

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042418\
 Data File : BE096131.D
 Acq On : 24 Apr 2018 22:09
 Operator : SJ/JU
 Sample : J2467-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

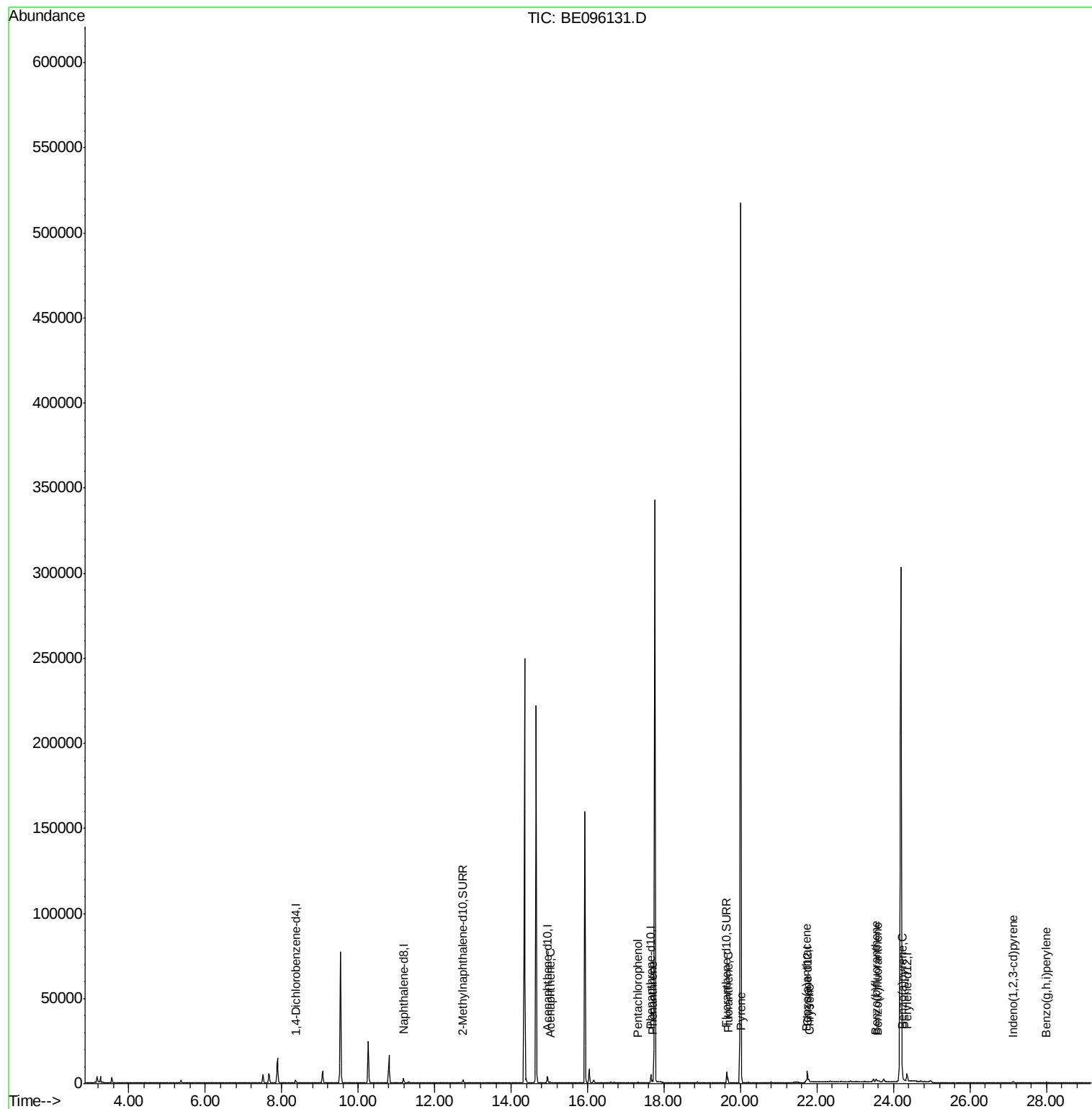
Quant Time: Apr 25 06:36:51 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration

