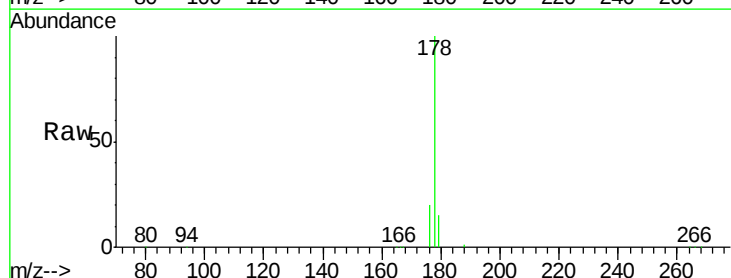
Delta R.T. 0.09 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

Tgt Ion:178 Resp: 290853

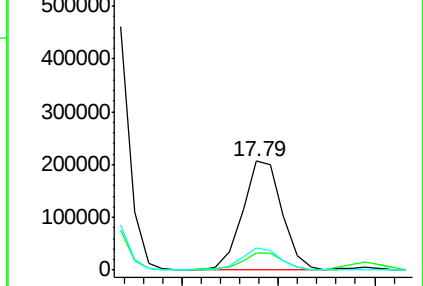
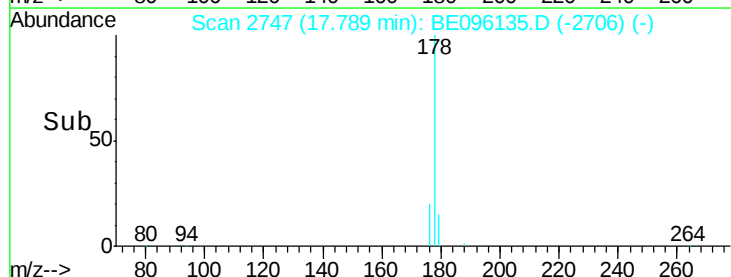
Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6
176	20.0	13.6	20.4



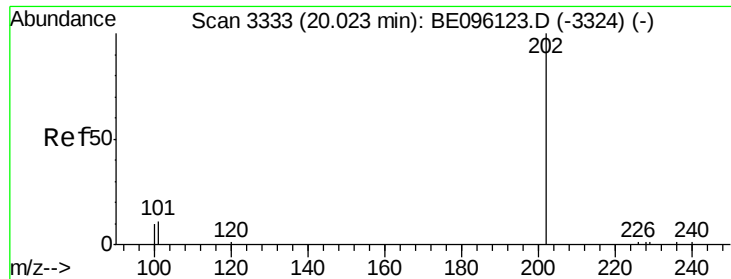
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.75 17.80 17.85



