

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095264.D
 Acq On : 30 Jan 2018 1:32
 Operator : SJ/JU
 Sample : J1244-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B44

Quant Time: Jan 30 06:23:06 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 06:14:31 2018
 Response via : Initial Calibration

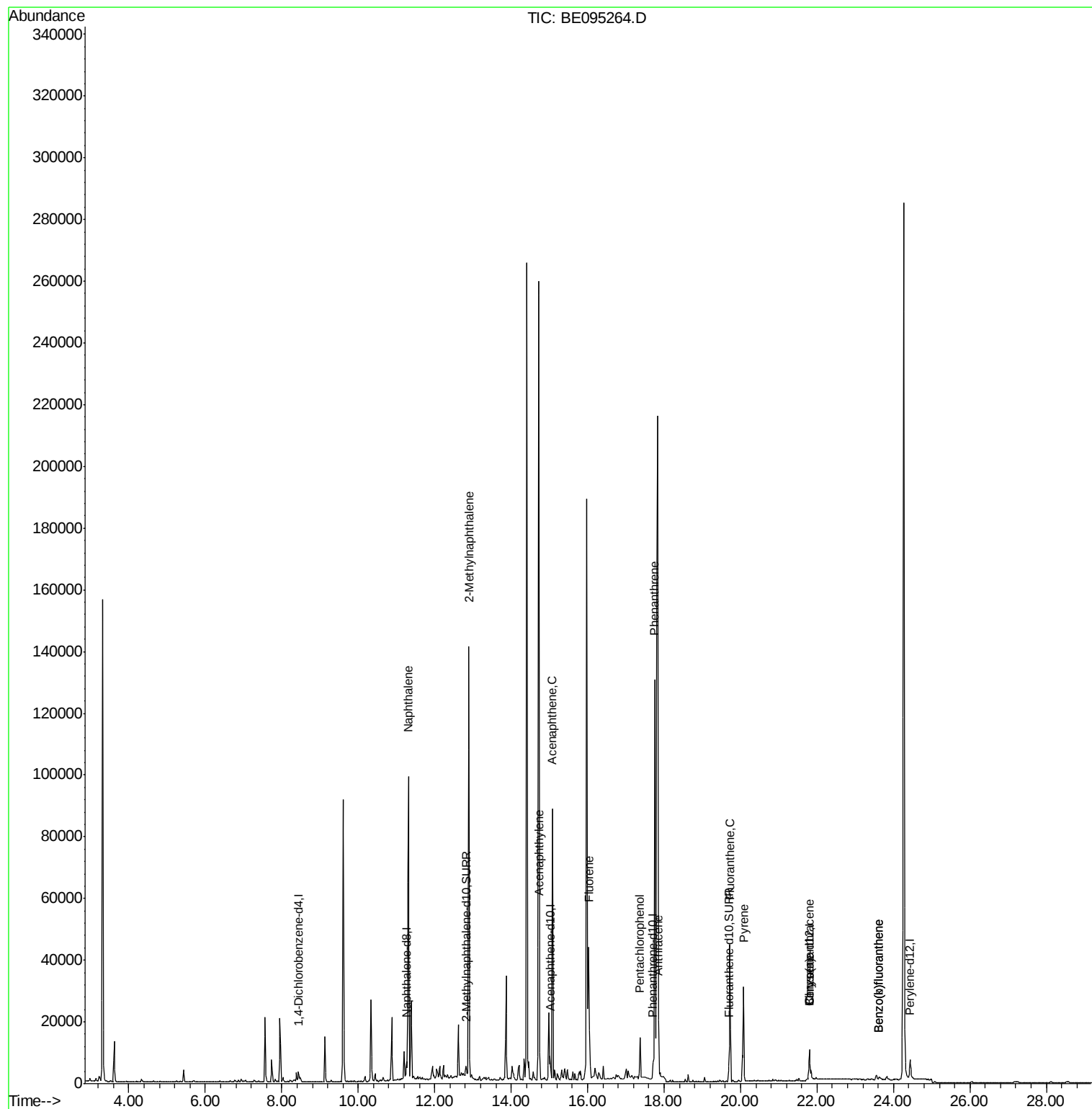
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2351	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7154	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5033	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8813	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	9535	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10465	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	2595	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	6172	0.18	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.31	128	137006	6.839	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	111218	8.314	ng/ul	100
7) Acenaphthylene	14.75	152	1365	0.056	ng/ul#	14
8) Acenaphthene	15.08	153	52383	2.788	ng/ul	93
9) Fluorene	16.03	166	36528	1.885	ng/ul#	76
11) Pentachlorophenol	17.36	266	7448	4.363	ng/ul	96
12) Phenanthrene	17.75	178	146625	4.947	ng/ul#	87
13) Anthracene	17.85	178	18321	0.675	ng/ul#	93
15) Fluoranthene	19.72	202	50726	1.322	ng/ul	84
17) Pyrene	20.08	202	33754	1.055	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	5028	0.169	ng/ul#	88
19) Chrysene	21.79	228	5028	0.162	ng/ul	98
21) Benzo(b)fluoranthene	23.63	252	2161	0.059	ng/ul	74
22) Benzo(k)fluoranthene	23.63	252	2161	0.064	ng/ul#	72

