

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096144.D
 Acq On : 25 Apr 2018 11:43
 Operator : SJ/JU
 Sample : J2355-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 26 04:18:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 04:18:04 2018
 Response via : Initial Calibration

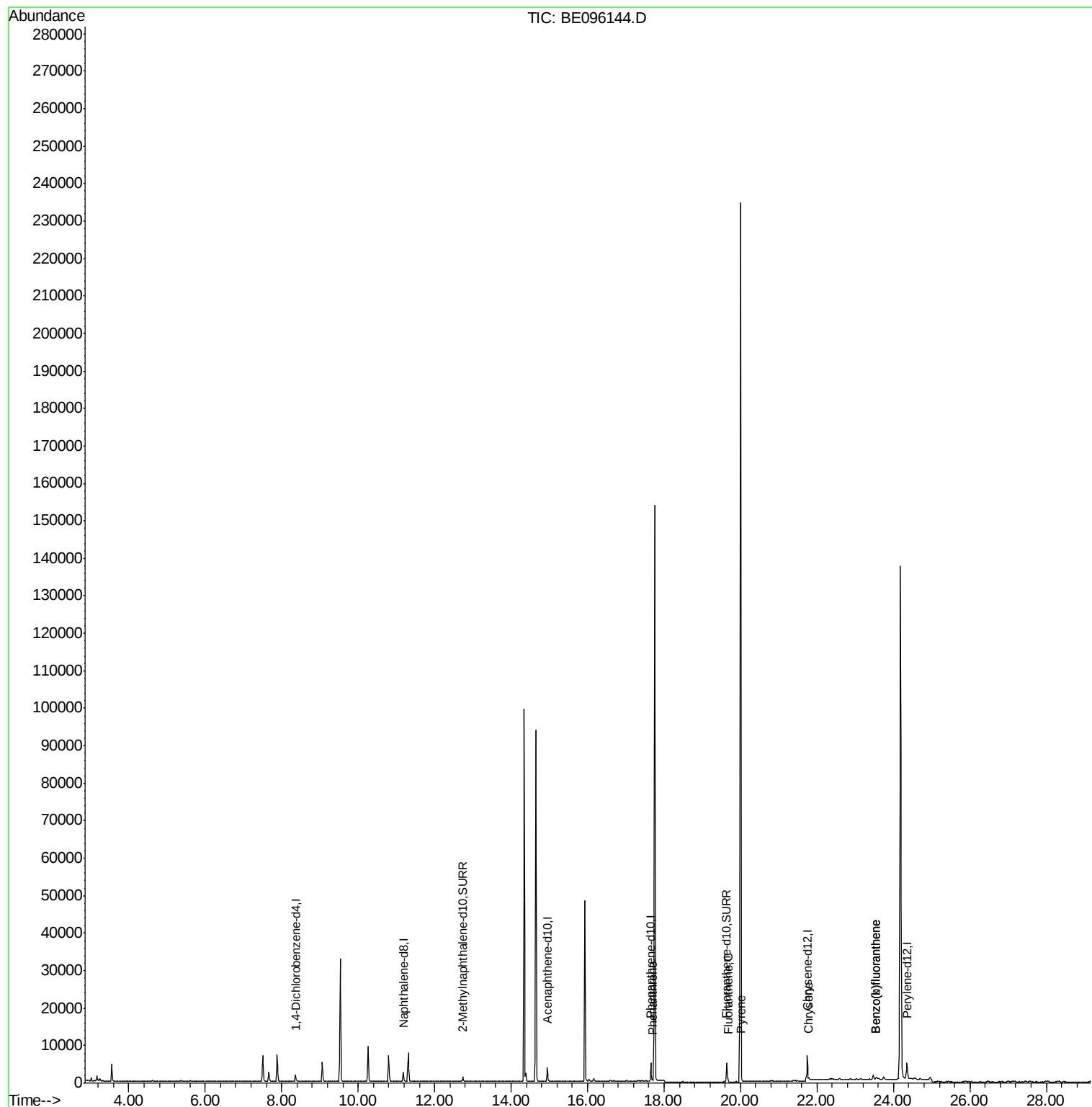
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	865	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3315	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1990	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5473	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	7621	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	6631	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1418	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	5533	0.22	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.70	178	401	0.025	ng/ul#	74
15) Fluoranthene	19.67	202	960	0.039	ng/ul	87
17) Pyrene	20.02	202	911	0.060	ng/ul#	92
19) Chrysene	21.79	228	602	0.028	ng/ul#	77
21) Benzo(b)fluoranthene	23.55	252	1224	0.049	ng/ul#	63
22) Benzo(k)fluoranthene	23.55	252	1214	0.051	ng/ul#	60