#17

Pvrene

Concen: 3799.104 ng/ul

RT: 20.03 min Scan# 3335

Delta R.T. 0.01 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

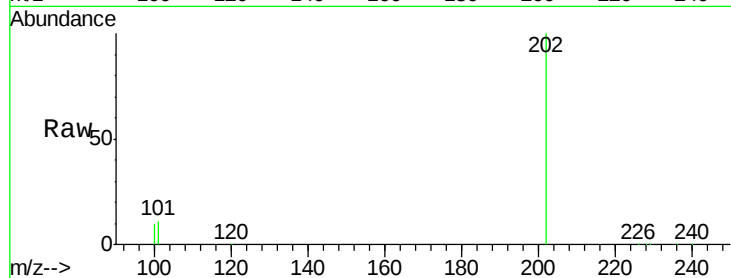
Tot Ion:202 Resp: 571620

Ion Ratio Lower Upper

202 100

101 10.9 18.2 27.4#

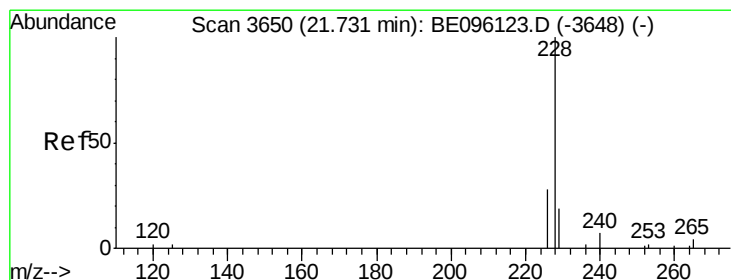
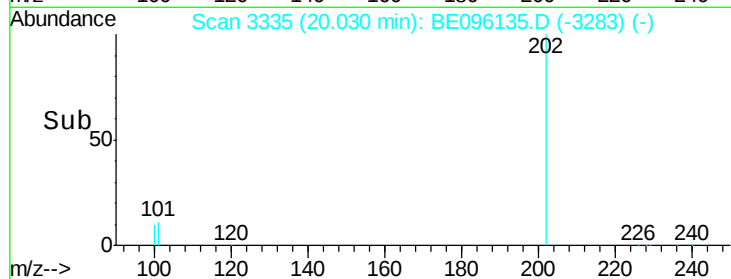
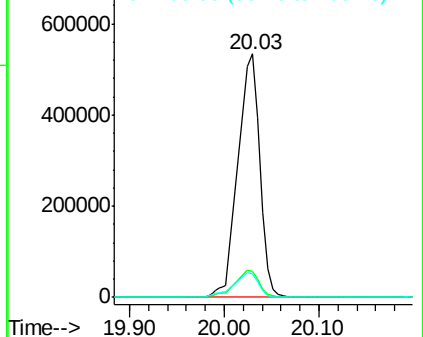
100 9.6 15.6 23.4#



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: 106.068 ng/ul

RT: 21.92 min Scan# 3678

Delta R.T. 0.19 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

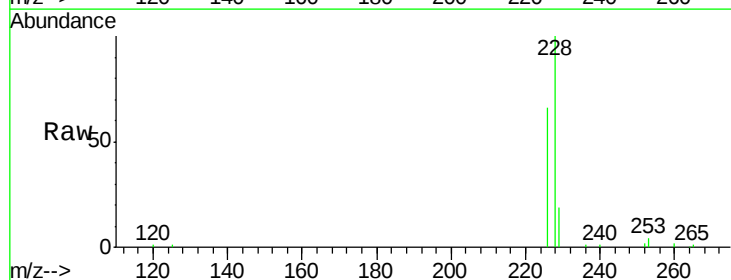
Tgt Ion:228 Resp: 24084

Ion Ratio Lower Upper

228 100

229 19.0 22.8 34.2#

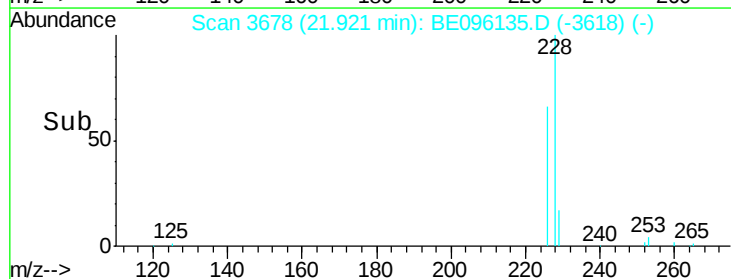
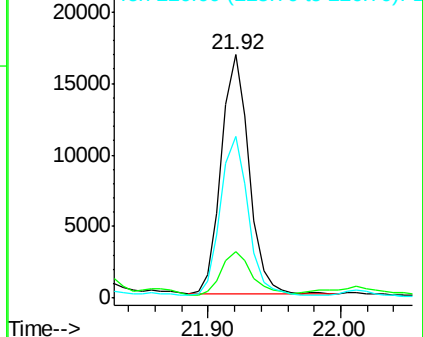
226 66.4 17.0 25.6#

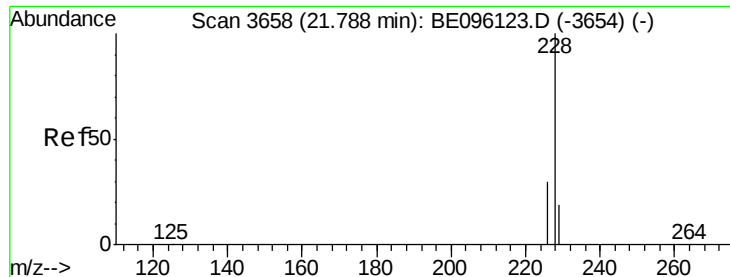


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 939.999 ng/ul

RT: 21.79 min Scan# 3659

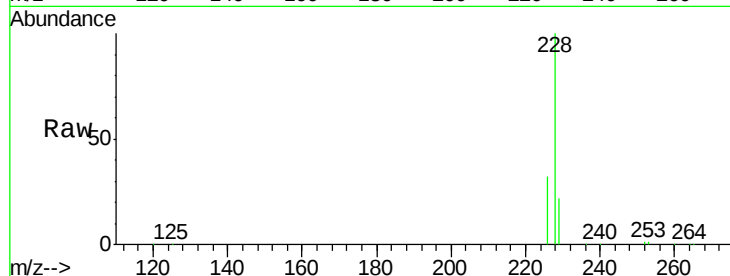
Delta R.T. -0.00 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

