

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096137.D
 Acq On : 25 Apr 2018 1:43
 Operator : SJ/JU
 Sample : J2467-10MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

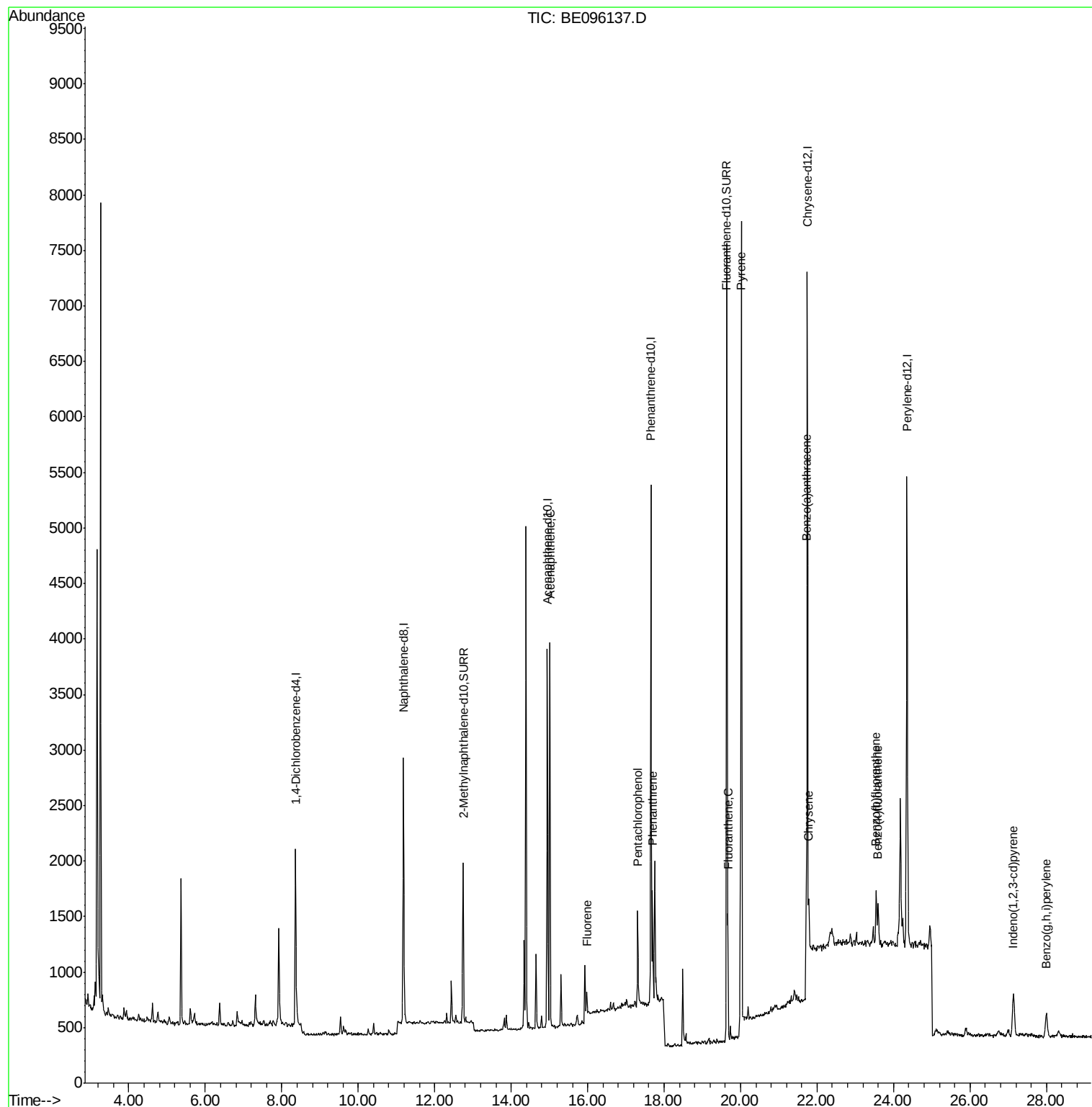
Quant Time: Apr 25 05:29:57 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration