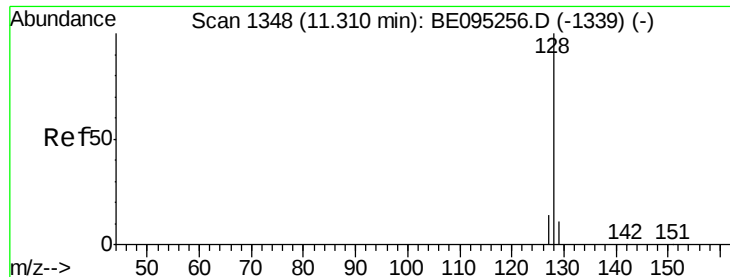
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 6.839 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095264.D

Acq: 30 Jan 2018 1:32

Instrument :

BNA_E

ClientSampleId :

F6B44

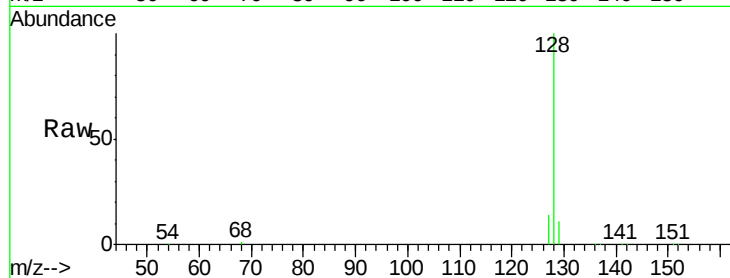
Tot Ion:128 Resp: 137006

Ion Ratio Lower Upper

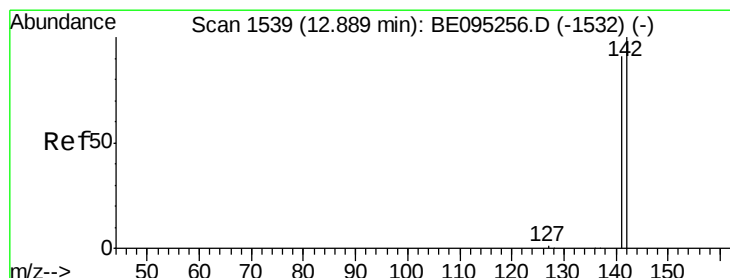
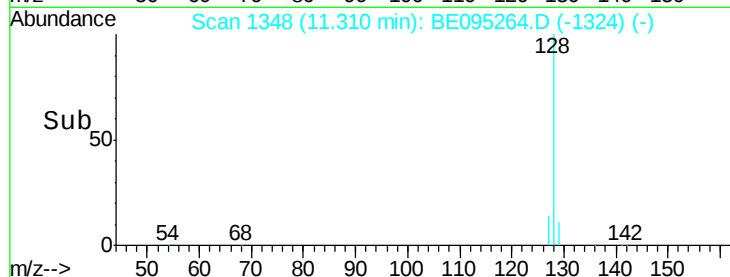
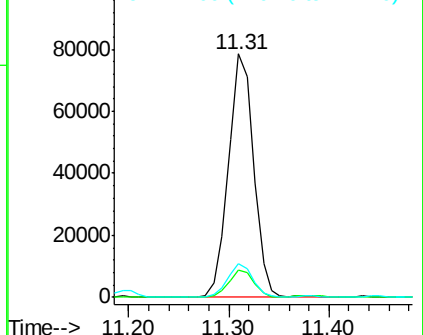
128 100

