

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096175.D
 Acq On : 26 Apr 2018 11:35
 Operator : SJ/JU
 Sample : J2431-05DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 27 02:30:47 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 02:29:47 2018
 Response via : Initial Calibration

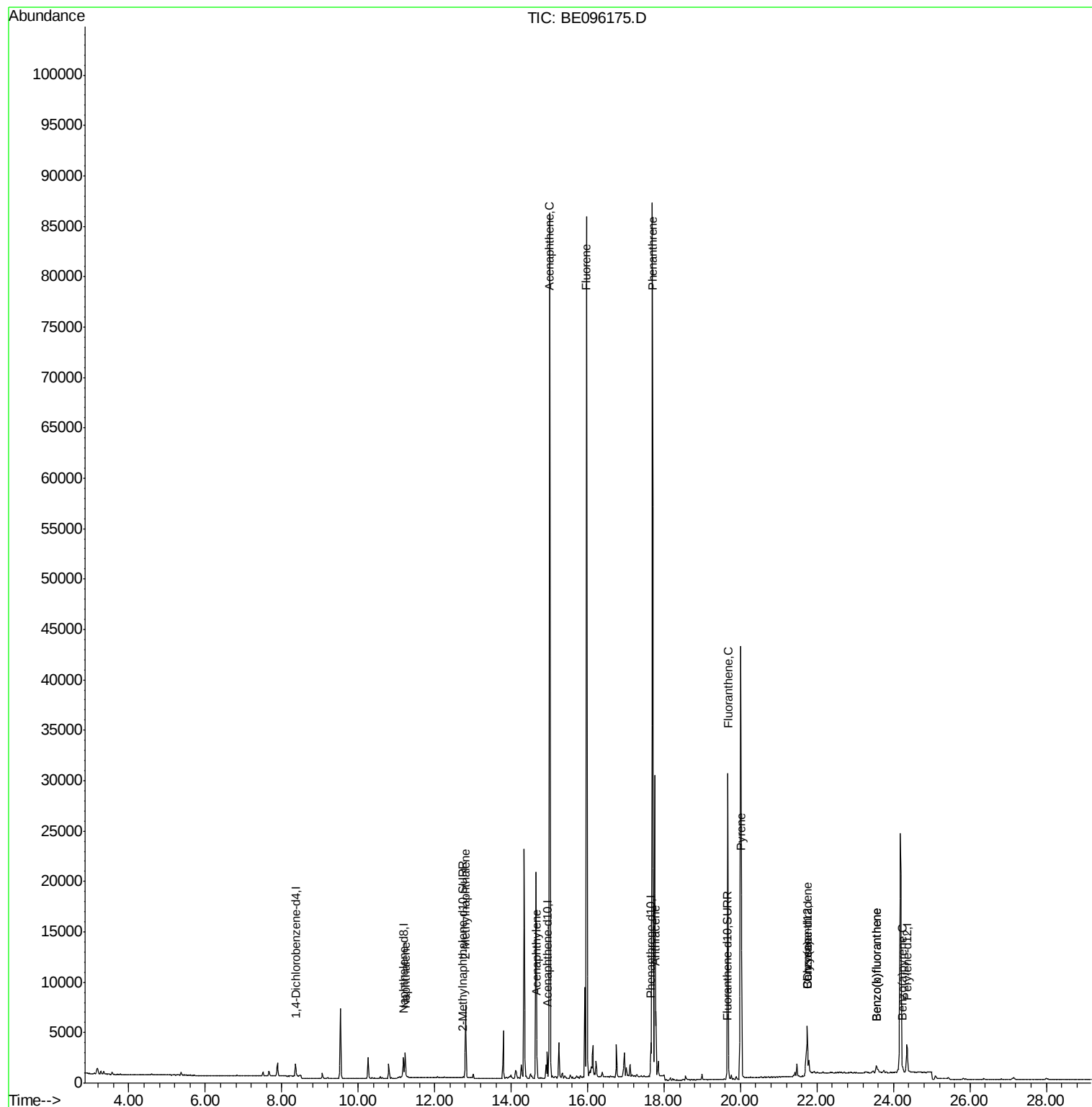
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	661	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2556	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1538	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3725	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	5142	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	3994	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	175	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	557	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	3567	0.501	ng/ul#	91
5) 2-Methylnaphthalene	12.81	142	5958	1.249	ng/ul	100
7) Acenaphthylene	14.67	152	1541	0.194	ng/ul#	88
8) Acenaphthene	15.01	153	49511	8.661	ng/ul	95
9) Fluorene	15.97	166	70715	9.349	ng/ul#	89
12) Phenanthrene	17.70	178	89785	8.187	ng/ul#	88
13) Anthracene	17.79	178	7031	0.639	ng/ul#	93
15) Fluoranthene	19.67	202	34665	2.068	ng/ul	84
17) Pyrene	20.02	202	11920	1.156	ng/ul#	77
18) Benzo(a)anthracene	21.73	228	1707	0.110	ng/ul#	87
19) Chrysene	21.73	228	1707	0.119	ng/ul	97
21) Benzo(b)fluoranthene	23.55	252	1878	0.124	ng/ul	87
22) Benzo(k)fluoranthene	23.55	252	1864	0.129	ng/ul#	85
23) Benzo(a)pyrene	24.24	252	657	0.050	ng/ul#	76