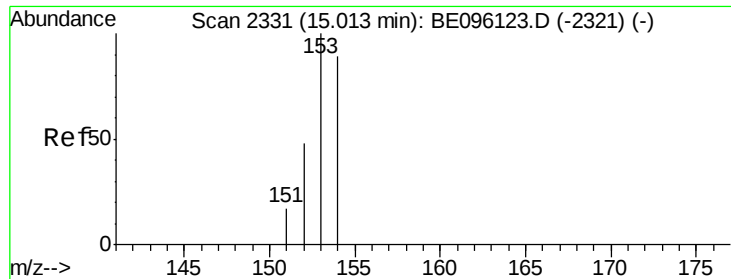
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	816	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3145	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1873	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	5401	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	7751	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5947	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1869	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	7767	0.31	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	15.01	153	2055	0.295	ng/ul	96
9) Fluorene	15.98	166	188	0.020	ng/ul#	88
11) Pentachlorophenol	17.32	266	431	0.332	ng/ul	96
12) Phenanthrene	17.70	178	1028	0.065	ng/ul#	91
15) Fluoranthene	19.67	202	1181	0.049	ng/ul	86
17) Pyrene	20.02	202	4679	0.301	ng/ul#	79
18) Benzo(a)anthracene	21.73	228	495	0.021	ng/ul#	62
19) Chrysene	21.79	228	562	0.026	ng/ul#	75
21) Benzo(b)fluoranthene	23.54	252	729	0.032	ng/ul#	60
22) Benzo(k)fluoranthene	23.60	252	540	0.025	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	27.13	276	596	0.023	ng/ul#	85
26) Benzo(g,h,i)perylene	28.00	276	544	0.024	ng/ul#	52

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

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#8

Acenaphthene

Concen: 0.295 ng/ul

RT: 15.01 min Scan# 2331

Delta R.T. -0.00 min

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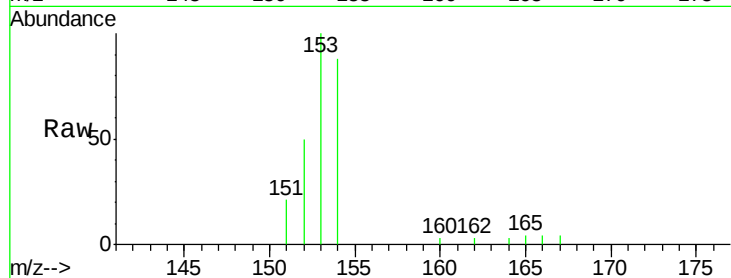
Tot Ion:153 Resp: 2055

Ion Ratio Lower Upper

153 100

152 49.6 36.0 54.0

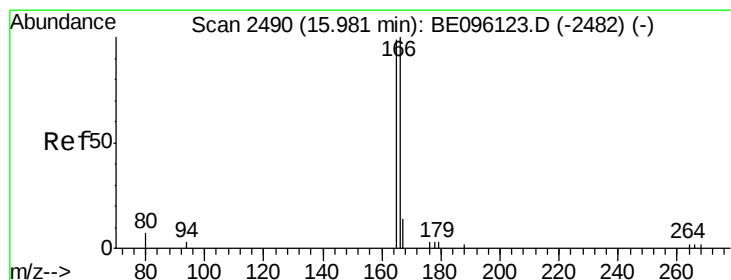
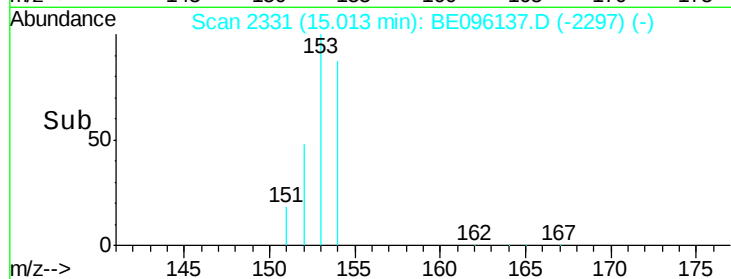
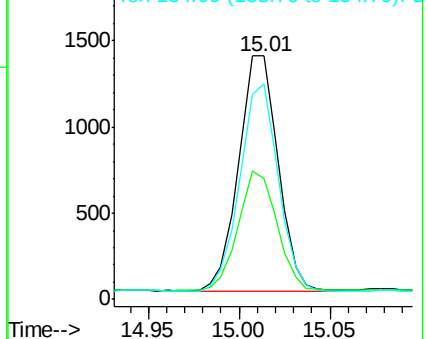
154 88.3 72.0 108.0



