

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096129.D
 Acq On : 24 Apr 2018 20:54
 Operator : SJ/JU
 Sample : PB108470BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

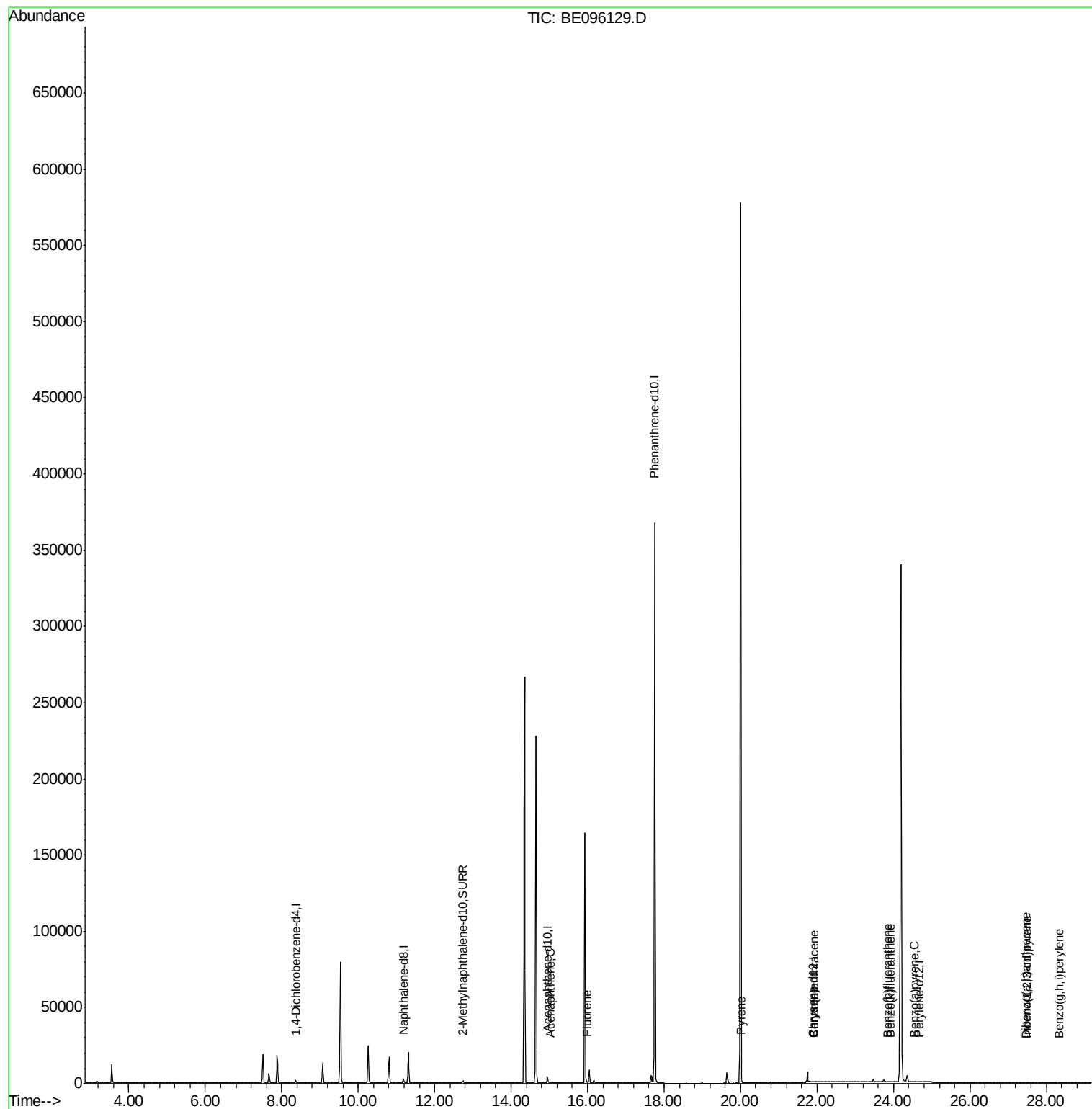
Quant Time: Apr 25 05:28:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration