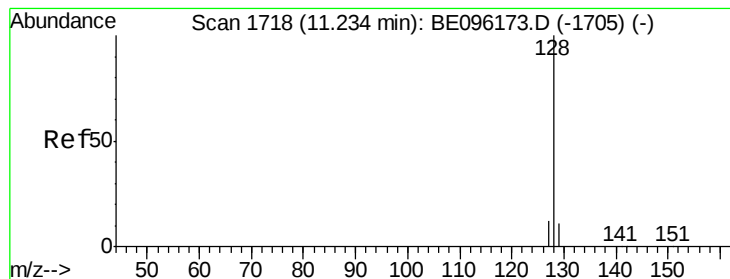
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 27 02:30:47 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 02:29:47 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.501 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

Instrument :

BNA_E

ClientSampleId :

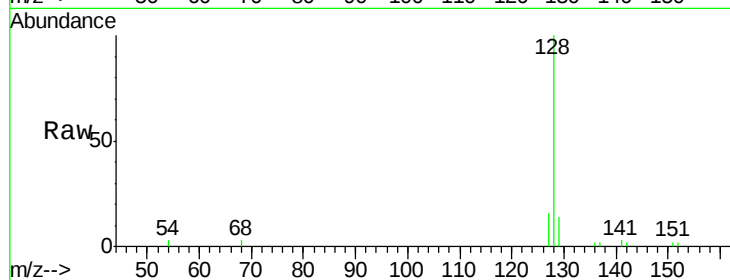
Tot Ion:128 Resp: 3567

Ion Ratio Lower Upper

128 100

129 14.5 11.3 16.9

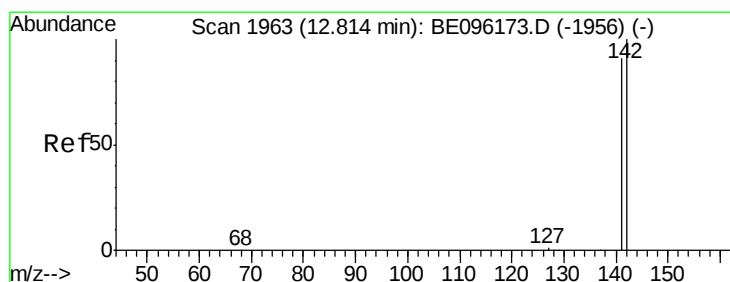
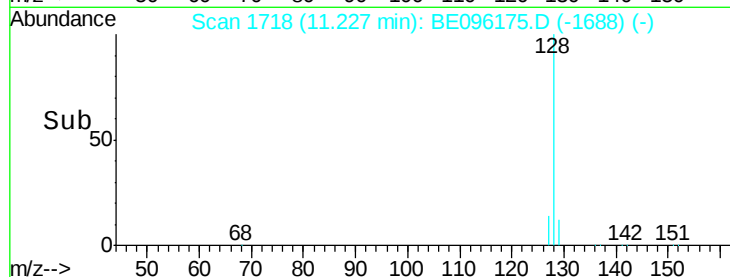
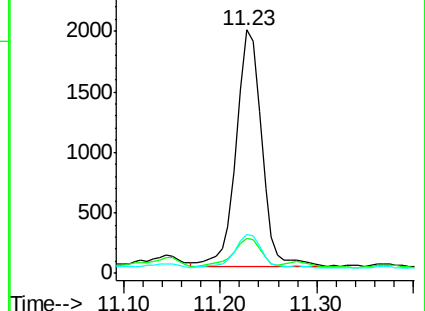
127 15.8 4.0 6.0#



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: 1.249 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BE096175.D

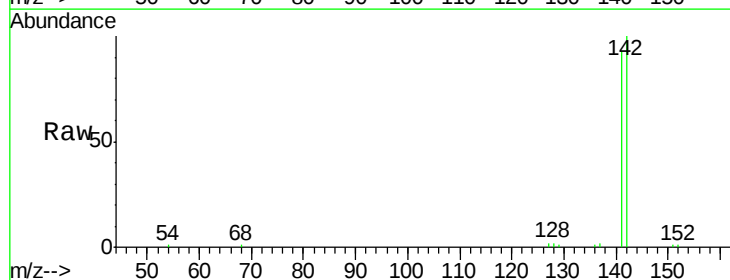
Acq: 26 Apr 2018 11:35

Tgt Ion:142 Resp: 5958

Ion Ratio Lower Upper

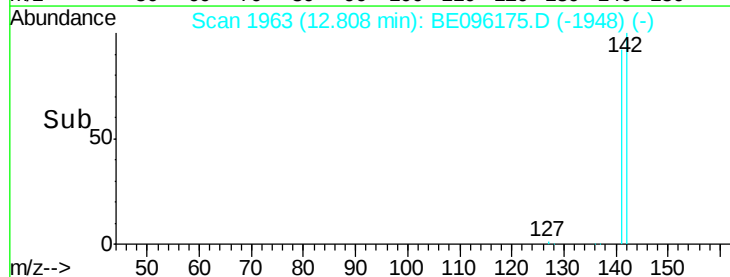
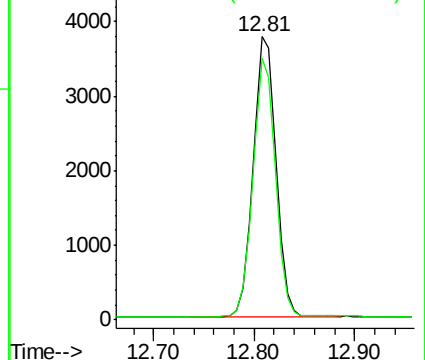
142 100