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



#9

Fluorene

Concen: 0.020 ng/ul

RT: 15.98 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BE096137.D

Acq: 25 Apr 2018 1:43

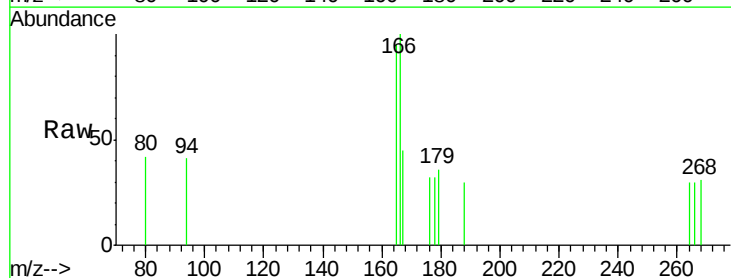
Tgt Ion:166 Resp: 188

Ion Ratio Lower Upper

166 100

165 94.7 73.4 110.2

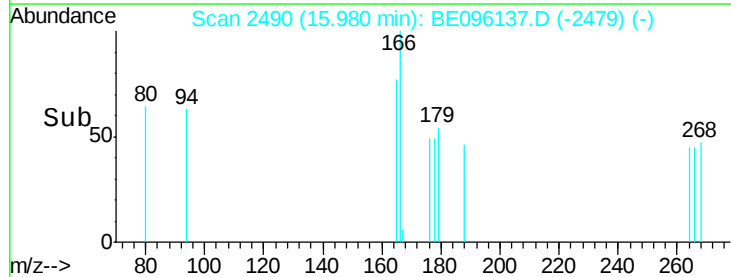
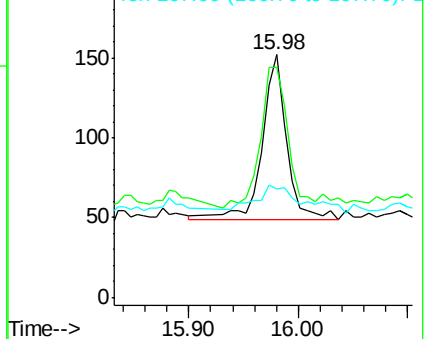
167 44.7 14.6 22.0#

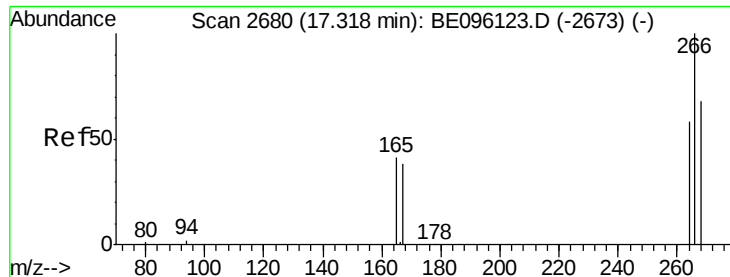


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

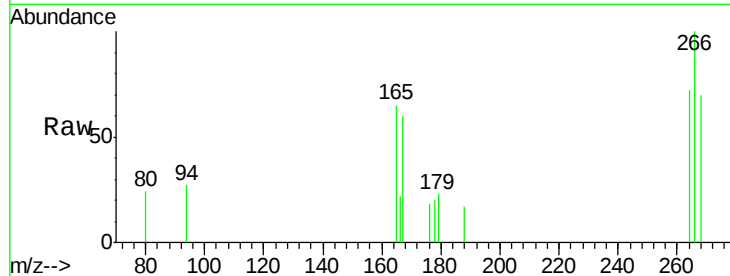
Ion 167.00 (166.70 to 167.70): E



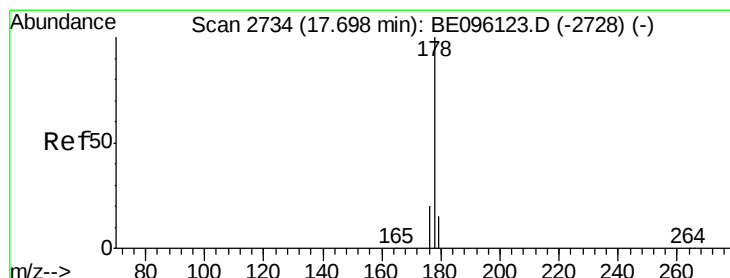
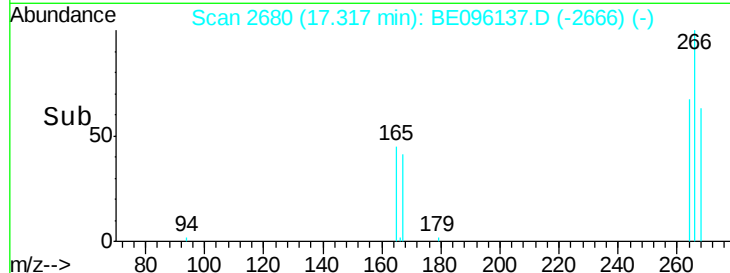
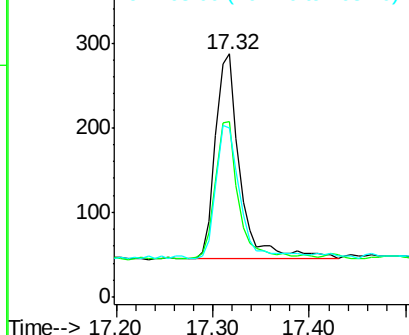


#11
 Pentachlorophenol
 Concen: 0.332 ng/ul
 RT: 17.32 min Scan# 2680
 Delta R.T. -0.00 min
 Lab File: BE096137.D
 Acq: 25 Apr 2018 1:43

Tot Ion:	266	Resp:	431
Ion	Ratio	Lower	Upper
266	100		
264	63.8	47.9	71.9
268	65.0	49.8	74.8