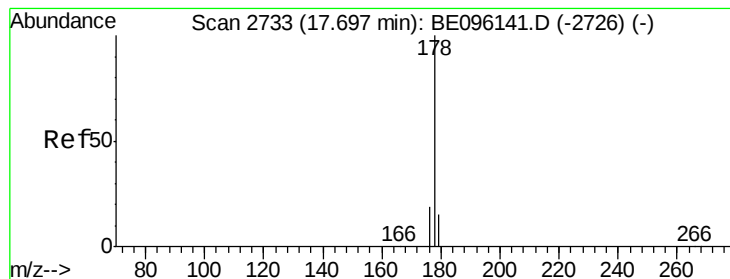
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.025 ng/ul

RT: 17.70 min Scan# 2734

Delta R.T. 0.00 min

Lab File: BE096144.D

Acq: 25 Apr 2018 11:43

Instrument :

BNA_E

ClientSampleId :

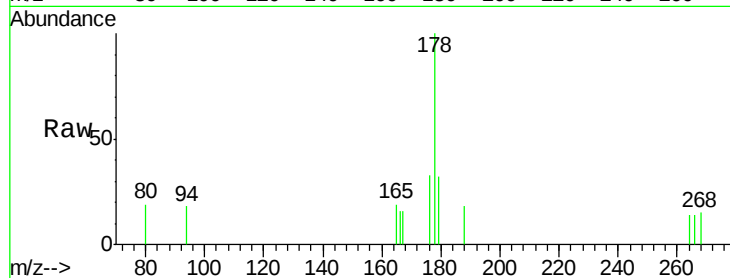
Tot Ion:178 Resp: 401

Ion Ratio Lower Upper

178 100

179 31.5 18.4 27.6#

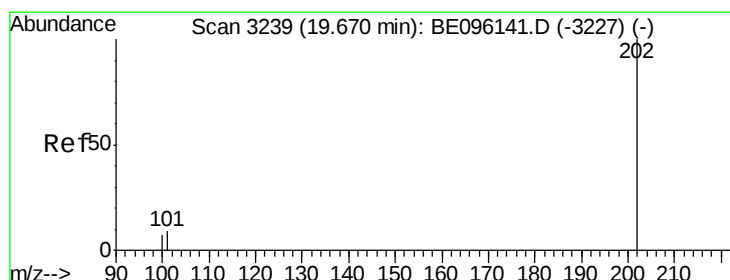
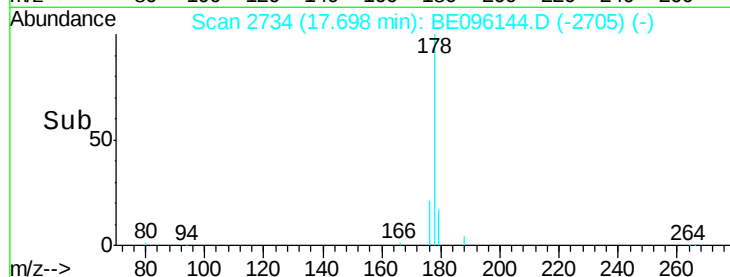
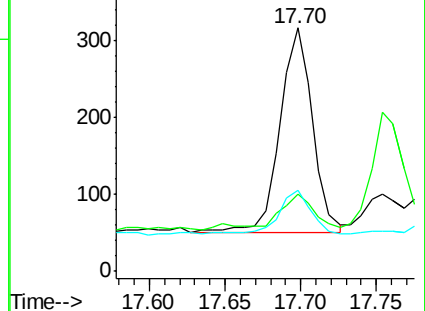
176 33.4 13.6 20.4#