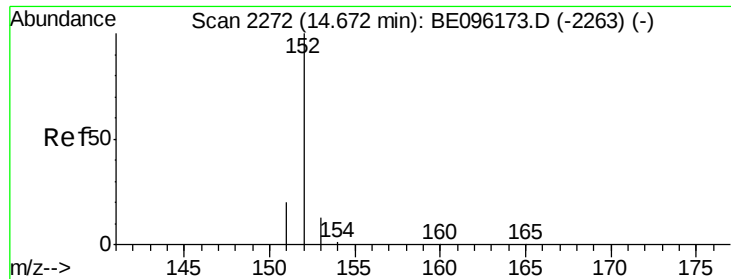
141 91.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.194 ng/ul

RT: 14.67 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE096175.D

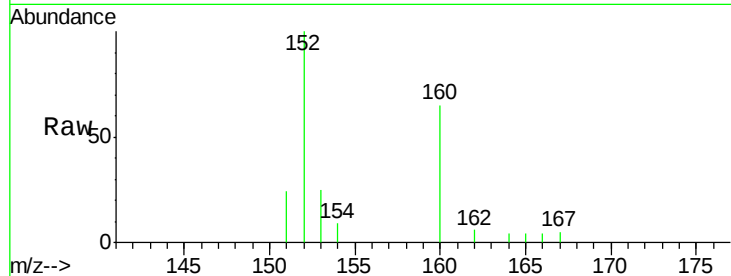
Acq: 26 Apr 2018 11:35

Instrument :

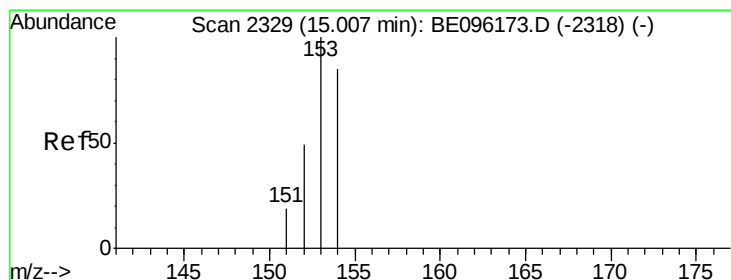
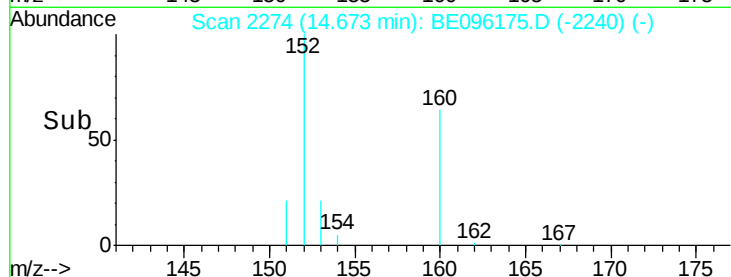
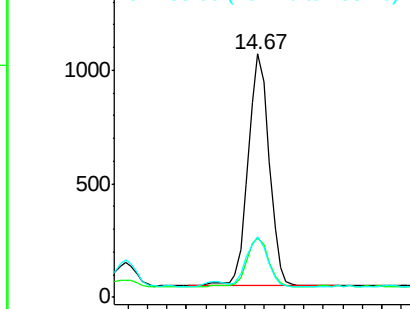
BNA_E

ClientSampleId :

Tot Ion:	152	Resp:	1541
Ion	Ratio	Lower	Upper
152	100		
151	24.3	17.1	25.7
153	24.9	12.8	19.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 8.661 ng/ul

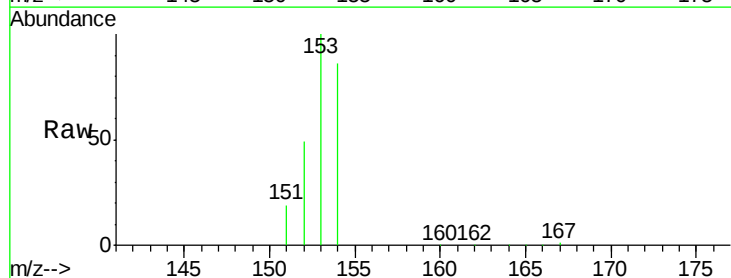
RT: 15.01 min Scan# 2331

Delta R.T. 0.00 min

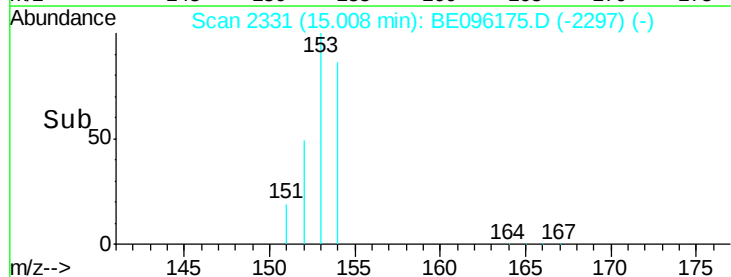
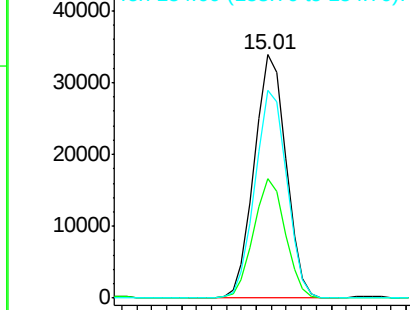
Lab File: BE096175.D