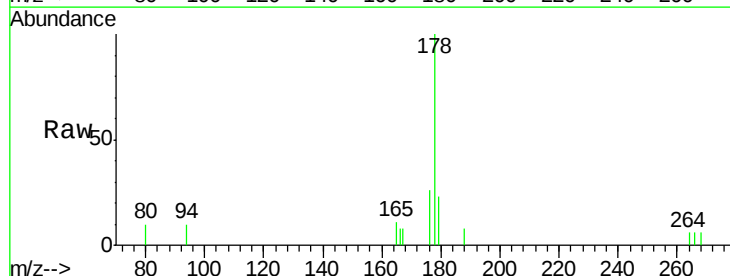


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

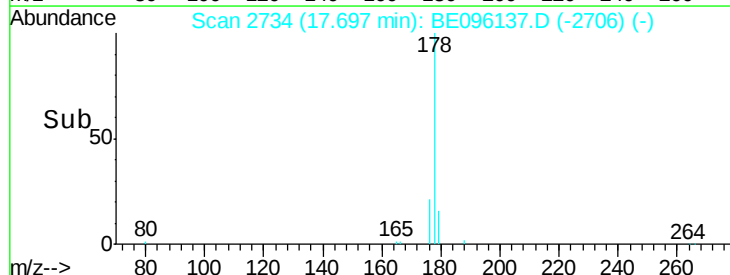
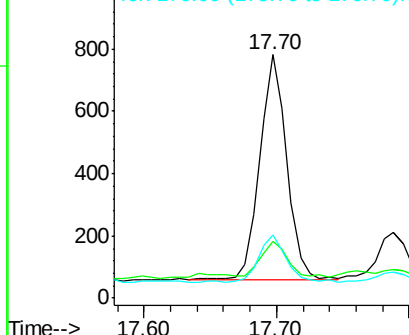


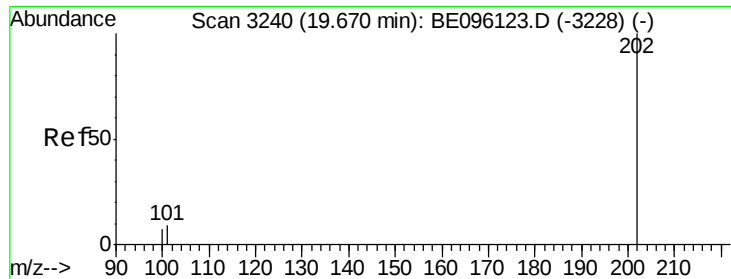
#12
 Phenanthrene
 Concen: 0.065 ng/ul
 RT: 17.70 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: BE096137.D
 Acq: 25 Apr 2018 1:43

Tgt Ion:	178	Resp:	1028
Ion	Ratio	Lower	Upper
178	100		
179	23.4	18.4	27.6
176	26.1	13.6	20.4



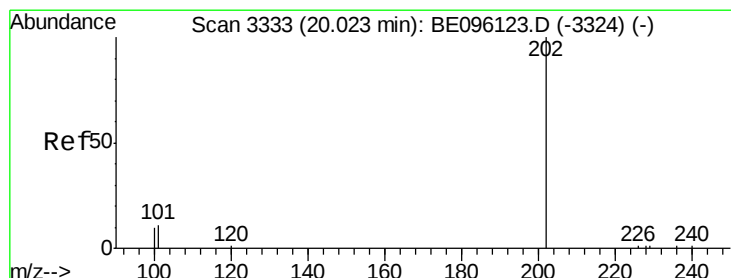
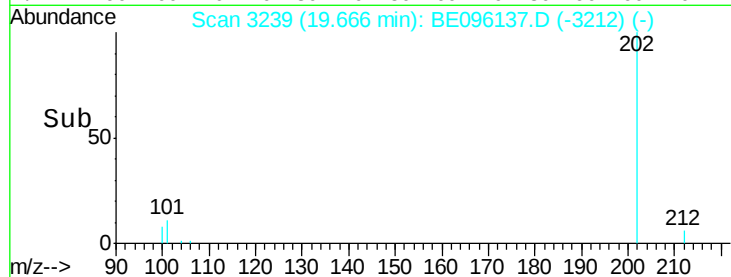
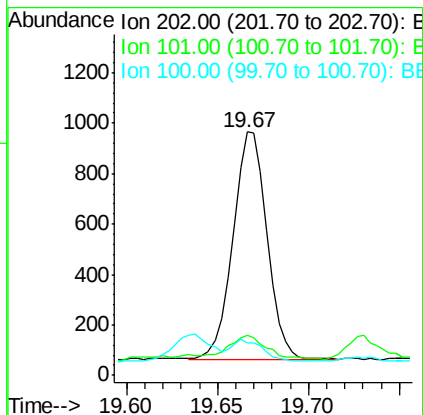
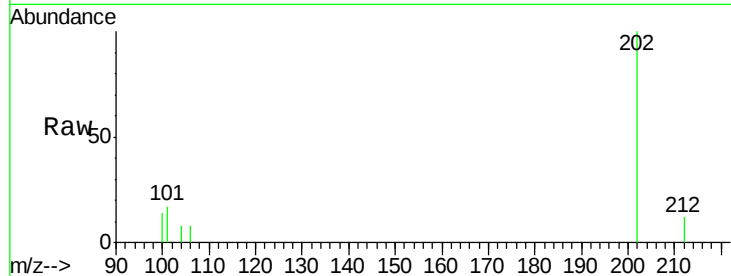
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