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: 0.039 ng/ul

RT: 19.67 min Scan# 3239

Delta R.T. -0.00 min

Lab File: BE096144.D

Acq: 25 Apr 2018 11:43

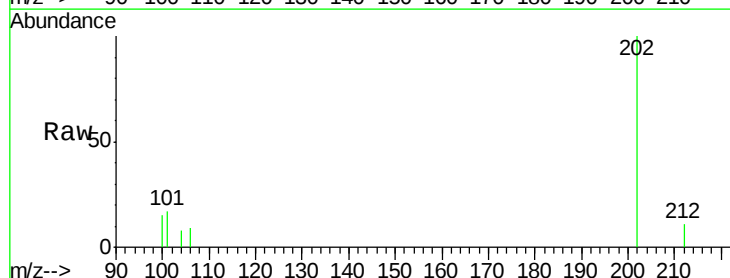
Tgt Ion:202 Resp: 960

Ion Ratio Lower Upper

202 100

101 16.7 0.0 30.3

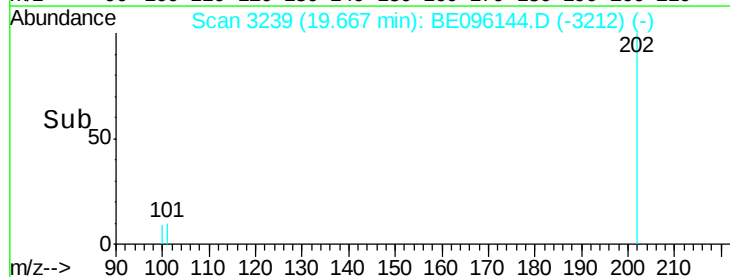
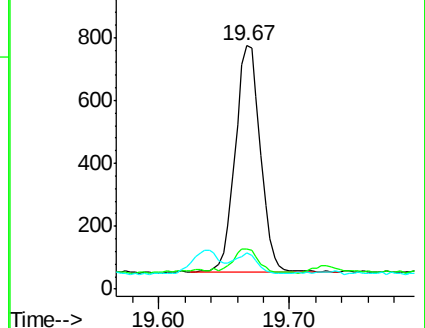
100 14.7 0.0 39.5

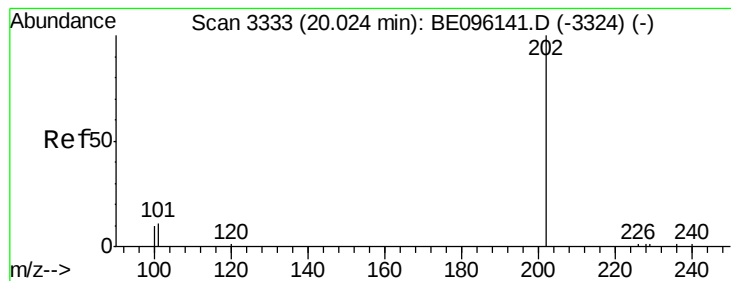


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.060 ng/ul

RT: 20.02 min Scan# 3333

Delta R.T. -0.00 min

Lab File: BE096144.D

Acq: 25 Apr 2018 11:43

Instrument :

BNA_E

ClientSampleId :