Tot Ion:228 Resp: 196130

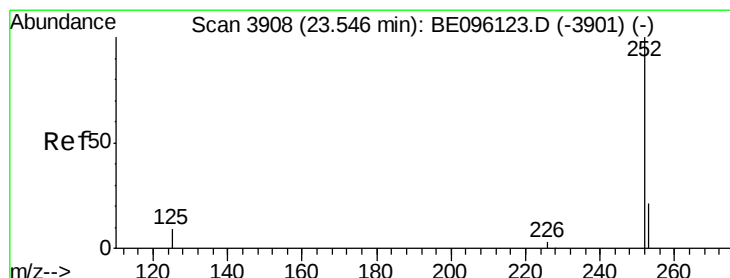
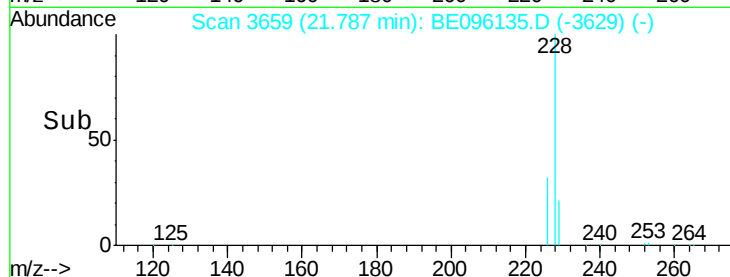
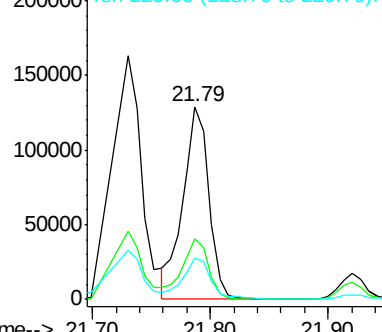
Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.0
229	21.5	17.7	26.5



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: 24.335 ng/ul

RT: 23.76 min Scan# 3939

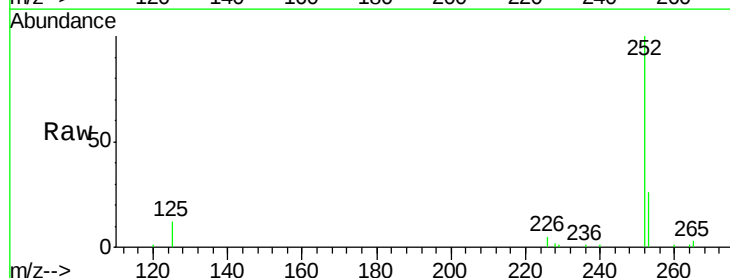
Delta R.T. 0.21 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

Tgt Ion:252 Resp: 21654

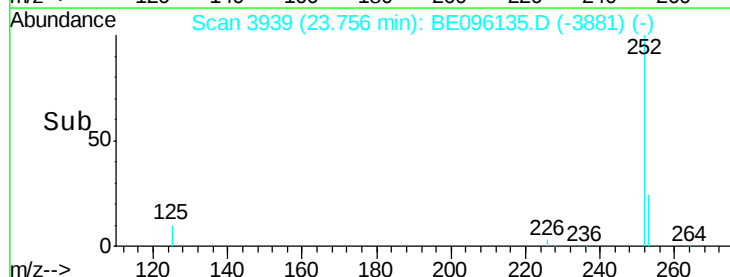
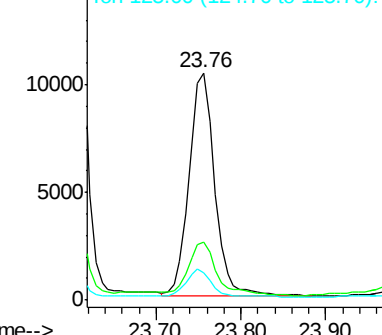
Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	64.2
125	12.2	0.0	35.0