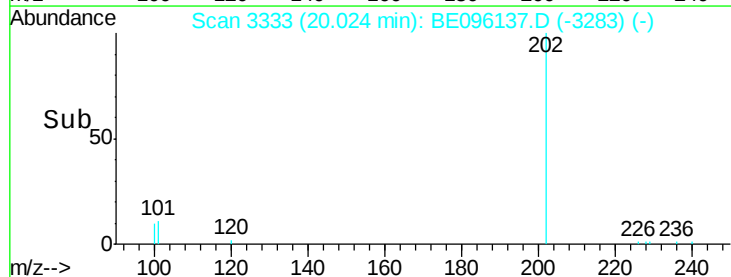
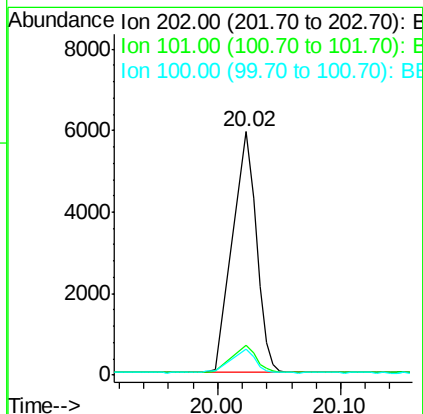
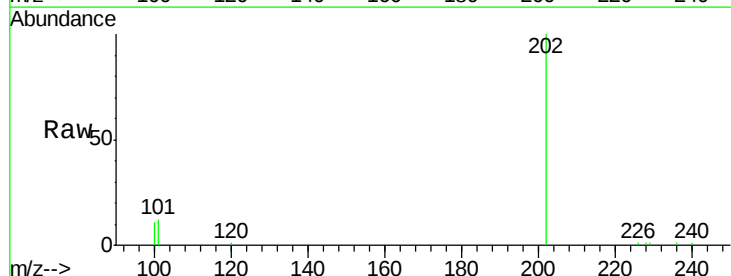
#15
Fluoranthene
 Concen: 0.049 ng/ul
 RT: 19.67 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: BE096137.D
 Acq: 25 Apr 2018 1:43

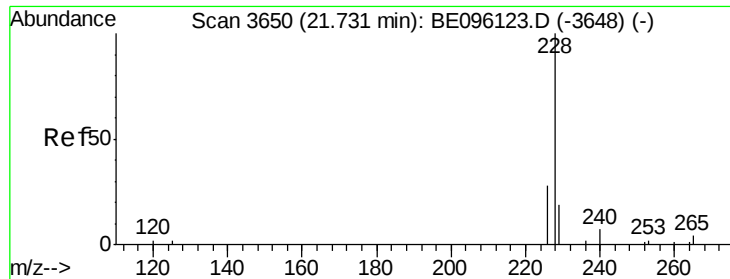
Tot Ion:202 Resp: 1181
 Ion Ratio Lower Upper
 202 100
 101 16.7 0.0 30.3
 100 13.6 0.0 39.5



#17
Pyrene
 Concen: 0.301 ng/ul
 RT: 20.02 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: BE096137.D
 Acq: 25 Apr 2018 1:43

Tgt Ion:202 Resp: 4679
 Ion Ratio Lower Upper
 202 100
 101 12.3 18.2 27.4#
 100 10.8 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.021 ng/ul