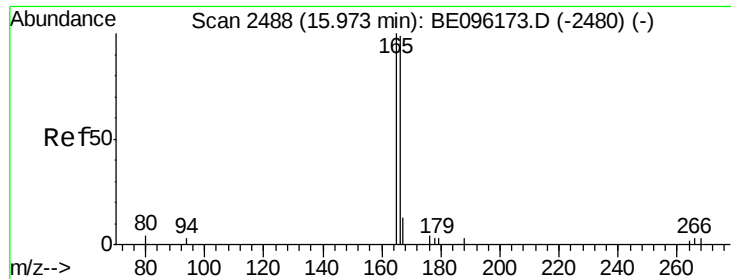
Acq: 26 Apr 2018 11:35

Tgt Ion:	153	Resp:	49511
Ion	Ratio	Lower	Upper
153	100		
152	48.9	36.0	54.0
154	85.6	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: 9.349 ng/ul

RT: 15.97 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

Instrument :

BNA_E

ClientSampleId :

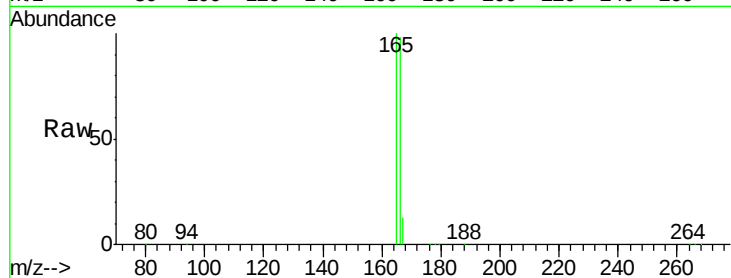
Tot Ion:166 Resp: 70715

Ion Ratio Lower Upper

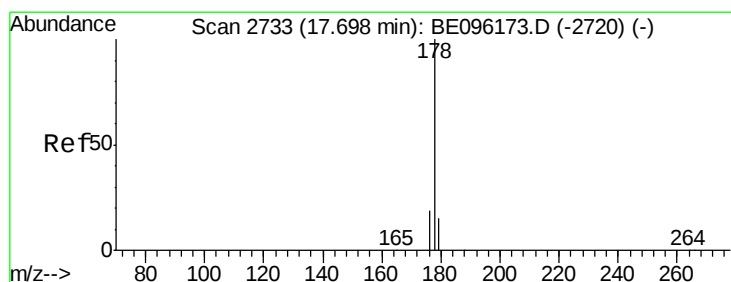
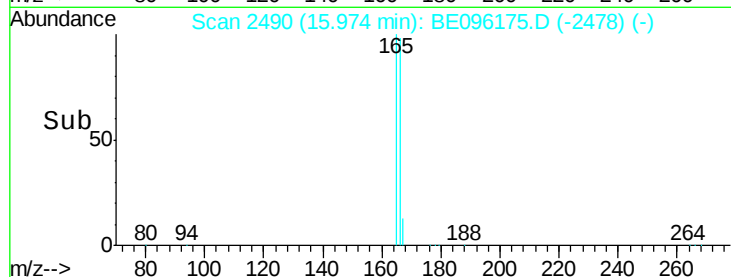
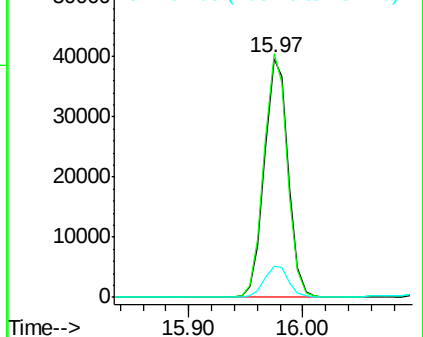
166 100

165 102.0 73.4 110.2

167 13.3 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



#12

Phenanthrene

Concen: 8.187 ng/ul

RT: 17.70 min Scan# 2735

Delta R.T. 0.00 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

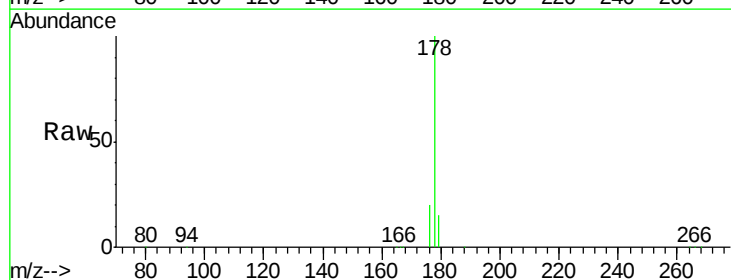
Tgt Ion:178 Resp: 89785

Ion Ratio Lower Upper

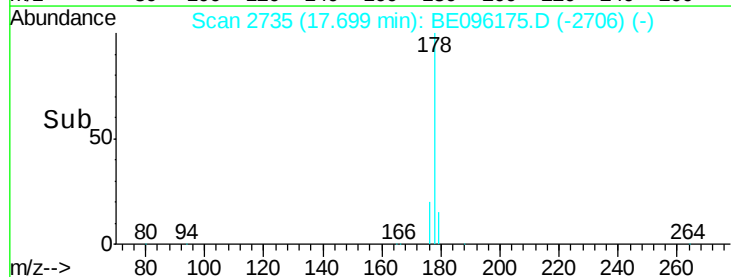
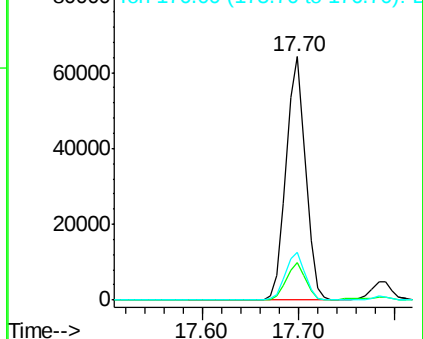
178 100