129 11.3 11.3 16.9

127 13.6 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: 8.314 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095264.D

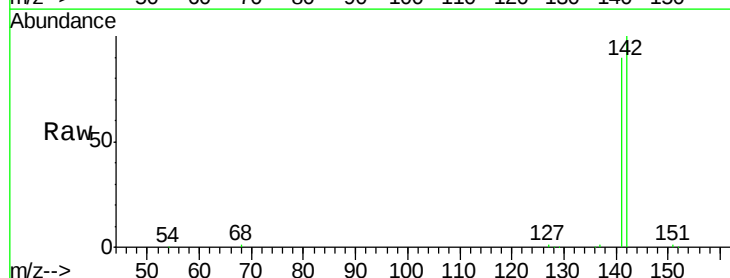
Acq: 30 Jan 2018 1:32

Tgt Ion:142 Resp: 111218

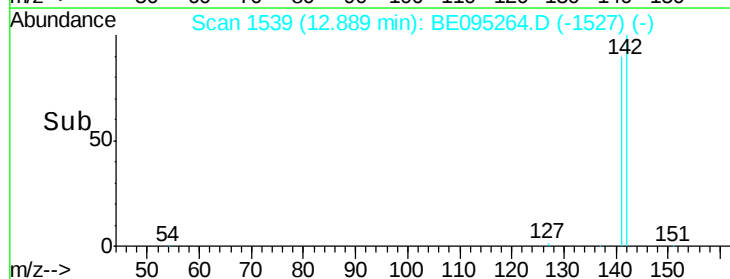
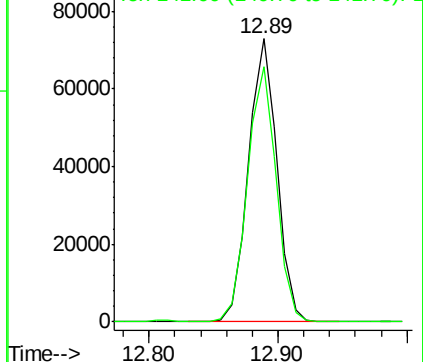
Ion Ratio Lower Upper

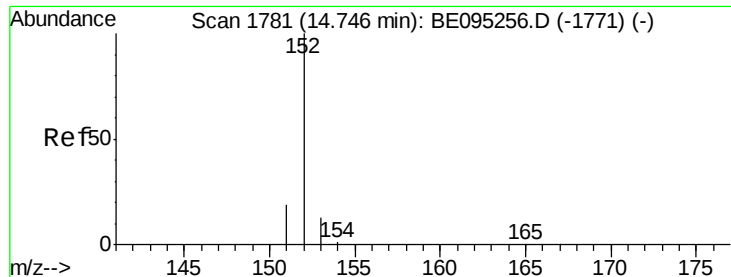
142 100

141 90.7 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: 0.056 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095264.D

Acq: 30 Jan 2018 1:32

Instrument :

BNA_E

ClientSampleId :