RT: 21.73 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BE096137.D

Acq: 25 Apr 2018 1:43

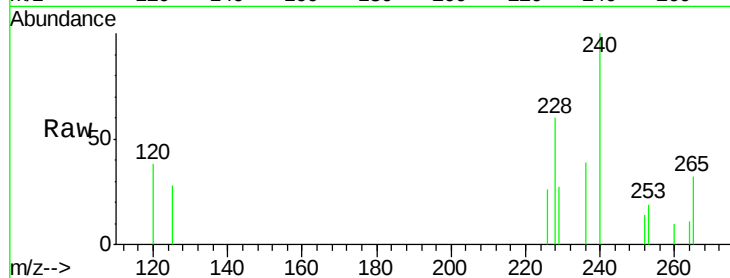
Tot Ion:228 Resp: 495

Ion Ratio Lower Upper

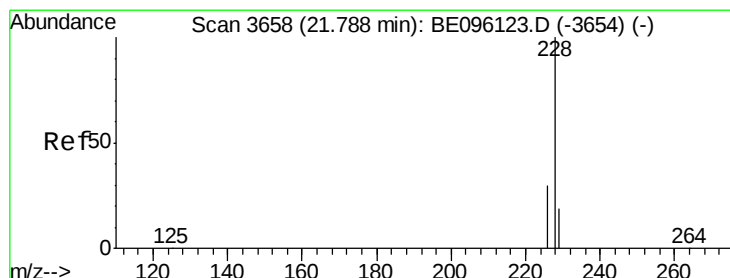
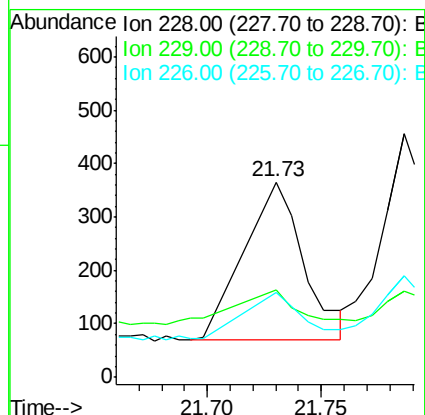
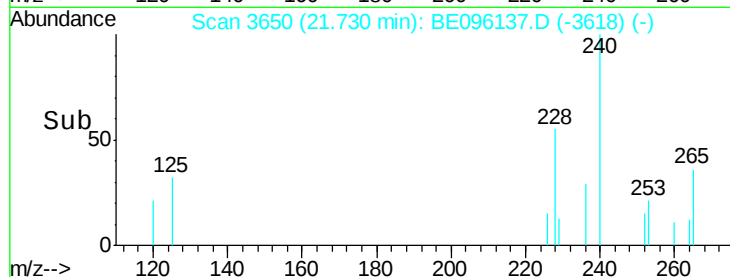
228 100

229 44.8 22.8 34.2#

226 43.4 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: 0.026 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BE096137.D

Acq: 25 Apr 2018 1:43

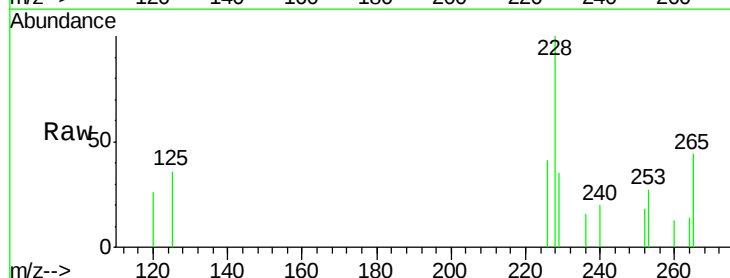
Tgt Ion:228 Resp: 562

Ion Ratio Lower Upper

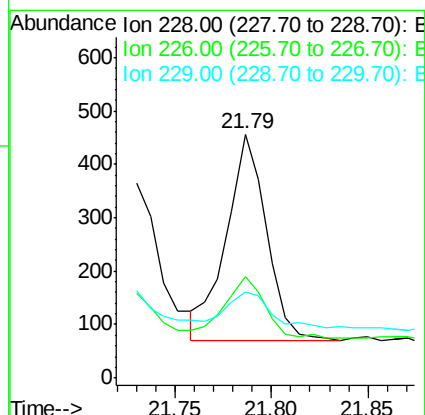
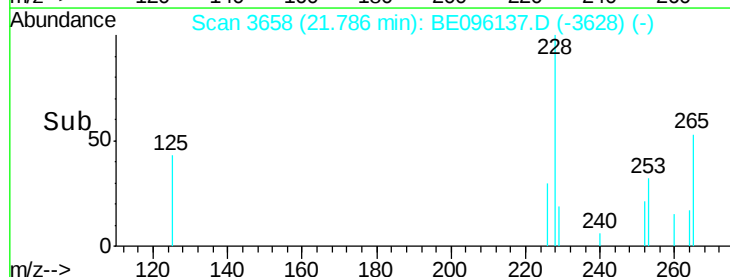
228 100