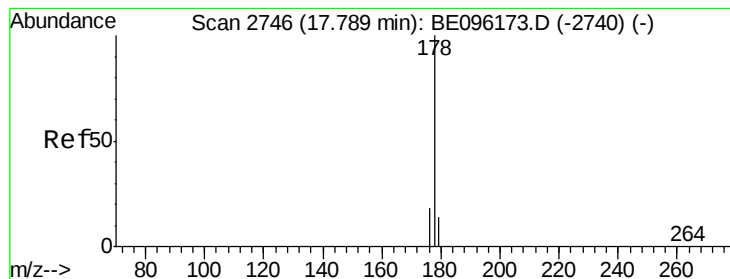
179 15.4 18.4 27.6#

176 19.8 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





#13

Anthracene

Concen: 0.639 ng/ul

RT: 17.79 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

Instrument :

BNA_E

ClientSampleId :

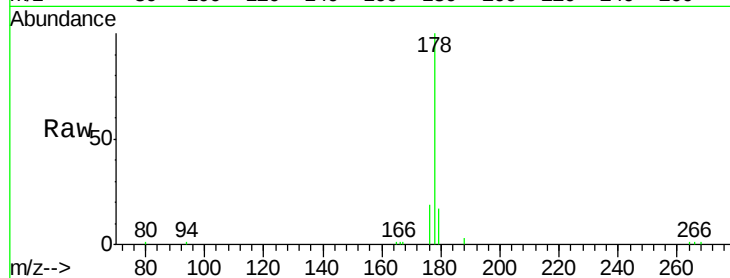
Tot Ion:178 Resp: 7031

Ion Ratio Lower Upper

178 100

179 16.8 18.1 27.1#

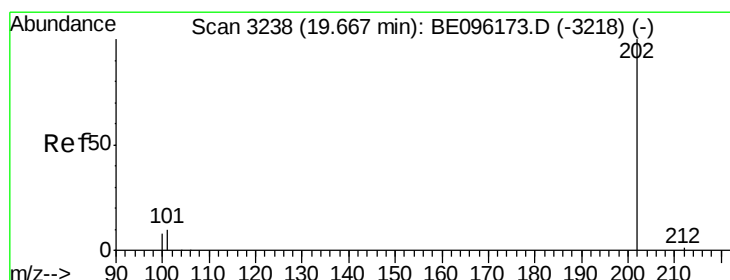
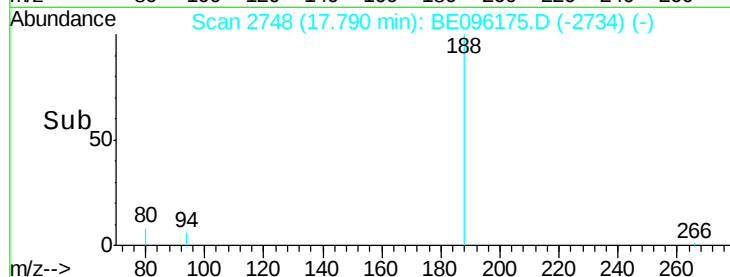
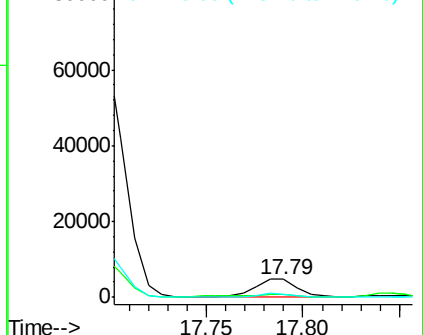
176 19.2 14.7 22.1



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: 2.068 ng/ul

RT: 19.67 min Scan# 3239

Delta R.T. -0.00 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

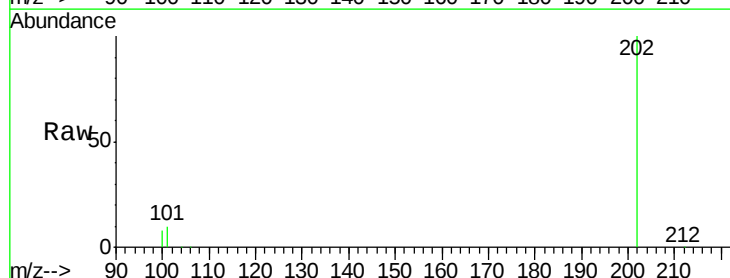
Tgt Ion:202 Resp: 34665

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.3

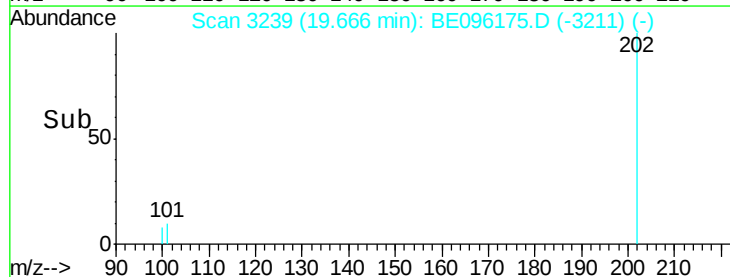
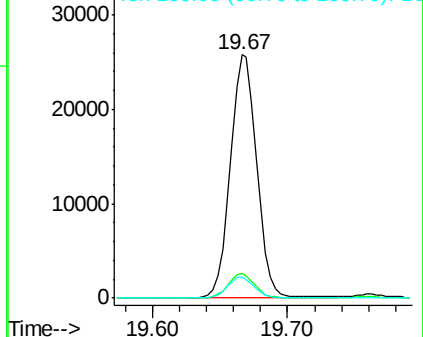
100 8.4 0.0 39.5