F6B44

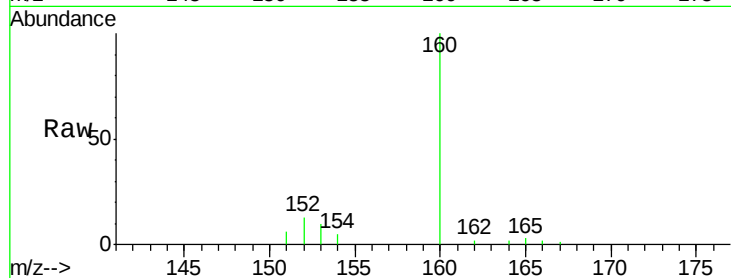
Tot Ion:152 Resp: 1365

Ion Ratio Lower Upper

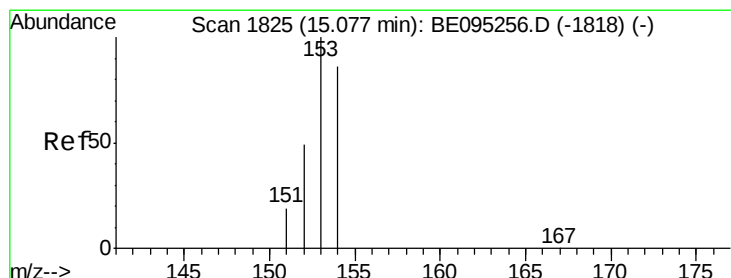
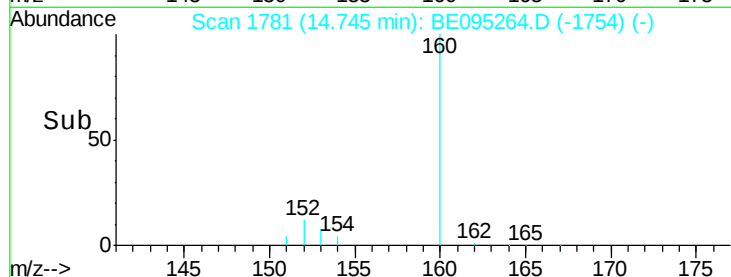
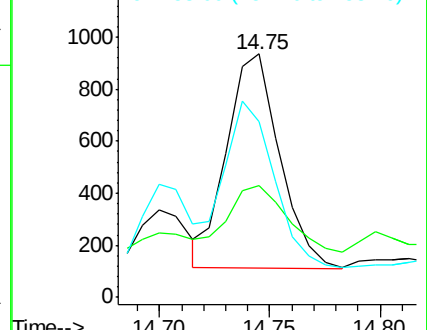
152 100

151 45.7 17.1 25.7#

153 72.3 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: 2.788 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095264.D

Acq: 30 Jan 2018 1:32

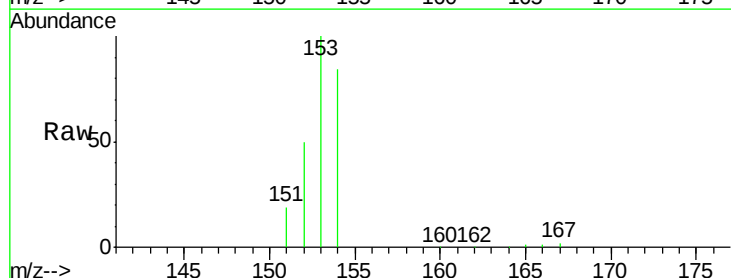
Tgt Ion:153 Resp: 52383

Ion Ratio Lower Upper

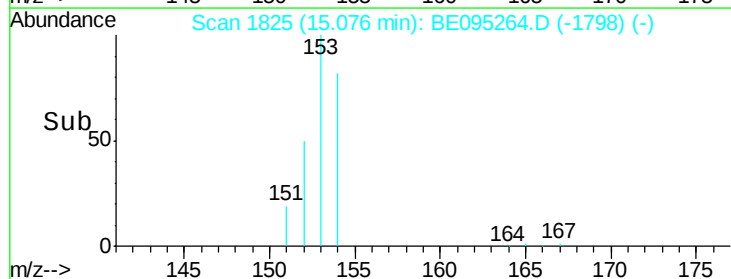
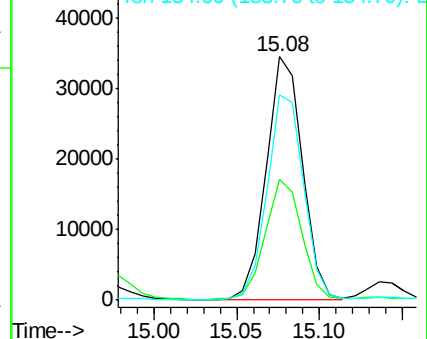
153 100