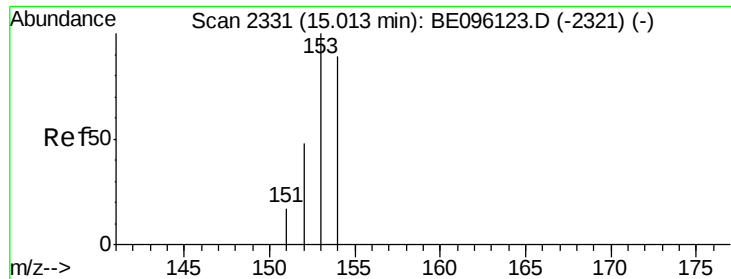
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	867	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3371	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2192	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.76	188	447396	0.40	ng/ul	0.10
16) Chrysene-d12	21.89	240	3	0.40	ng/ul	0.14
20) Perylene-d12	24.66	264	15	0.40	ng/ul	0.31
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1892	0.30	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
8) Acenaphthene	15.01	153	266	0.033	ng/ul#	89
9) Fluorene	15.98	166	600	0.056	ng/ul	91
17) Pyrene	20.02	202	2440	405.419	ng/ul#	87
18) Benzo(a)anthracene	21.92	228	95	10.460	ng/ul#	1
19) Chrysene	21.92	228	95	11.383	ng/ul#	1
21) Benzo(b)fluoranthene	23.83	252	20	0.352	ng/ul#	1
22) Benzo(k)fluoranthene	23.94	252	23	0.424	ng/ul#	1
23) Benzo(a)pyrene	24.55	252	14	0.284	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.49	276	2	0.030	ng/ul#	7
25) Dibenzo(a,h)anthracene	27.46	278	19	0.341	ng/ul#	1
26) Benzo(g,h,i)perylene	28.34	276	4	0.069	ng/ul#	1

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

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#8

Acenaphthene

Concen: 0.033 ng/ul

RT: 15.01 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BE096129.D

Acq: 24 Apr 2018 20:54

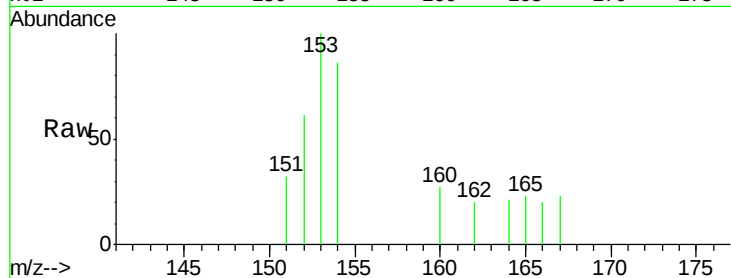
Tot Ion:153 Resp: 266

Ion Ratio Lower Upper

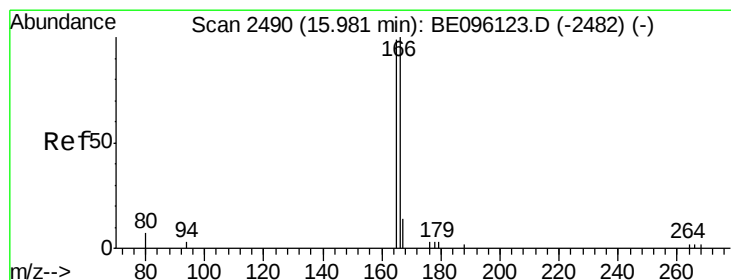
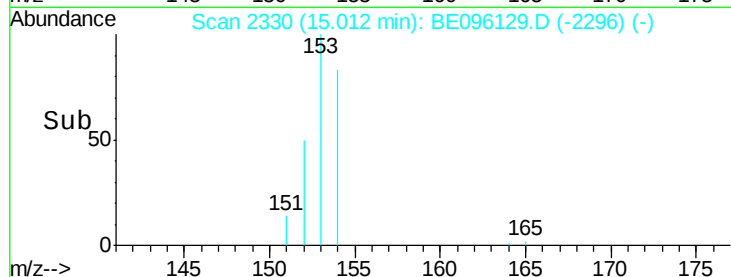
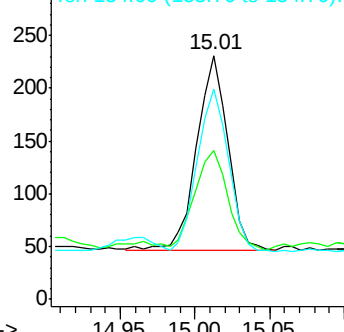
153 100