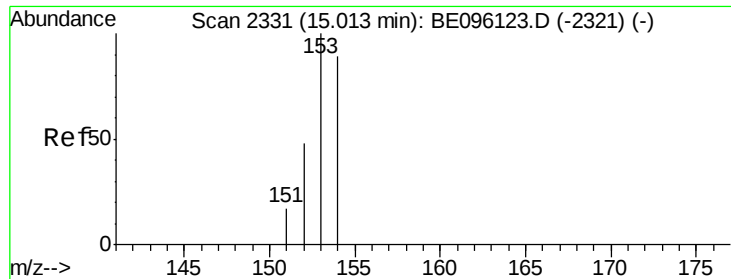
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	830	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3295	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2264	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	5841m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	7867m	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5873m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1881	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	7223m	0.27	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthene	15.01	153	278	0.033	ng/ul#	85
11) Pentachlorophenol	17.32	266	117m	0.083	ng/ul	
12) Phenanthrene	17.70	178	1677m	0.098	ng/ul	
15) Fluoranthene	19.67	202	3868m	0.147	ng/ul	
17) Pyrene	20.02	202	3702	0.235	ng/ul#	83
18) Benzo(a)anthracene	21.73	228	564m	0.024	ng/ul	
19) Chrysene	21.79	228	1672m	0.076	ng/ul	
21) Benzo(b)fluoranthene	23.55	252	2095m	0.094	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	807m	0.038	ng/ul	
23) Benzo(a)pyrene	24.24	252	799	0.041	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	27.13	276	1062	0.041	ng/ul#	79
26) Benzo(g,h,i)perylene	27.99	276	1050	0.046	ng/ul#	72

(#) = 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. -0.01 min

Lab File: BE096131.D

Acq: 24 Apr 2018 22:09

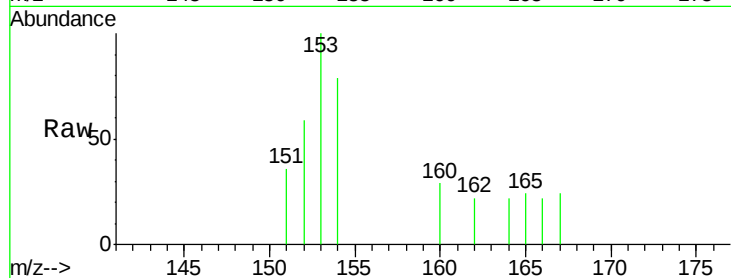
Tgt Ion:153 Resp: 278

Ion Ratio Lower Upper

153 100

152 59.3 36.0 54.0#

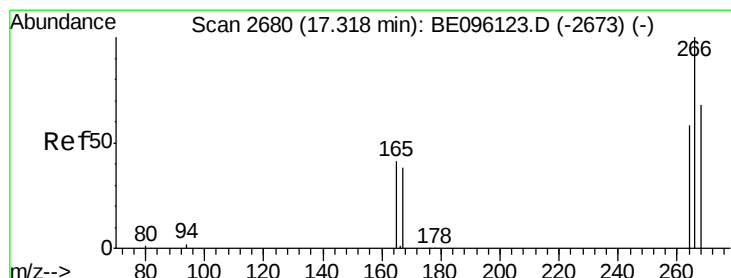
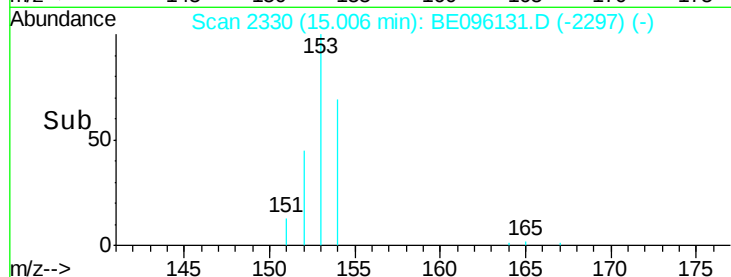
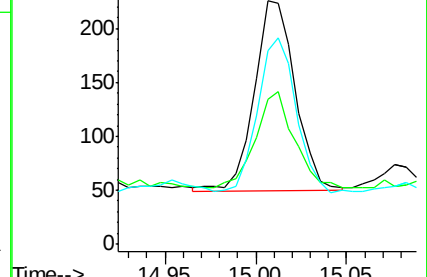
154 79.2 72.0 108.0