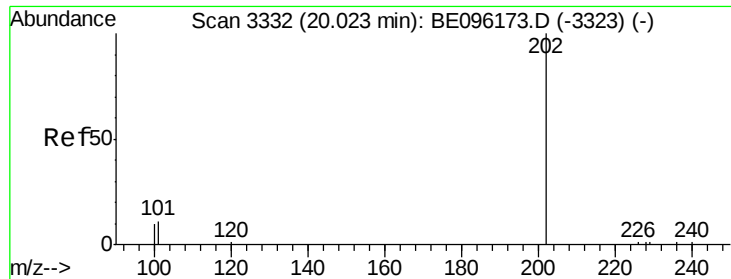


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

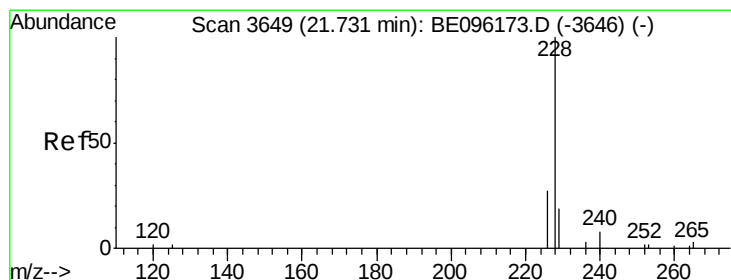
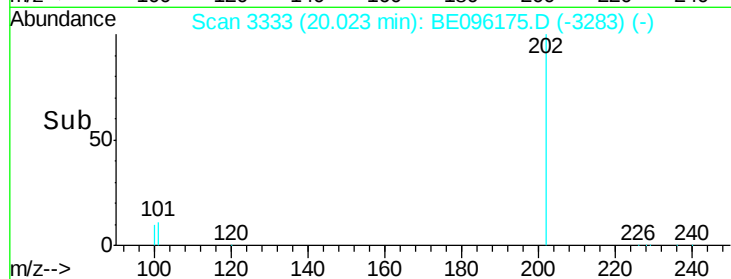
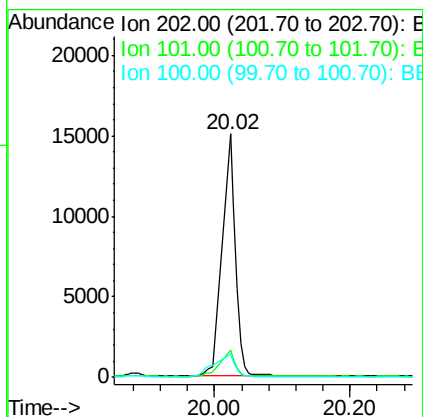
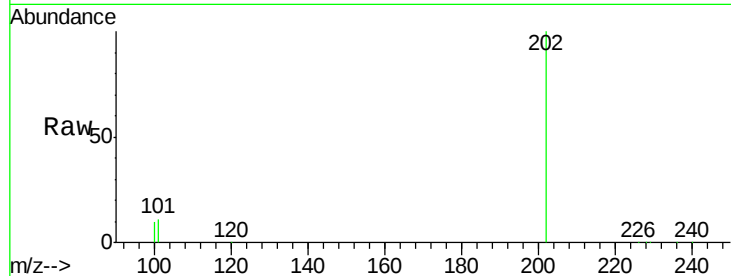




#17
Pvrene
Concen: 1.156 ng/ul
RT: 20.02 min Scan# 3333
Delta R.T. 0.00 min
Lab File: BE096175.D
Acq: 26 Apr 2018 11:35

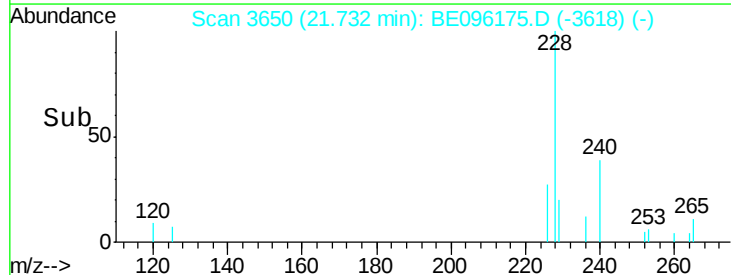
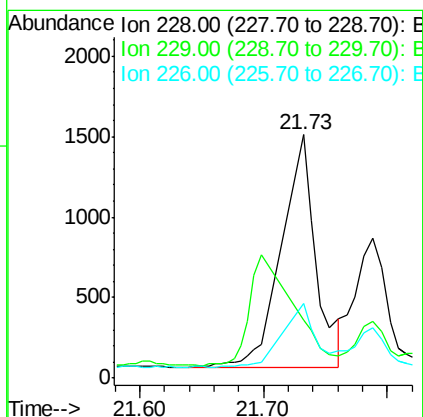
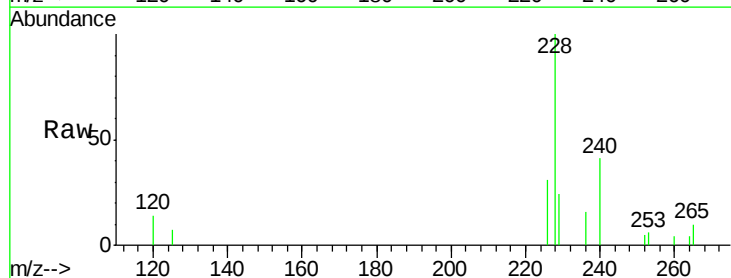
Instrument :
BNA_E
ClientSampleId :