152 61.0 36.0 54.0#

154 86.1 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: 0.056 ng/ul

RT: 15.98 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BE096129.D

Acq: 24 Apr 2018 20:54

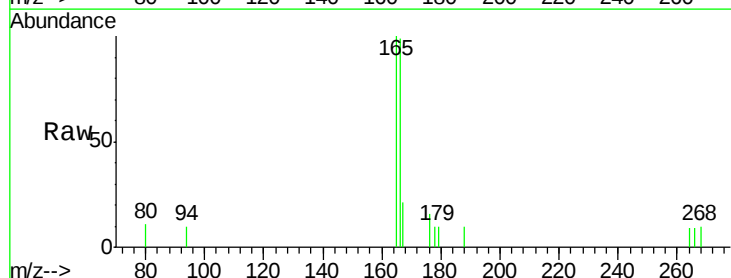
Tgt Ion:166 Resp: 600

Ion Ratio Lower Upper

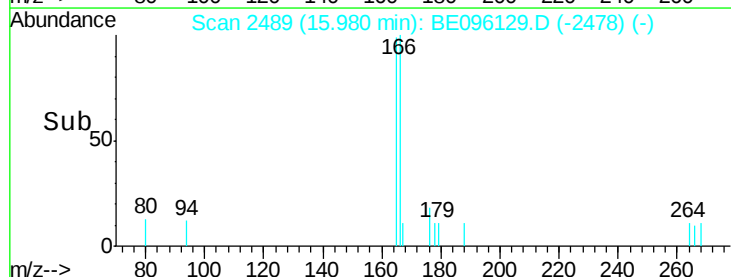
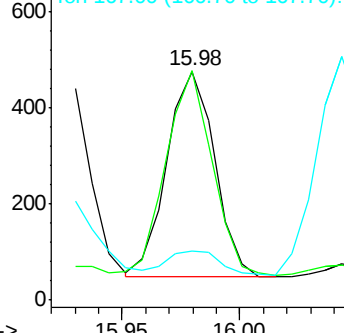
166 100

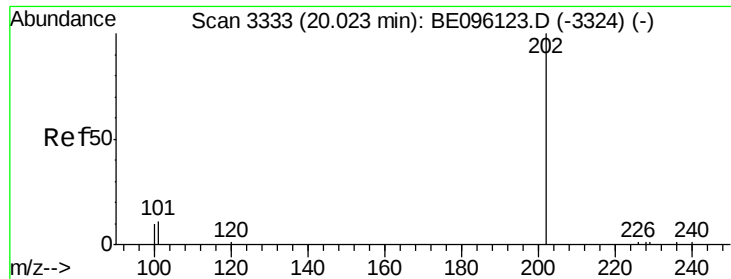
165 100.6 73.4 110.2

167 21.5 14.6 22.0



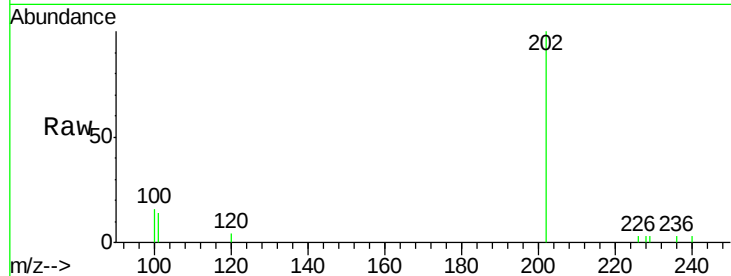
Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



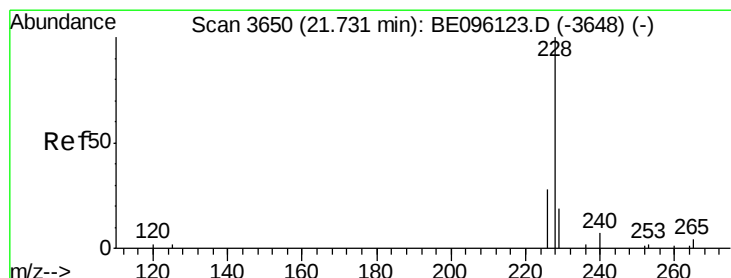
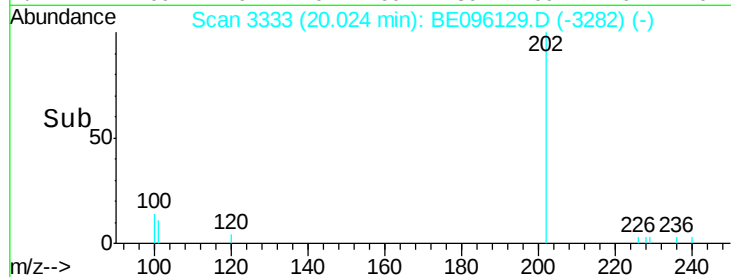
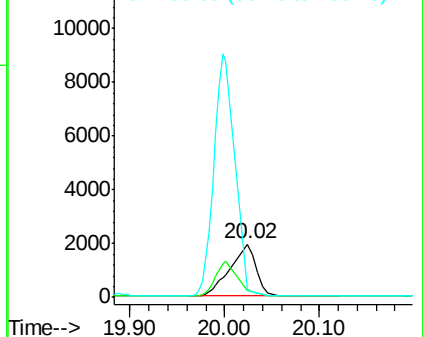