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



#11

Pentachlorophenol

Concen: 0.083 ng/ul m

RT: 17.32 min Scan# 2680

Delta R.T. -0.00 min

Lab File: BE096131.D

Acq: 24 Apr 2018 22:09

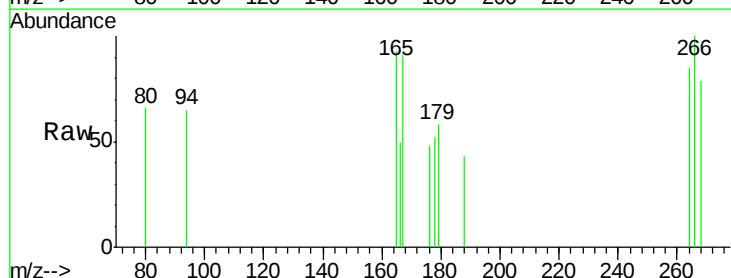
Tgt Ion:266 Resp: 117

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

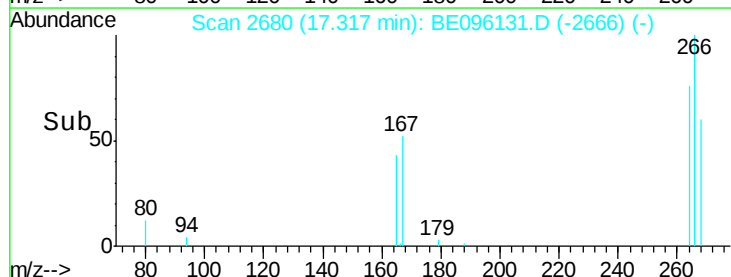
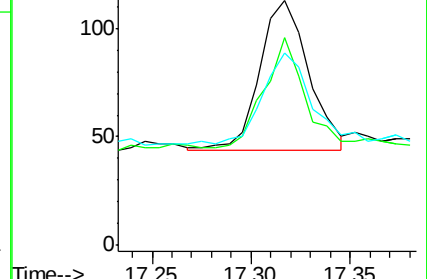
268 4.3 49.8 74.8#

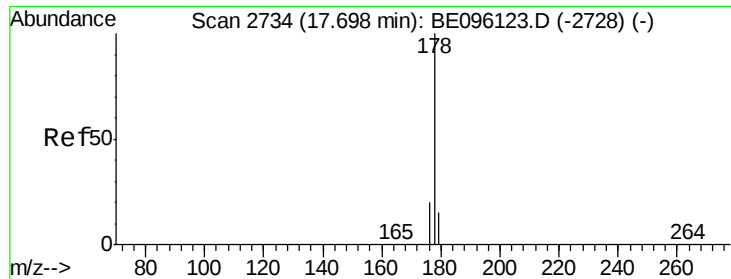


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.098 ng/ul m

RT: 17.70 min Scan# 2734

Delta R.T. -0.00 min

Lab File: BE096131.D

Acq: 24 Apr 2018 22:09

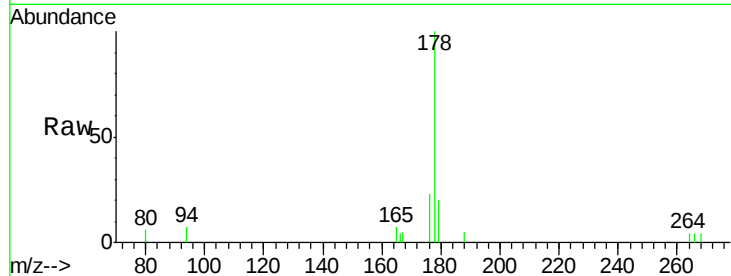
Tgt Ion:178 Resp: 1677

Ion Ratio Lower Upper

178 100

179 19.6 18.4 27.6

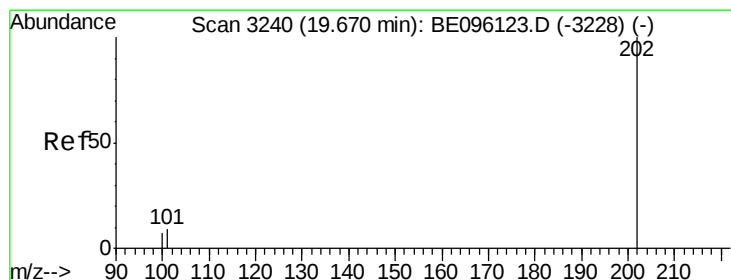
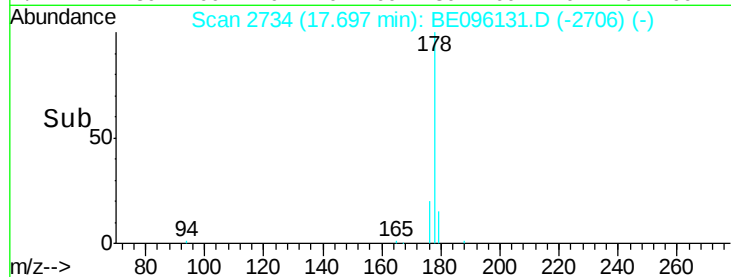
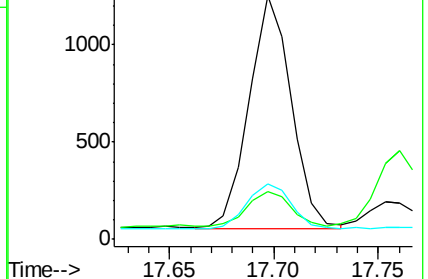
176 22.7 13.6 20.4#