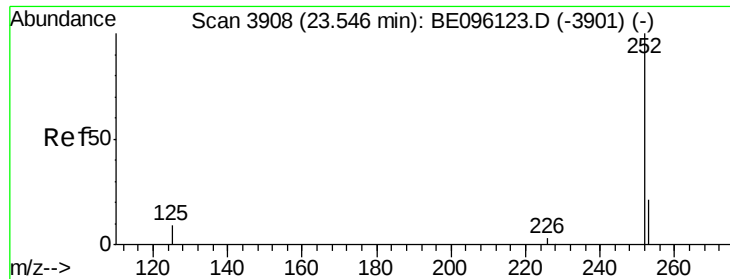
226 41.4 23.4 35.0#

229 35.3 17.7 26.5#



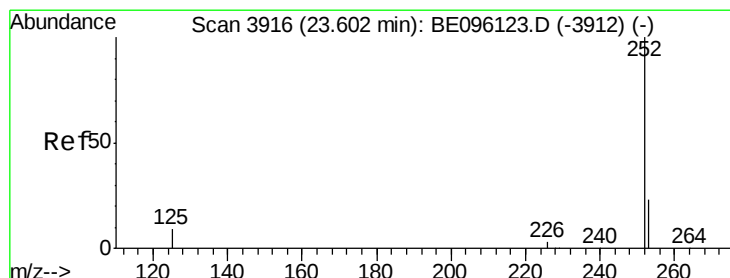
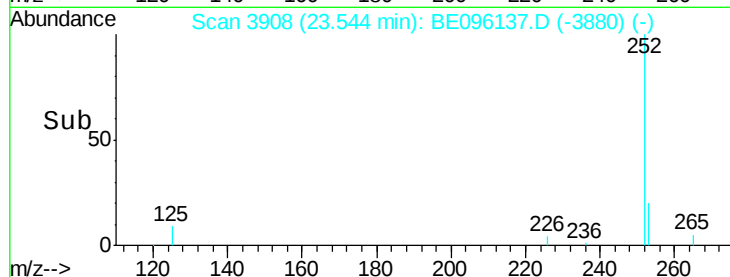
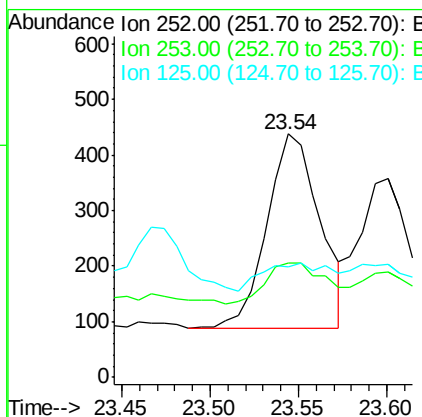
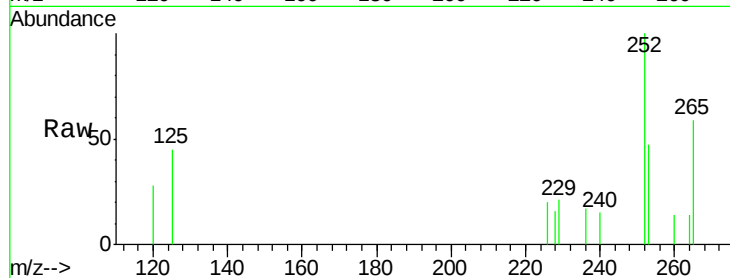
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





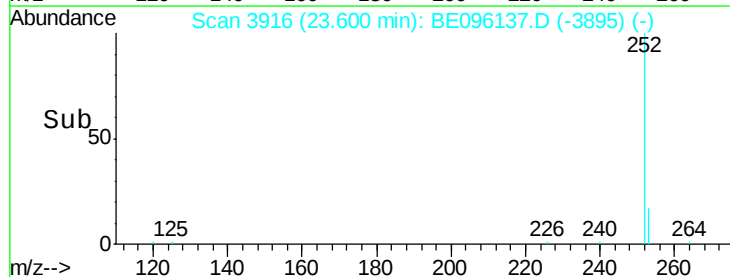
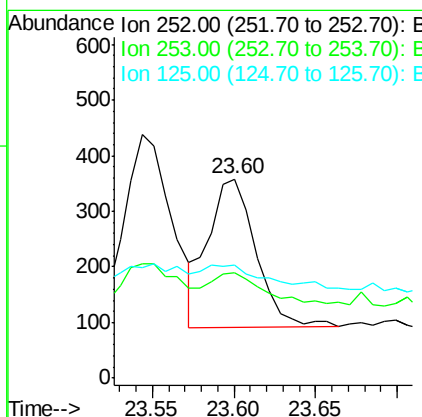
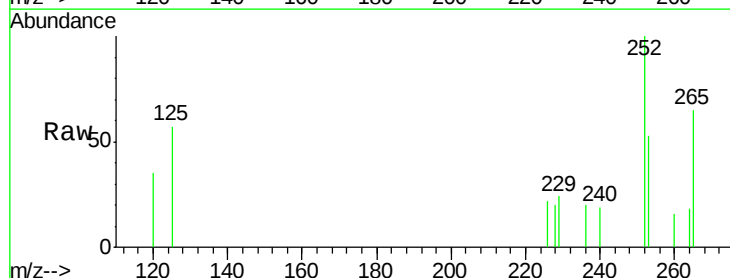
#21
Benzo(b)fluoranthene
Concen: 0.032 ng/ul
RT: 23.54 min Scan# 3908
Delta R.T. -0.00 min
Lab File: BE096137.D
Acq: 25 Apr 2018 1:43