#17
 Pvrene
 Concen: 405.419 ng/ul
 RT: 20.02 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: BE096129.D
 Acq: 24 Apr 2018 20:54

Tot Ion:202 Resp: 2440
 Ion Ratio Lower Upper
 202 100
 101 14.0 18.2 27.4#
 100 16.0 15.6 23.4

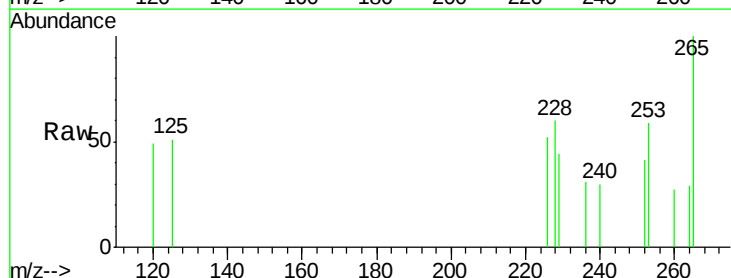


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): E

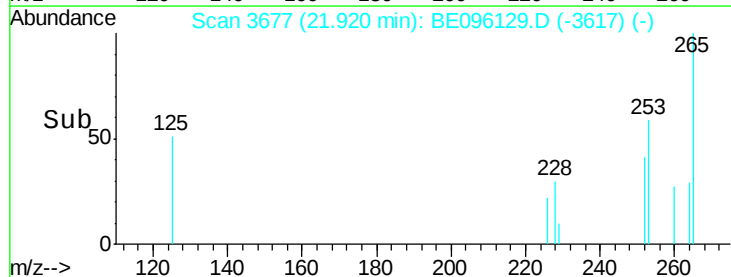
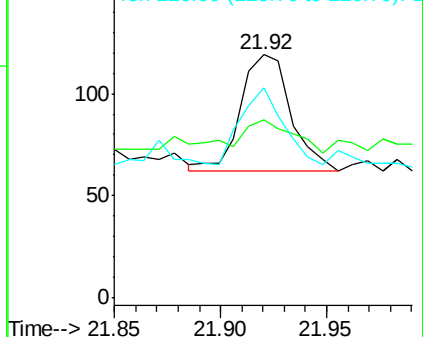


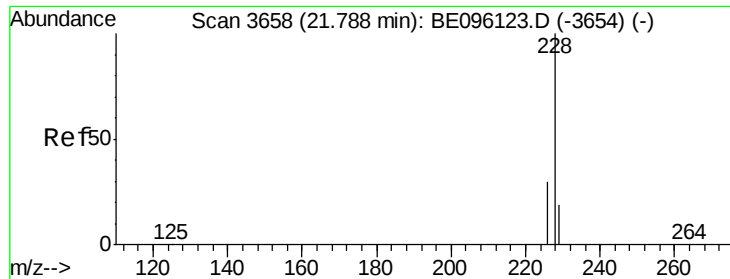
#18
 Benzo(a)anthracene
 Concen: 10.460 ng/ul
 RT: 21.92 min Scan# 3677
 Delta R.T. 0.19 min
 Lab File: BE096129.D
 Acq: 24 Apr 2018 20:54

Tgt Ion:228 Resp: 95
 Ion Ratio Lower Upper
 228 100
 229 73.1 22.8 34.2#
 226 86.6 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: 11.383 ng/ul