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: 0.147 ng/ul m

RT: 19.67 min Scan# 3239

Delta R.T. -0.00 min

Lab File: BE096131.D

Acq: 24 Apr 2018 22:09

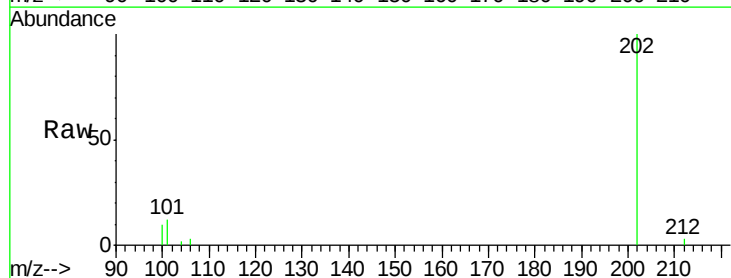
Tgt Ion:202 Resp: 3868

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.3

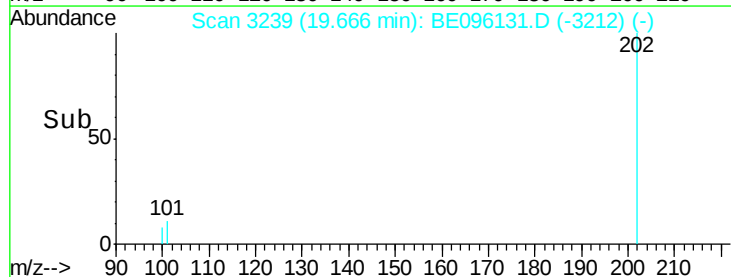
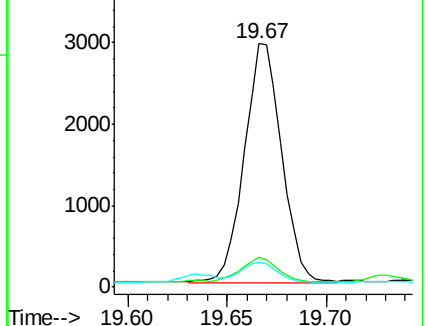
100 10.1 0.0 39.5

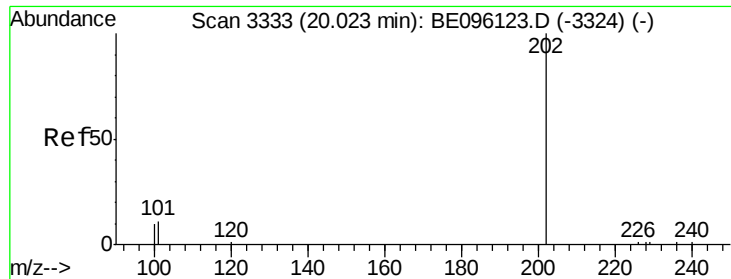


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

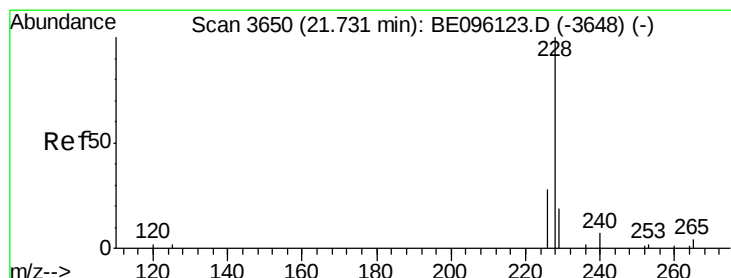
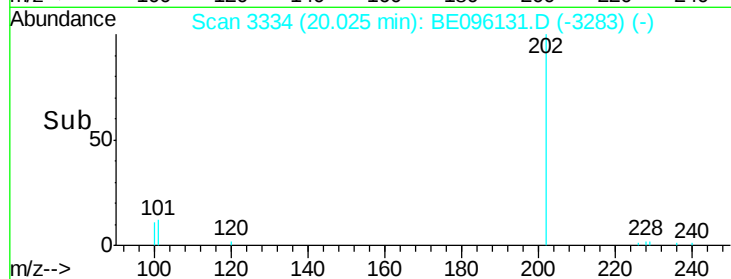
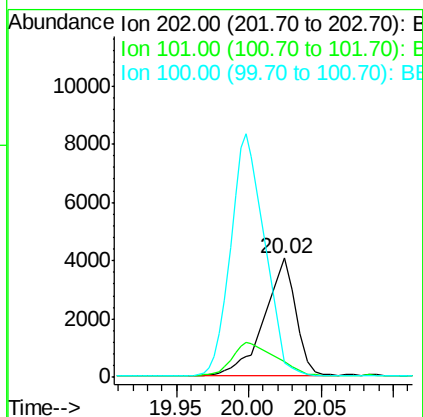
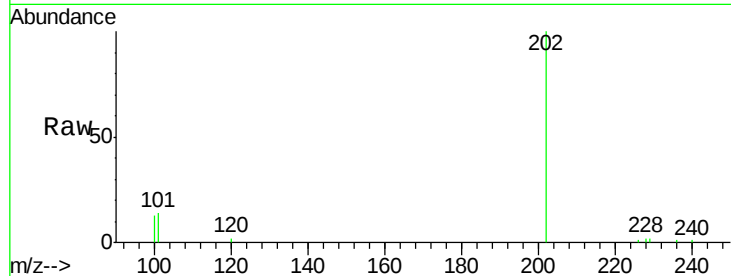
Ion 100.00 (99.70 to 100.70): BE