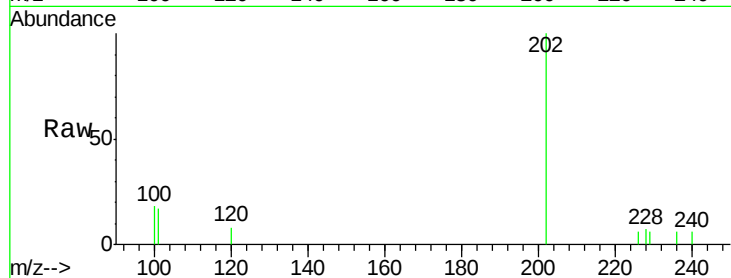
Tot Ion:202 Resp: 911

Ion Ratio Lower Upper

202 100

101 17.2 18.2 27.4#

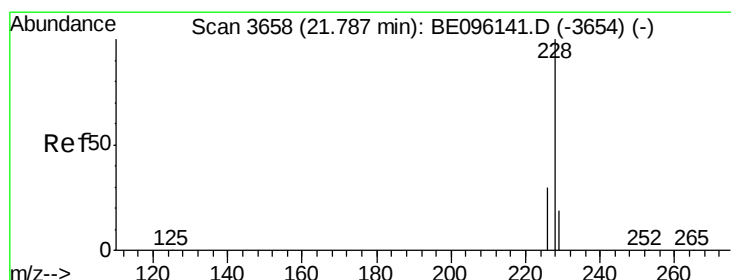
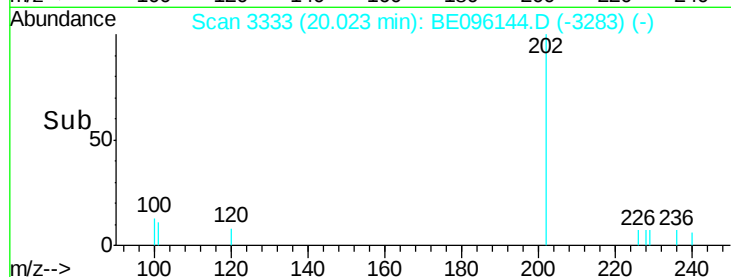
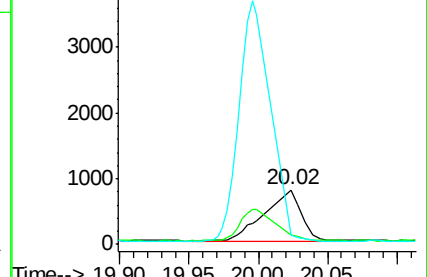
100 18.0 15.6 23.4



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



#19

Chrysene

Concen: 0.028 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. 0.00 min

Lab File: BE096144.D

Acq: 25 Apr 2018 11:43

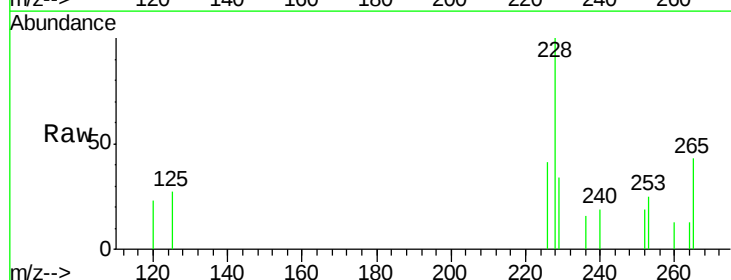
Tgt Ion:228 Resp: 602

Ion Ratio Lower Upper

228 100

226 41.1 23.4 35.0#

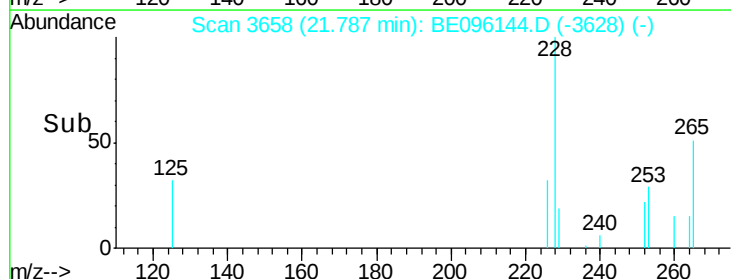
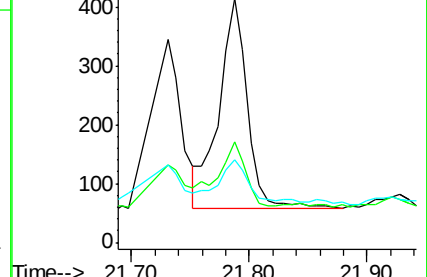
229 33.8 17.7 26.5#