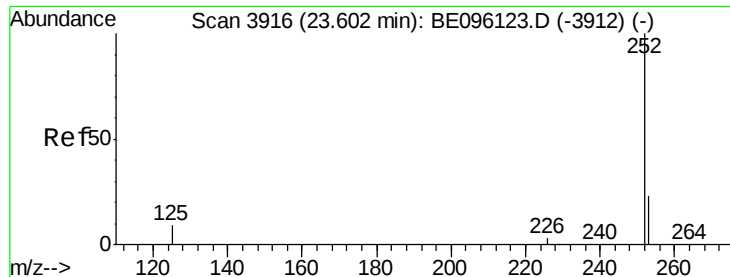


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 25.518 ng/ul

RT: 23.76 min Scan# 3939

Delta R.T. 0.15 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

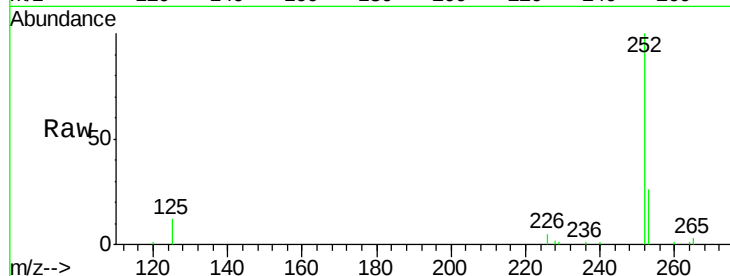
Tot Ion:252 Resp: 21707

Ion Ratio Lower Upper

252 100

253 25.7 24.5 36.7

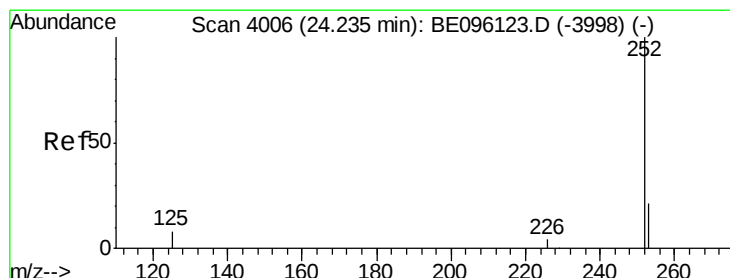
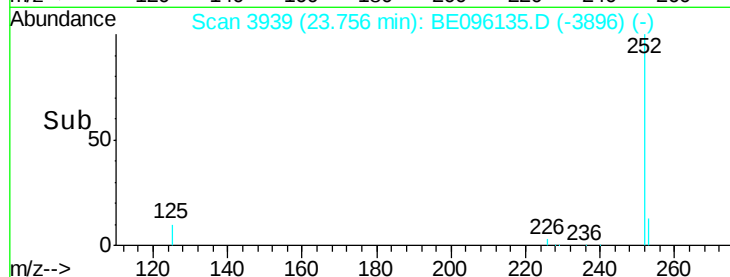
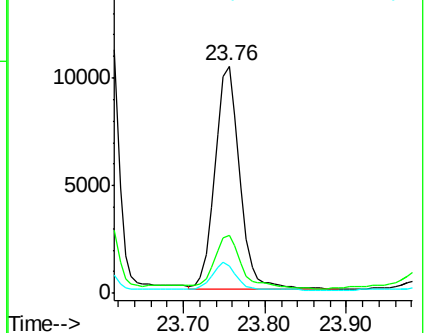
125 12.2 13.7 20.5#