RT: 21.92 min Scan# 3677

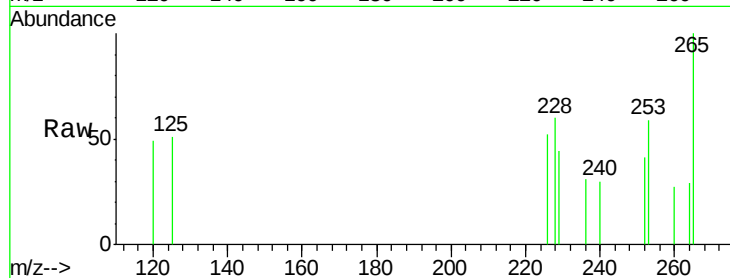
Delta R.T. 0.13 min

Lab File: BE096129.D

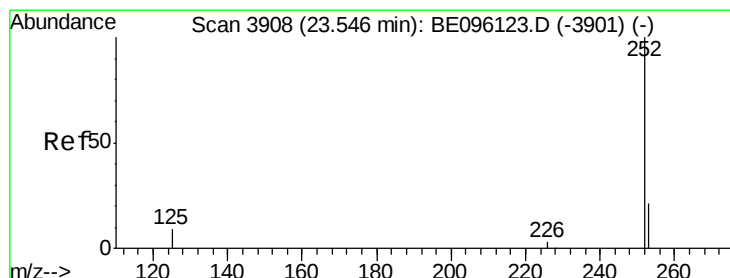
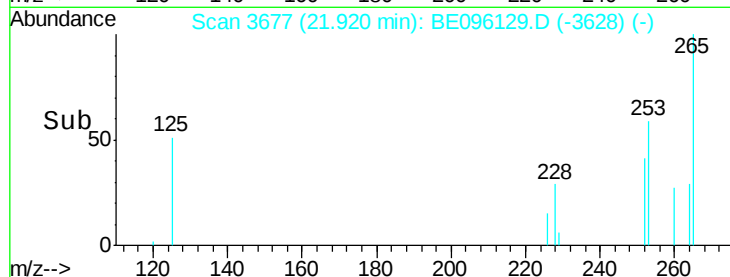
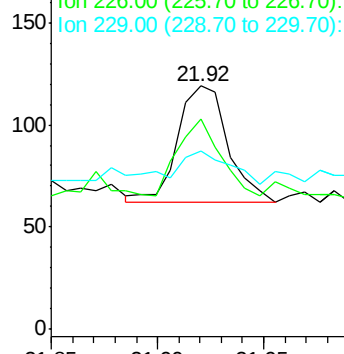
Acq: 24 Apr 2018 20:54

Tot Ion: 228 Resp: 95

Ion	Ratio	Lower	Upper
228	100		
226	86.6	23.4	35.0#
229	73.1	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: 0.352 ng/ul

RT: 23.83 min Scan# 3949

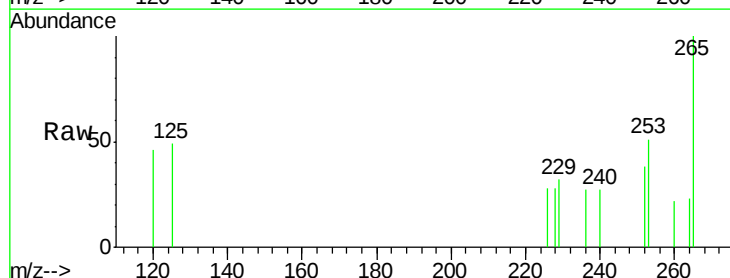
Delta R.T. 0.29 min

Lab File: BE096129.D

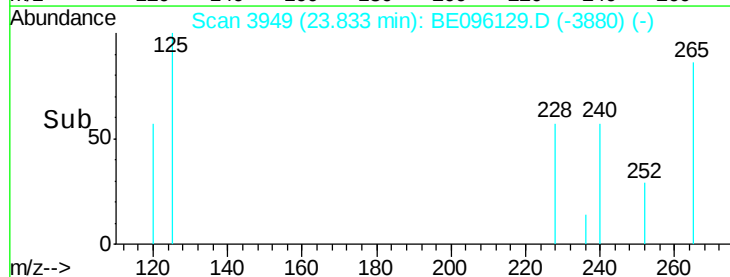
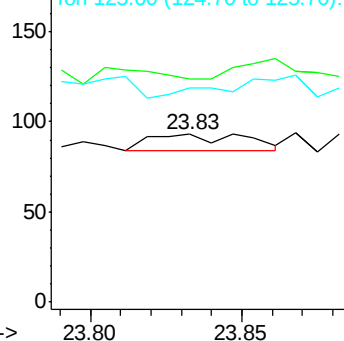
Acq: 24 Apr 2018 20:54

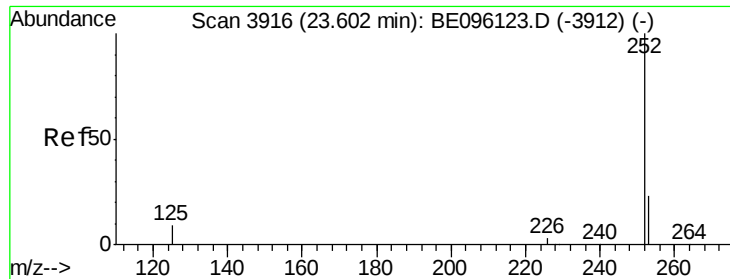
Tgt Ion: 252 Resp: 20

Ion	Ratio	Lower	Upper
252	100		
253	133.3	0.0	64.2#
125	128.0	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: 0.424 ng/ul