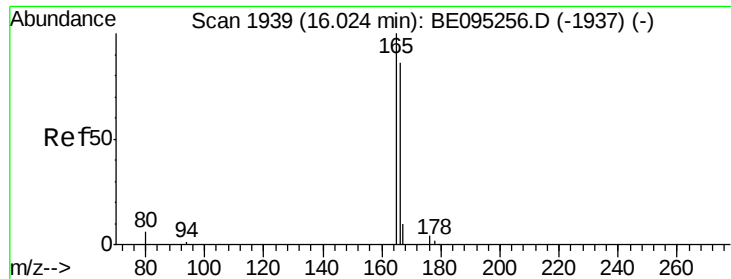
152 49.8 36.0 54.0

154 84.1 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: 1.885 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095264.D

Acq: 30 Jan 2018 1:32

Instrument :

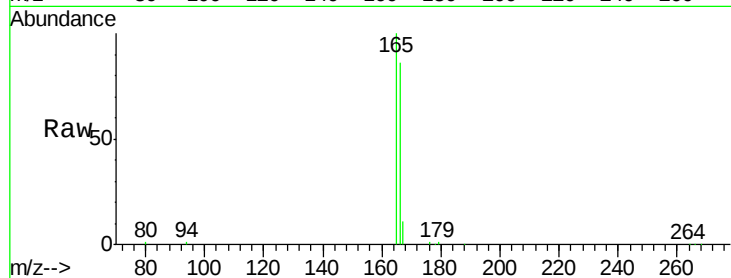
BNA_E

ClientSampleId :

F6B44

Tot Ion:166 Resp: 36528

Ion	Ratio	Lower	Upper
166	100		
165	116.6	73.4	110.2#
167	13.3	14.6	22.0#

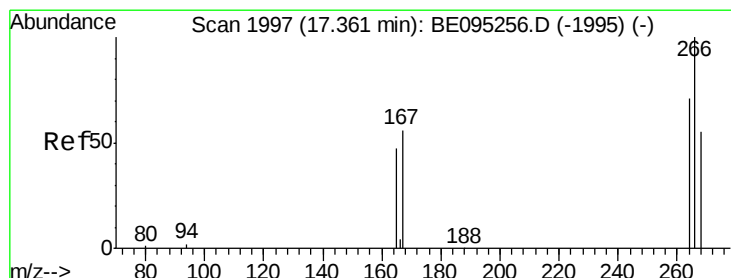
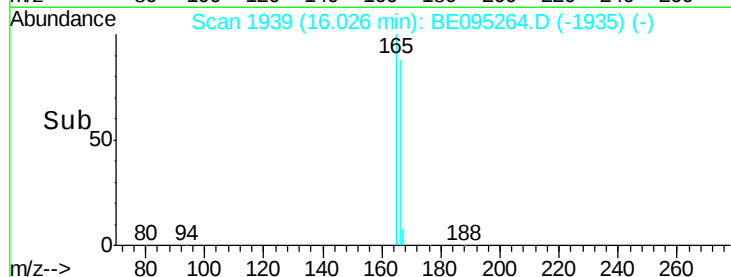
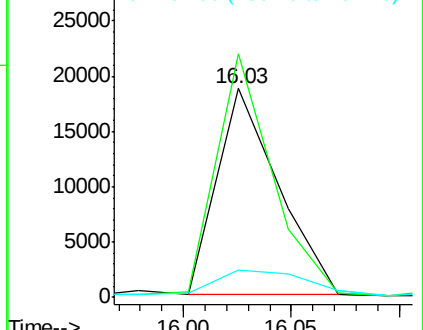