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: 25.797 ng/ul

RT: 24.42 min Scan# 4033

Delta R.T. 0.18 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

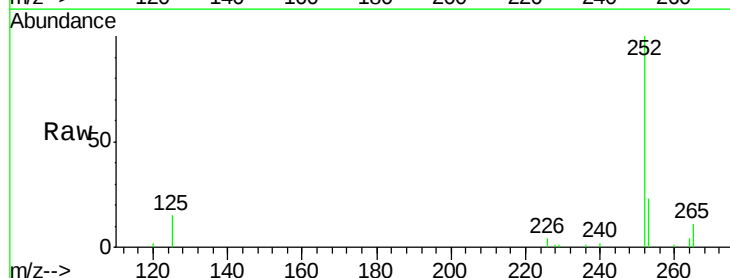
Tgt Ion:252 Resp: 19942

Ion Ratio Lower Upper

252 100

253 23.3 28.5 42.7#

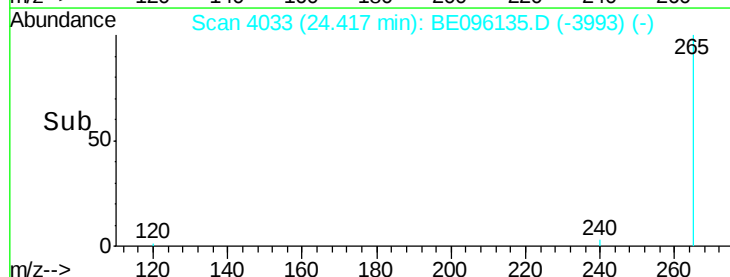
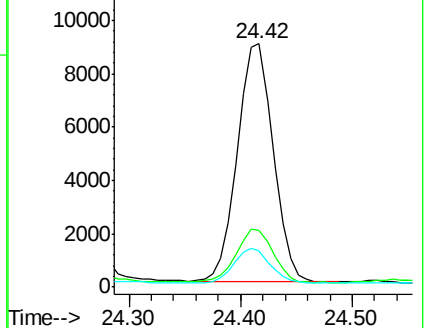
125 14.7 18.1 27.1#

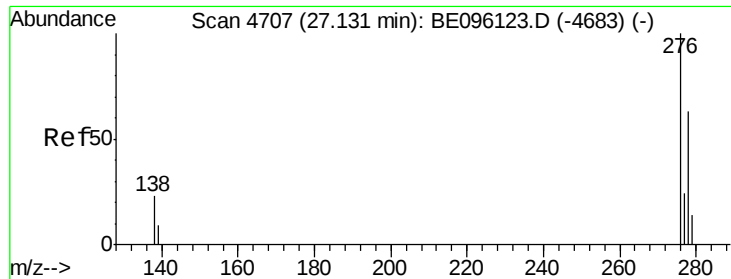


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

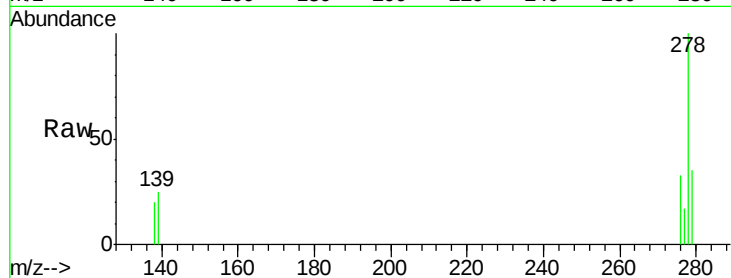
Ion 125.00 (124.70 to 125.70): E



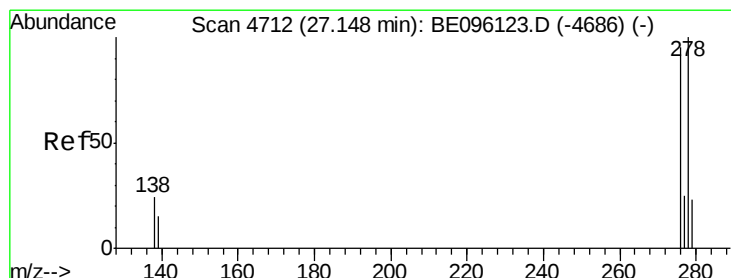
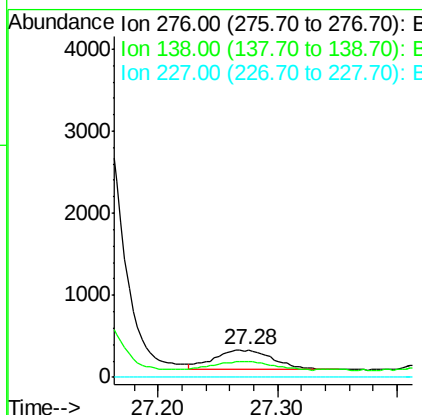
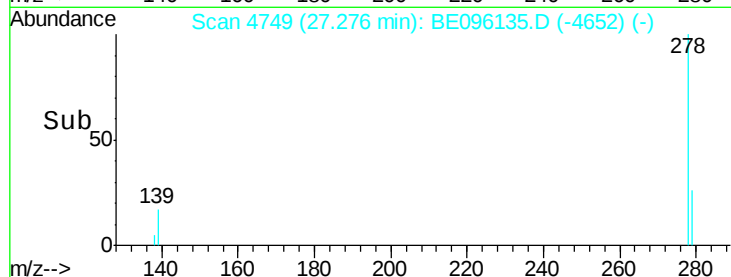