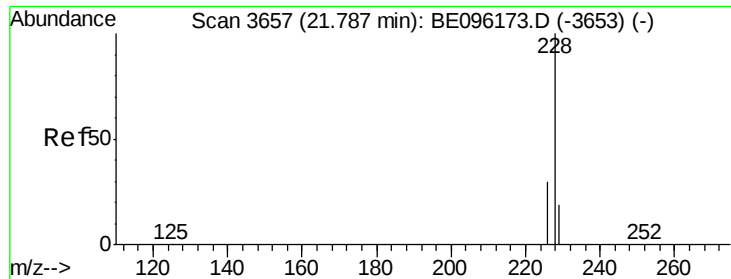
Tot Ion:202 Resp: 11920
Ion Ratio Lower Upper
202 100
101 11.2 18.2 27.4#
100 9.8 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 0.110 ng/ul
RT: 21.73 min Scan# 3650
Delta R.T. 0.00 min
Lab File: BE096175.D
Acq: 26 Apr 2018 11:35

Tgt Ion:228 Resp: 1707
Ion Ratio Lower Upper
228 100
229 24.0 22.8 34.2
226 30.6 17.0 25.6#





#19

Chrysene

Concen: 0.119 ng/ul

RT: 21.73 min Scan# 3650

Delta R.T. -0.06 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

Instrument :

BNA_E

ClientSampleId :

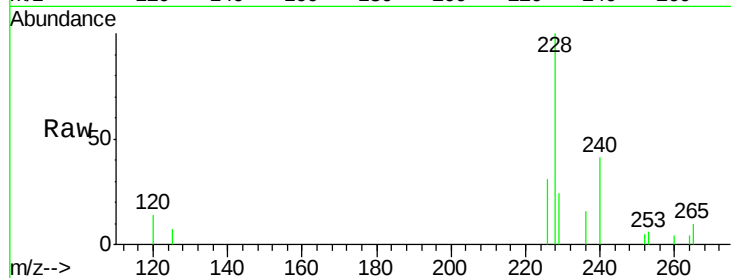
Tot Ion:228 Resp: 1707

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

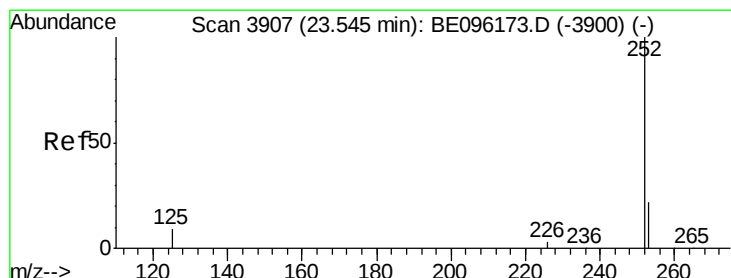
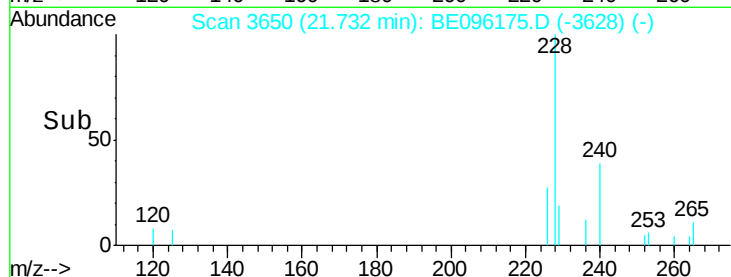
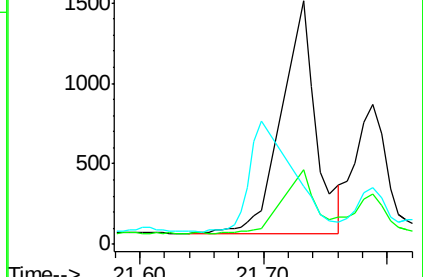
229 24.0 17.7 26.5