Abundance

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



#11

Pentachlorophenol

Concen: 4.363 ng/ul

RT: 17.36 min Scan# 1997

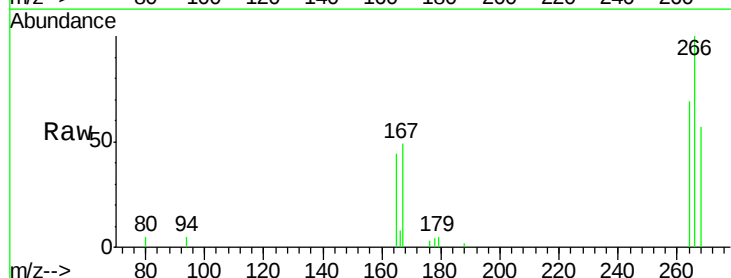
Delta R.T. 0.00 min

Lab File: BE095264.D

Acq: 30 Jan 2018 1:32

Tgt Ion:266 Resp: 7448

Ion	Ratio	Lower	Upper
266	100		
264	65.3	47.9	71.9
268	61.9	49.8	74.8

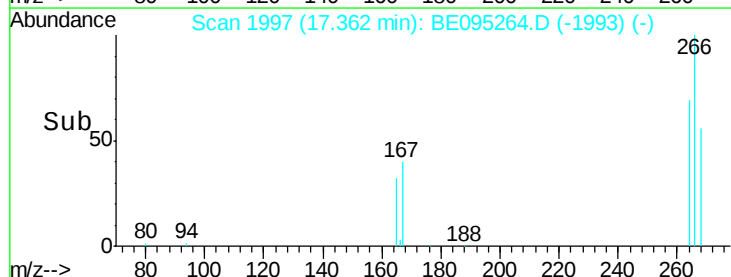
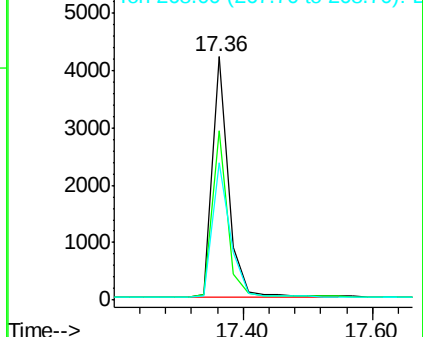


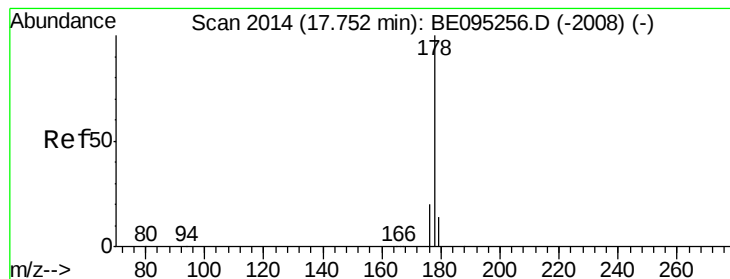
Abundance

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: 4.947 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095264.D

Acq: 30 Jan 2018 1:32

Instrument :

BNA_E

ClientSampleId :