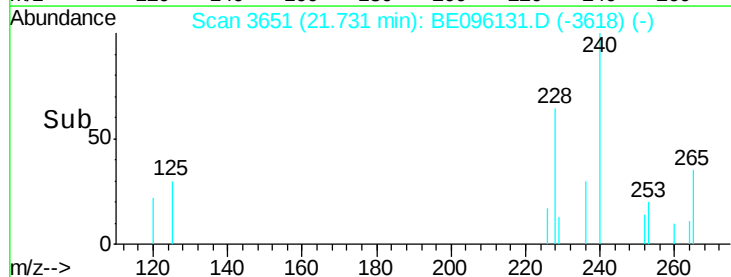
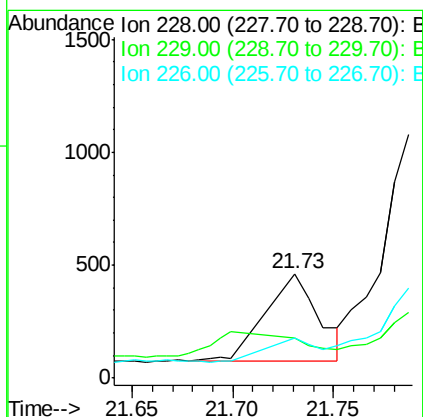
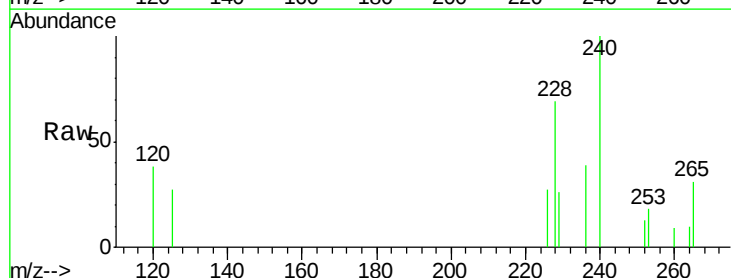
#17
 Pyrene
 Concen: 0.235 ng/ul
 RT: 20.02 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: BE096131.D
 Acq: 24 Apr 2018 22:09

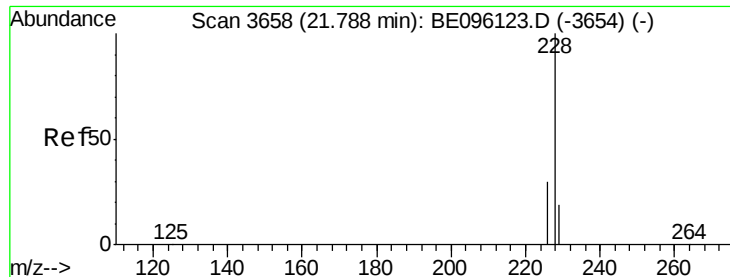
Tgt Ion: 202 Resp: 3702
 Ion Ratio Lower Upper
 202 100
 101 13.6 18.2 27.4#
 100 12.7 15.6 23.4#



#18
 Benzo(a)anthracene
 Concen: 0.024 ng/ul m
 RT: 21.73 min Scan# 3651
 Delta R.T. -0.00 min
 Lab File: BE096131.D
 Acq: 24 Apr 2018 22:09

Tgt Ion: 228 Resp: 564
 Ion Ratio Lower Upper
 228 100
 229 38.3 22.8 34.2#
 226 39.0 17.0 25.6#