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: 0.124 ng/ul

RT: 23.55 min Scan# 3909

Delta R.T. 0.01 min

Lab File: BE096175.D

Acq: 26 Apr 2018 11:35

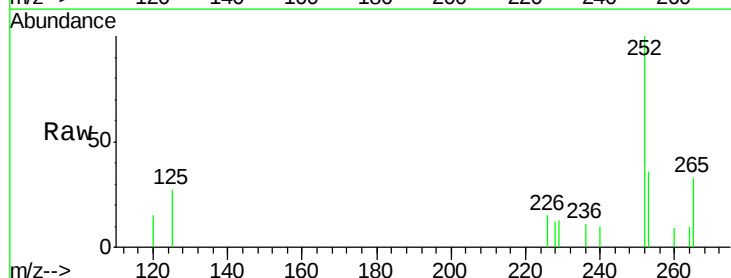
Tgt Ion:252 Resp: 1878

Ion Ratio Lower Upper

252 100

253 36.1 0.0 64.2

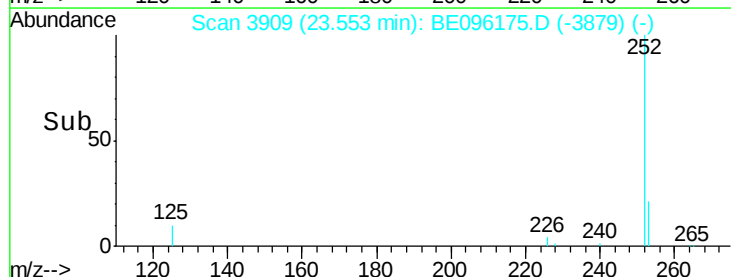
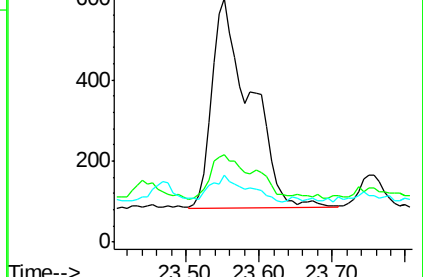
125 27.3 0.0 35.0

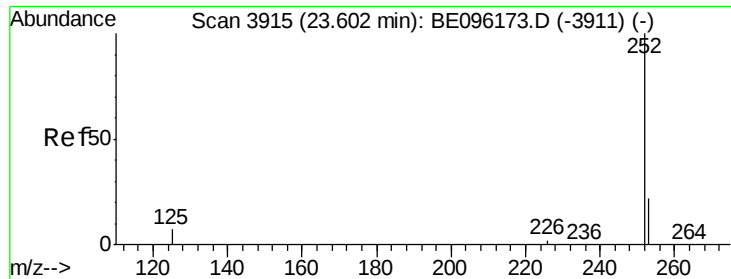


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

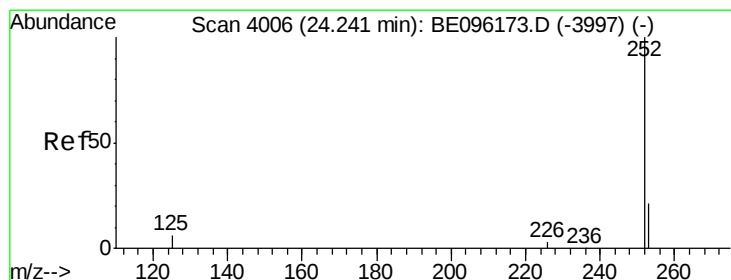
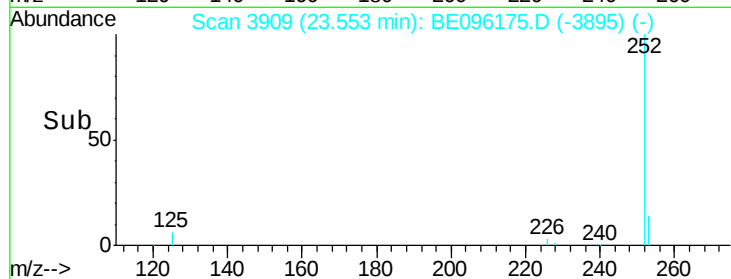
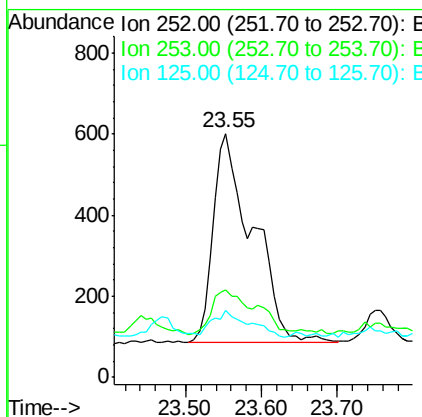
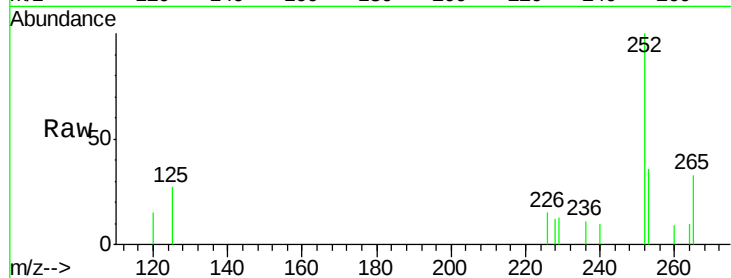




#22
Benzo(k)fluoranthene
Concen: 0.129 ng/ul
RT: 23.55 min Scan# 3909
Delta R.T. -0.05 min
Lab File: BE096175.D
Acq: 26 Apr 2018 11:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 1864
Ion Ratio Lower Upper
252 100
253 36.1 24.5 36.7
125 27.3 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 0.050 ng/ul
RT: 24.24 min Scan# 4006
Delta R.T. -0.01 min
Lab File: BE096175.D
Acq: 26 Apr 2018 11:35

Tgt Ion:252 Resp: 657
Ion Ratio Lower Upper
252 100
253 46.7 28.5 42.7#
125 38.1 18.1 27.1#