RT: 23.94 min Scan# 3964

Delta R.T. 0.34 min

Lab File: BE096129.D

Acq: 24 Apr 2018 20:54

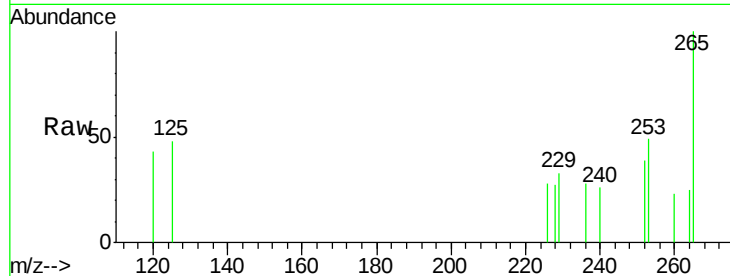
Tot Ion:252 Resp: 23

Ion Ratio Lower Upper

252 100

253 125.0 24.5 36.7#

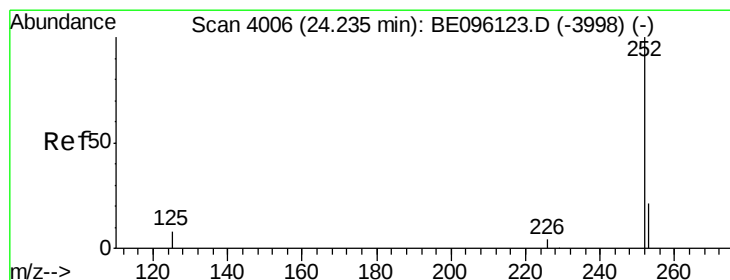
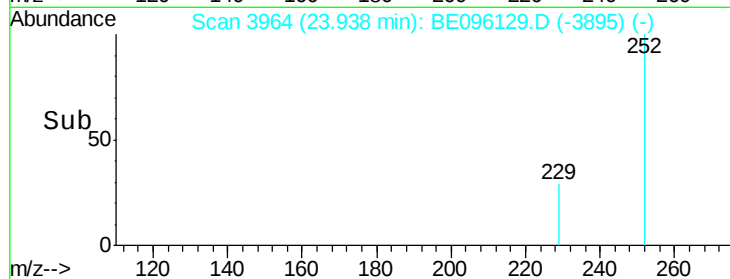
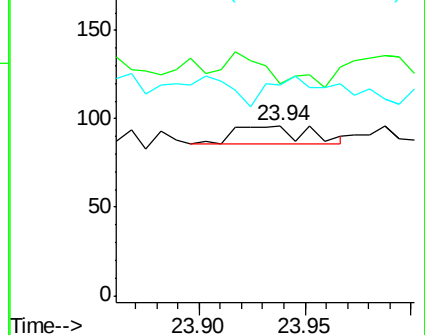
125 124.0 13.7 20.5#



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: 0.284 ng/ul

RT: 24.55 min Scan# 4051

Delta R.T. 0.32 min

Lab File: BE096129.D

Acq: 24 Apr 2018 20:54

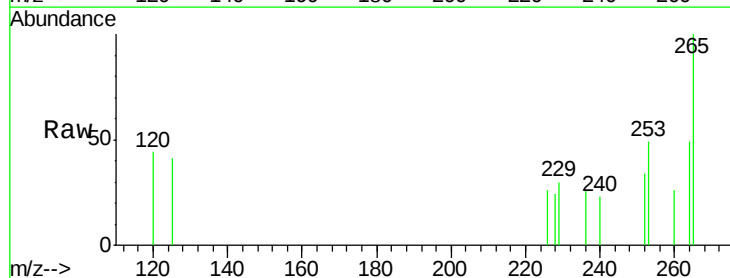
Tgt Ion:252 Resp: 14

Ion Ratio Lower Upper

252 100

253 144.4 28.5 42.7#

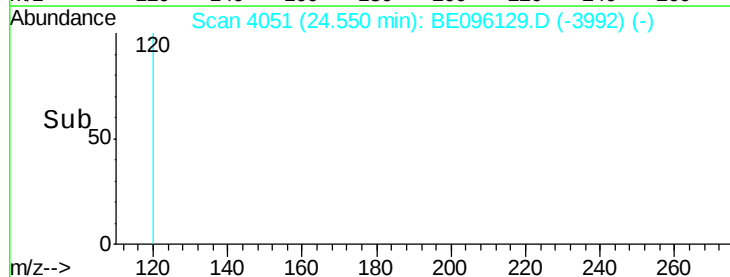
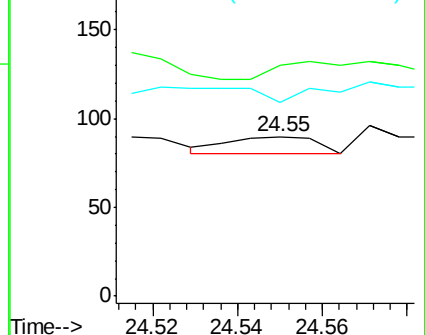
125 121.1 18.1 27.1#