#19

Chrysene

Concen: 0.076 ng/ul m

RT: 21.79 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BE096131.D

Acq: 24 Apr 2018 22:09

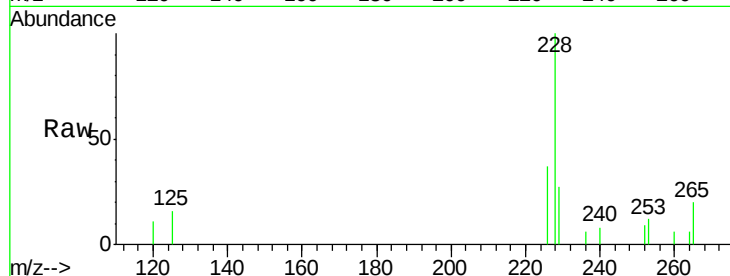
Tgt Ion: 228 Resp: 1672

Ion Ratio Lower Upper

228 100

226 36.7 23.4 35.0#

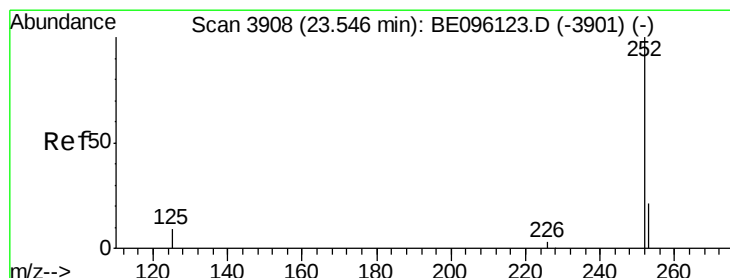
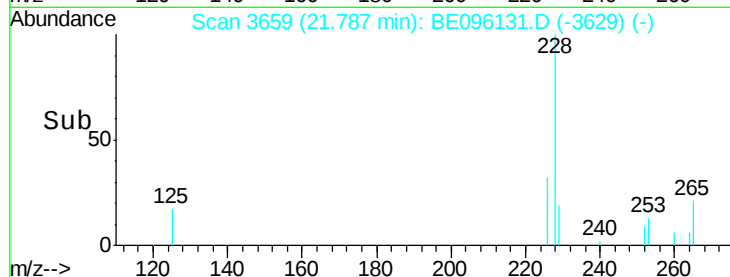
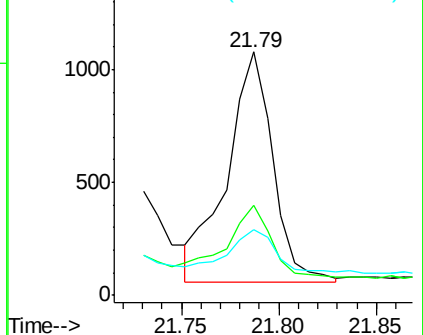
229 27.1 17.7 26.5#



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: 0.094 ng/ul m

RT: 23.55 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BE096131.D

Acq: 24 Apr 2018 22:09

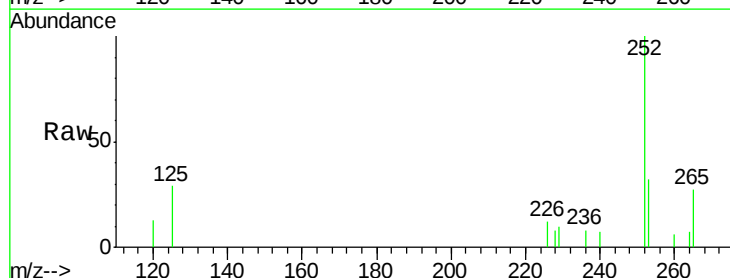
Tgt Ion: 252 Resp: 2095

Ion Ratio Lower Upper

252 100

253 32.0 0.0 64.2

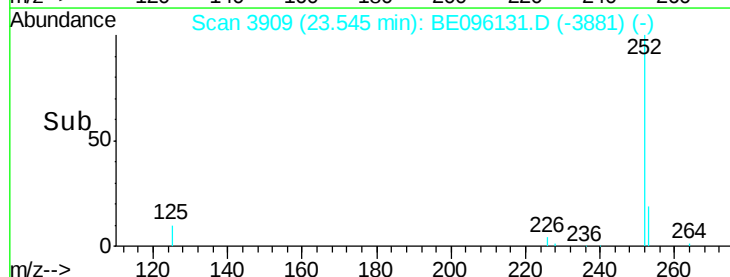
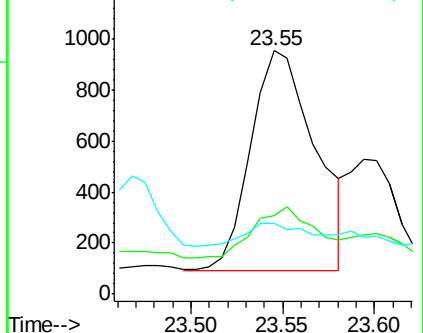
125 28.9 0.0 35.0