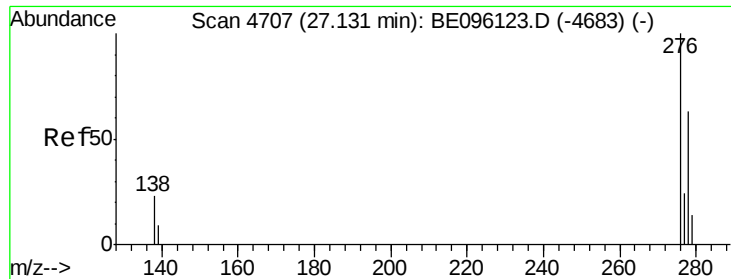
Tot Ion:252 Resp: 729
Ion Ratio Lower Upper
252 100
253 46.8 0.0 64.2
125 45.4 0.0 35.0#



#22
Benzo(k)fluoranthene
Concen: 0.025 ng/ul
RT: 23.60 min Scan# 3916
Delta R.T. -0.00 min
Lab File: BE096137.D
Acq: 25 Apr 2018 1:43

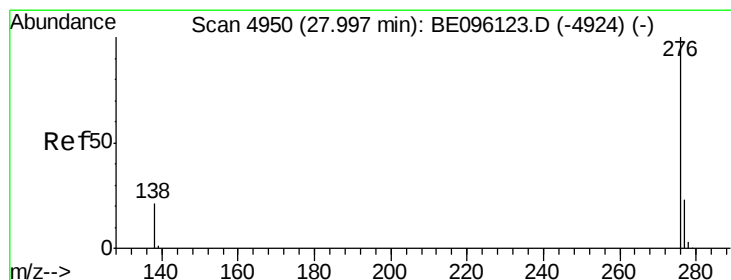
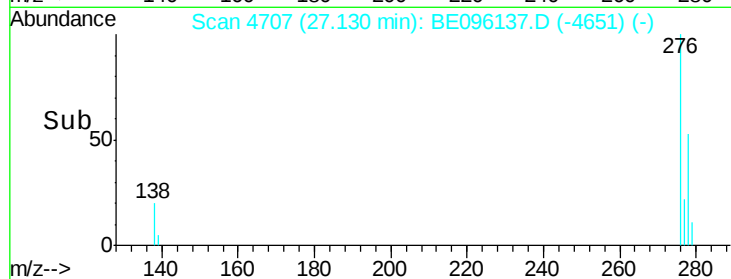
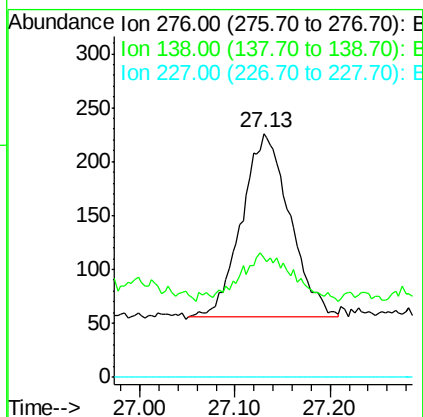
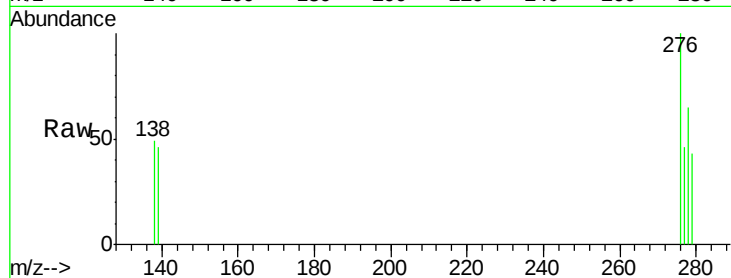
Tgt Ion:252 Resp: 540
Ion Ratio Lower Upper
252 100
253 53.1 24.5 36.7#
125 56.7 13.7 20.5#





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.023 ng/ul
 RT: 27.13 min Scan# 4707
 Delta R.T. -0.00 min
 Lab File: BE096137.D
 Acq: 25 Apr 2018 1:43

Tot Ion: 276 Resp: 596
 Ion Ratio Lower Upper
 276 100
 138 28.5 28.0 42.0
 227 0.0 8.0 12.0#



#26
 Benzo(g,h,i)perylene
 Concen: 0.024 ng/ul
 RT: 28.00 min Scan# 4951
 Delta R.T. 0.00 min
 Lab File: BE096137.D
 Acq: 25 Apr 2018 1:43

Tgt Ion: 276 Resp: 544
 Ion Ratio Lower Upper
 276 100
 138 52.2 21.8 32.8#
 277 50.2 20.5 30.7#