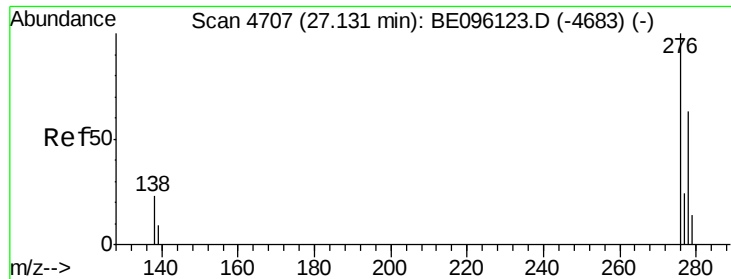


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

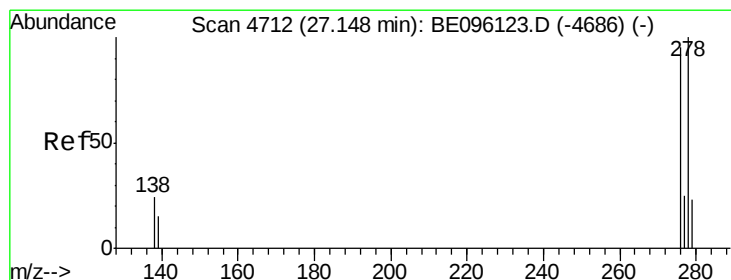
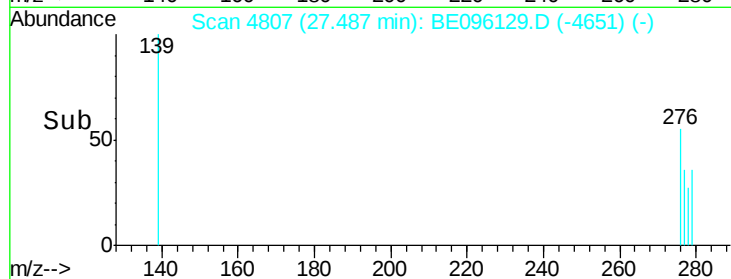
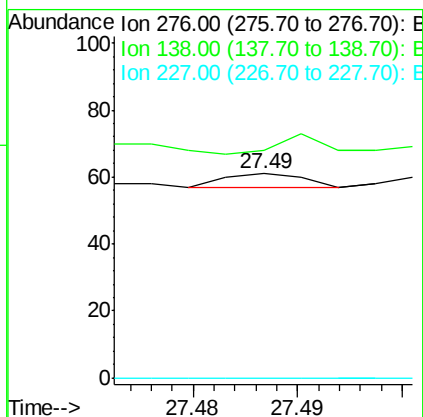
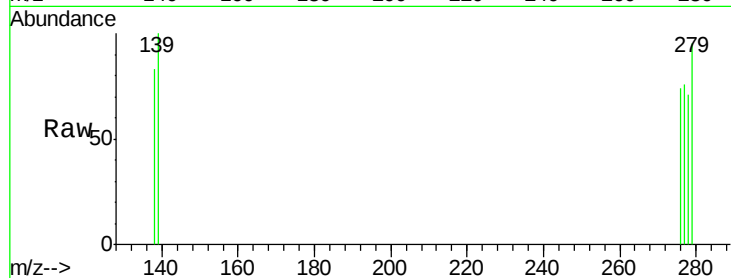
Ion 125.00 (124.70 to 125.70): E