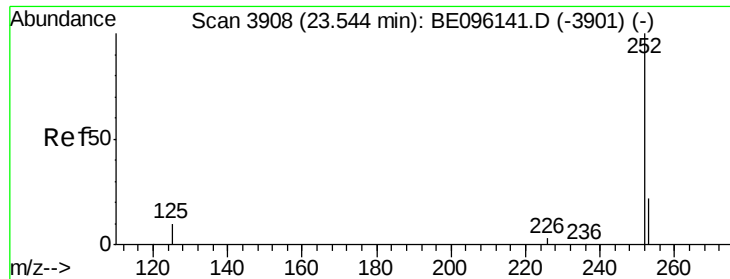


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.049 ng/ul

RT: 23.55 min Scan# 3908

Delta R.T. 0.00 min

Lab File: BE096144.D

Acq: 25 Apr 2018 11:43

Instrument :

BNA_E

ClientSampleId :

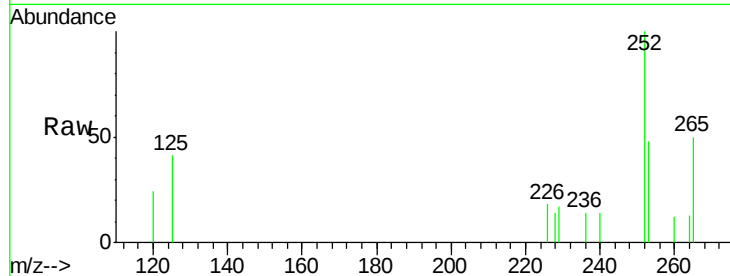
Tot Ion:252 Resp: 1224

Ion Ratio Lower Upper

252 100

253 47.7 0.0 64.2

125 41.2 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

800

600

400

200

0

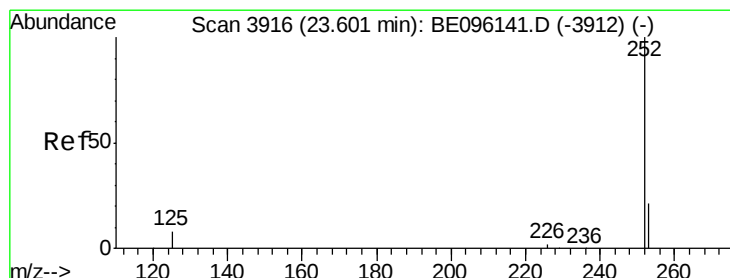
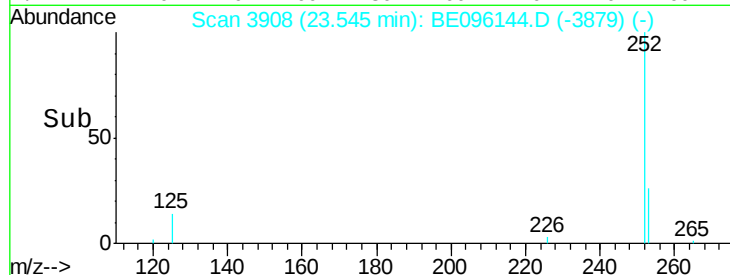
23.55

23.50

23.60

23.70

Time-->



#22

Benzo(k)fluoranthene

Concen: 0.051 ng/ul

RT: 23.55 min Scan# 3908

Delta R.T. -0.06 min

Lab File: BE096144.D

Acq: 25 Apr 2018 11:43

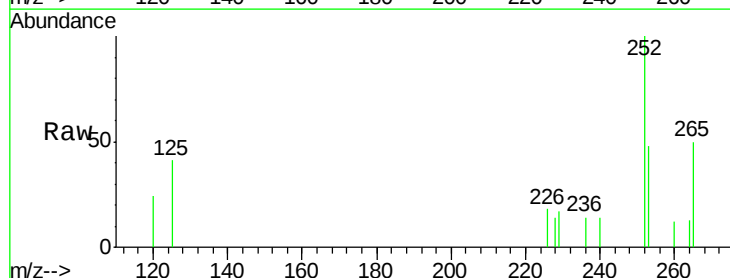
Tgt Ion:252 Resp: 1214

Ion Ratio Lower Upper

252 100

253 47.7 24.5 36.7#

125 41.2 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

800

600

400

200

0

23.55

23.50

23.60

23.70

Time-->