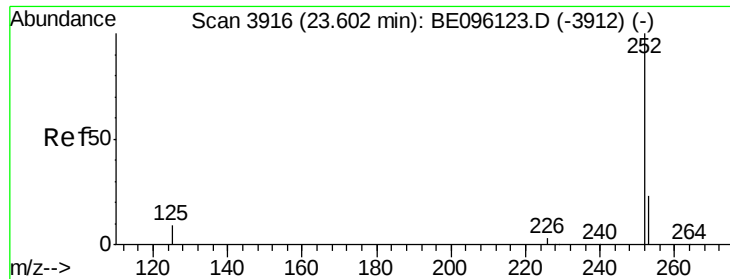


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.038 ng/ul m

RT: 23.59 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BE096131.D

Acq: 24 Apr 2018 22:09

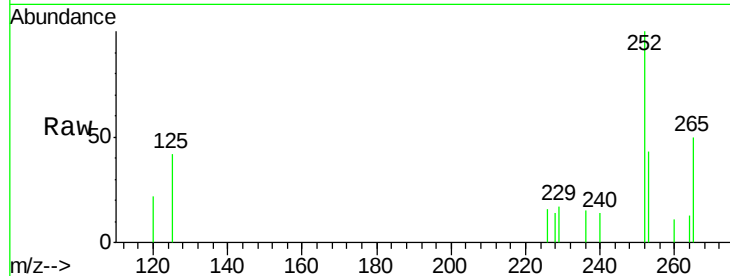
Tgt Ion: 252 Resp: 807

Ion Ratio Lower Upper

252 100

253 43.3 24.5 36.7#

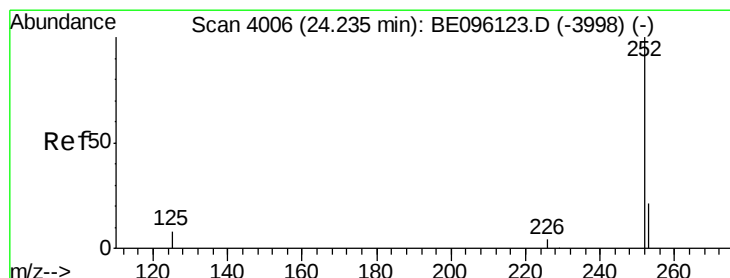
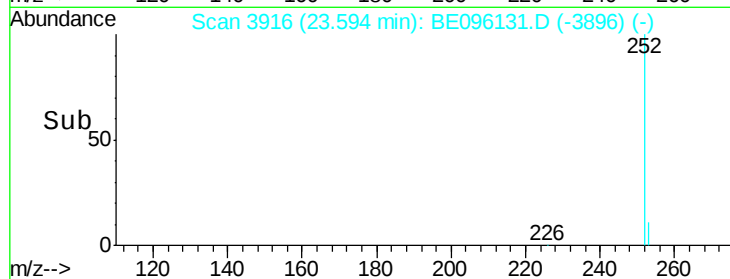
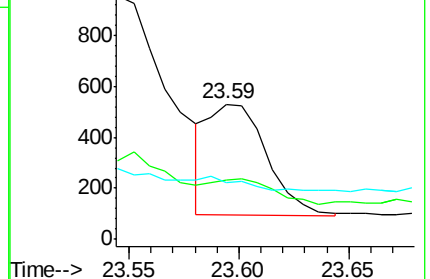
125 42.0 13.7 20.5#



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: 0.041 ng/ul

RT: 24.24 min Scan# 4008

Delta R.T. 0.01 min

Lab File: BE096131.D

Acq: 24 Apr 2018 22:09

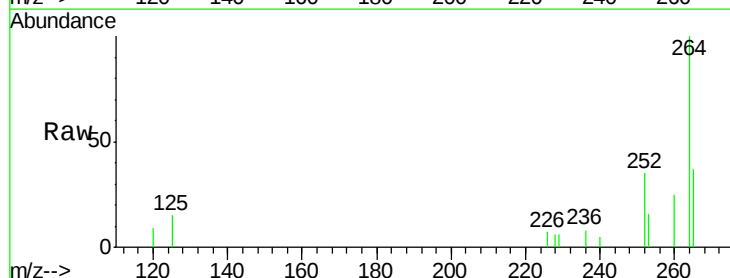
Tgt Ion: 252 Resp: 799

Ion Ratio Lower Upper

252 100

253 43.9 28.5 42.7#

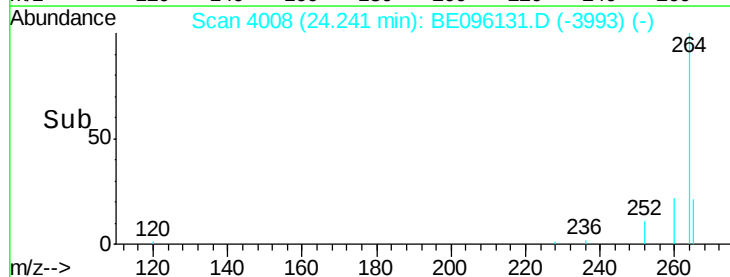
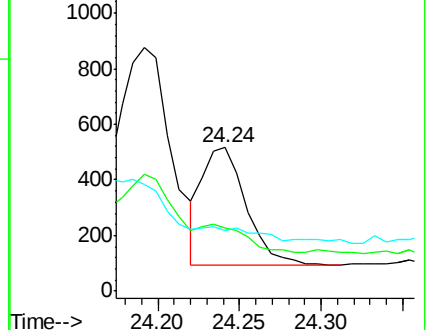
125 42.7 18.1 27.1#