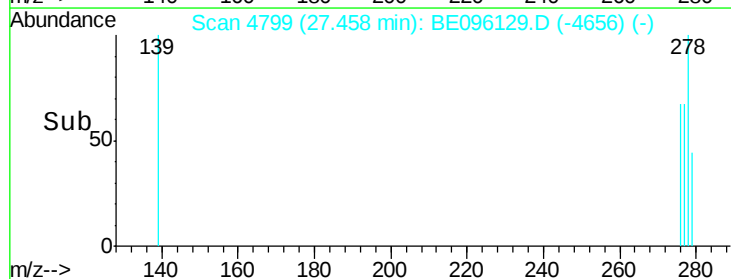
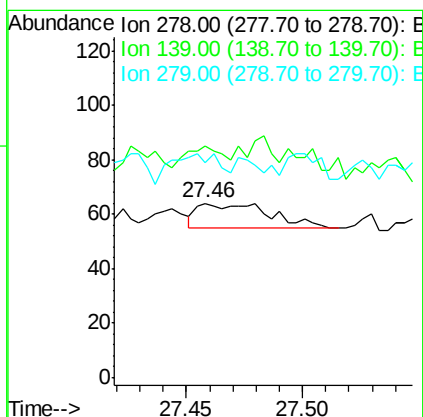
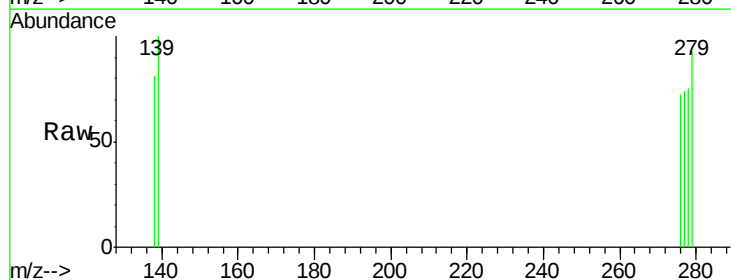
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/ul
RT: 27.49 min Scan# 4807
Delta R.T. 0.36 min
Lab File: BE096129.D
Acq: 24 Apr 2018 20:54

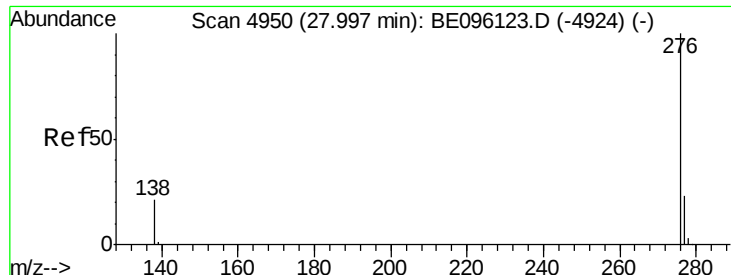
Tot Ion: 276 Resp: 2
Ion Ratio Lower Upper
276 100
138 100.0 28.0 42.0#
227 0.0 8.0 12.0#



#25
Dibenzo(a,h)anthracene
Concen: 0.341 ng/ul
RT: 27.46 min Scan# 4799
Delta R.T. 0.31 min
Lab File: BE096129.D
Acq: 24 Apr 2018 20:54

Tgt Ion: 278 Resp: 19
Ion Ratio Lower Upper
278 100
139 132.8 17.4 26.0#
279 123.4 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.069 ng/ul

RT: 28.34 min Scan# 5045

Delta R.T. 0.34 min

Lab File: BE096129.D

Acq: 24 Apr 2018 20:54

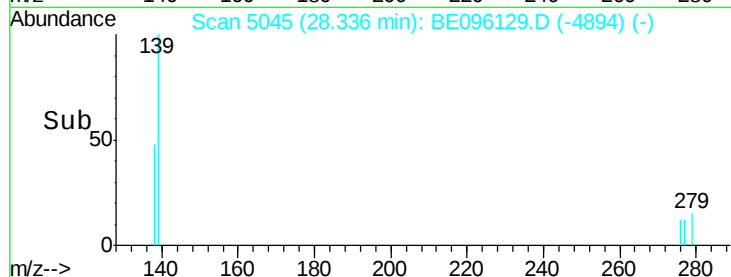
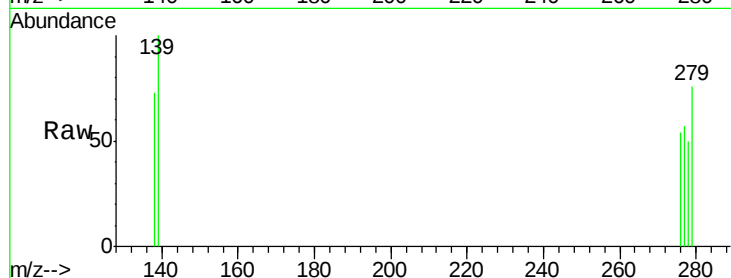
Tot Ion: 276 Resp: 4

Ion Ratio Lower Upper

276 100

138 135.6 21.8 32.8#

277 106.8 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