#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.766 ng/ul
 RT: 27.28 min Scan# 4749
 Delta R.T. 0.15 min
 Lab File: BE096135.D
 Acq: 25 Apr 2018 00:32

Tot Ion: 276 Resp: 798
 Ion Ratio Lower Upper
 276 100
 138 42.7 28.0 42.0#
 227 0.0 8.0 12.0#

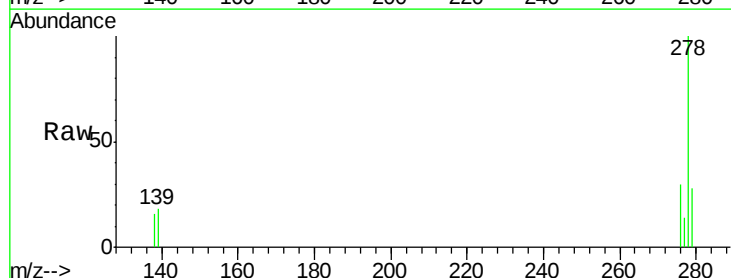


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

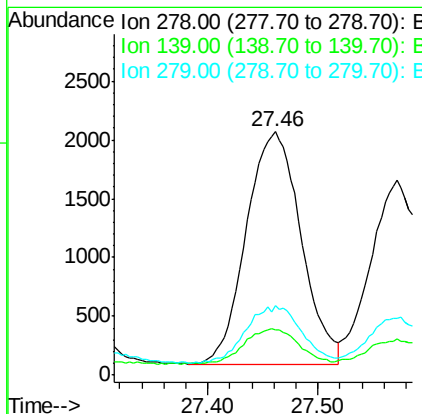
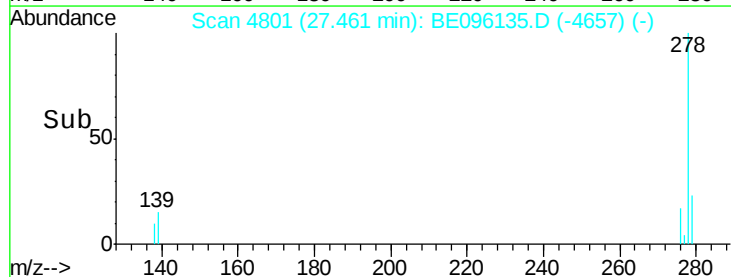


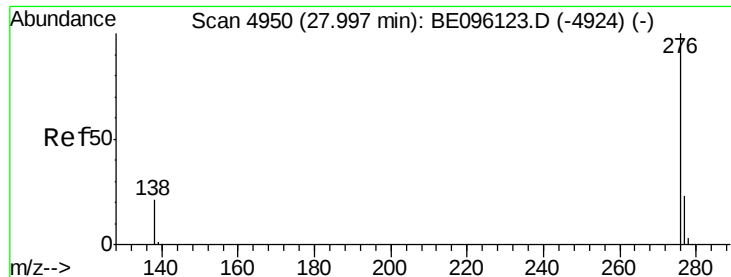
#25
 Dibenzo(a,h)anthracene
 Concen: 7.786 ng/ul
 RT: 27.46 min Scan# 4801
 Delta R.T. 0.31 min
 Lab File: BE096135.D
 Acq: 25 Apr 2018 00:32

Tgt Ion: 278 Resp: 6791
 Ion Ratio Lower Upper
 278 100
 139 18.3 17.4 26.0
 279 28.5 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: 1.151 ng/ul

RT: 28.27 min Scan# 5028

Delta R.T. 0.27 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

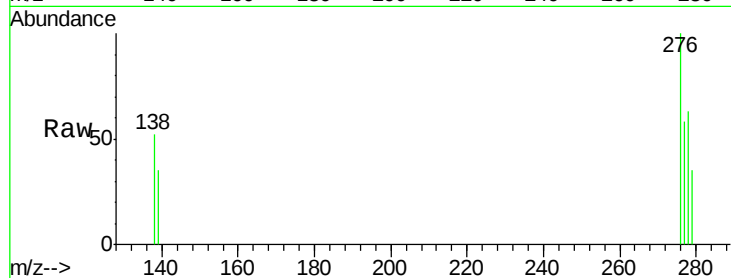
Tot Ion: 276 Resp: 1044

Ion Ratio Lower Upper

276 100

138 51.5 21.8 32.8#

277 57.9 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