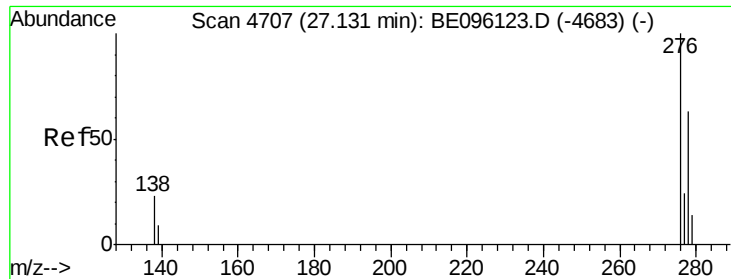


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

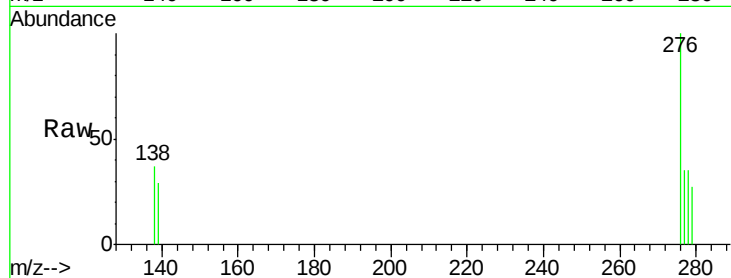




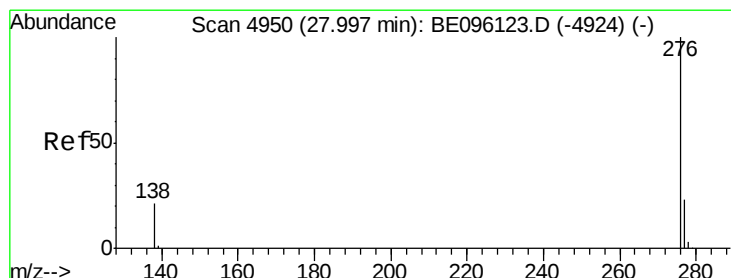
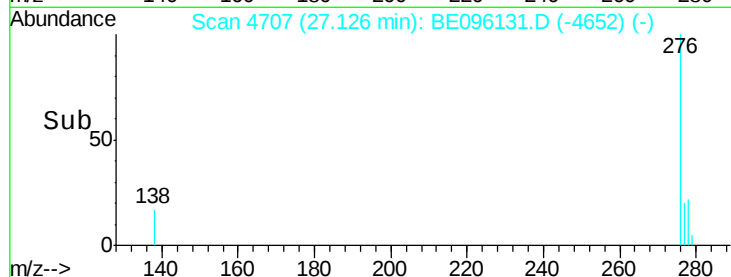
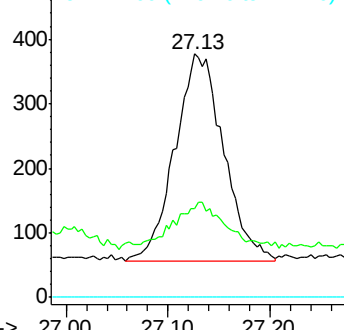
#24

Indeno(1,2,3-cd)pyrene
Concen: 0.041 ng/ul
RT: 27.13 min Scan# 4707
Delta R.T. -0.00 min
Lab File: BE096131.D
Acq: 24 Apr 2018 22:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	28.0	42.0#
227	0.0	8.0	12.0#



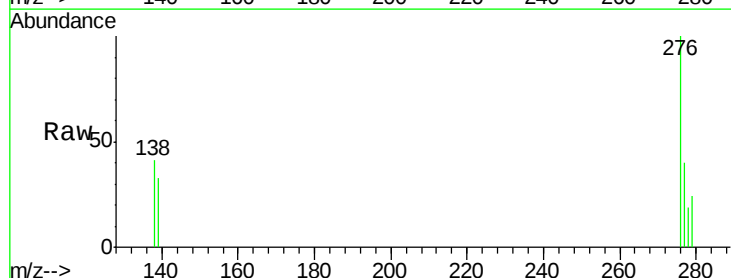
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.046 ng/ul
RT: 27.99 min Scan# 4950
Delta R.T. -0.00 min
Lab File: BE096131.D
Acq: 24 Apr 2018 22:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	41.5	21.8	32.8#
277	39.9	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