F6B44

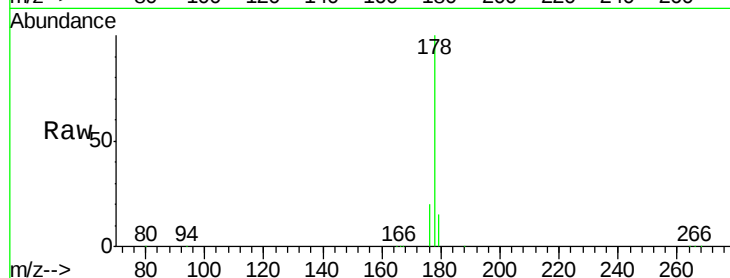
Tot Ion:178 Resp: 146625

Ion Ratio Lower Upper

178 100

179 14.6 18.4 27.6#

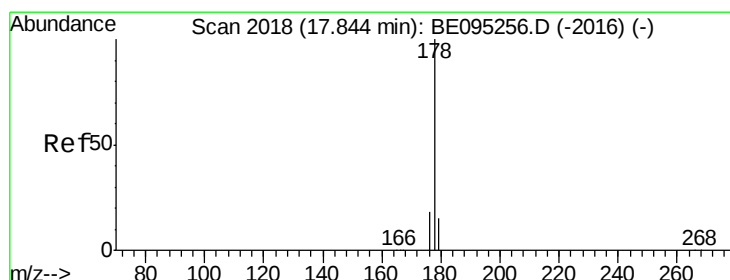
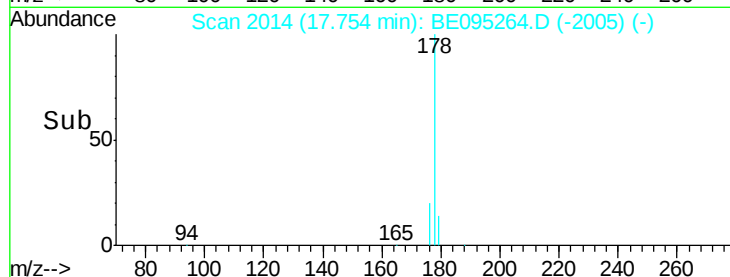
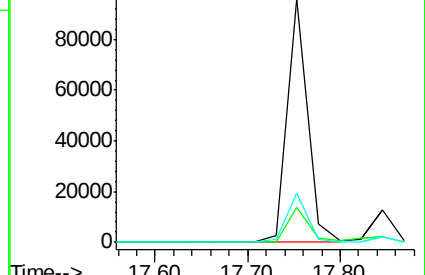
176 20.3 13.6 20.4



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: 0.675 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095264.D

Acq: 30 Jan 2018 1:32

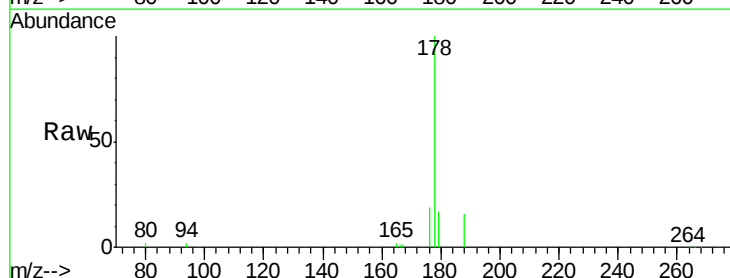
Tgt Ion:178 Resp: 18321

Ion Ratio Lower Upper

178 100

179 16.6 18.1 27.1#

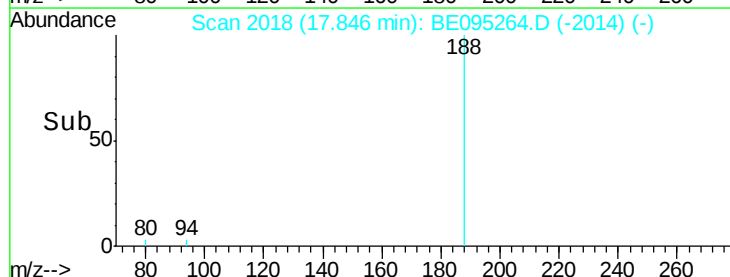
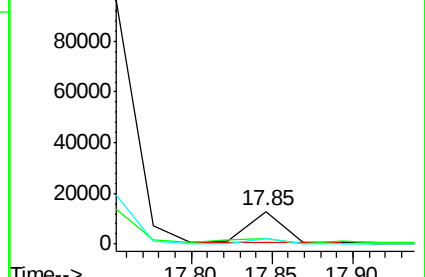
176 18.8 14.7 22.1

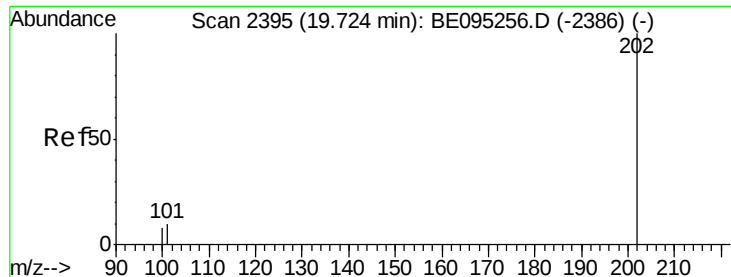


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 1.322 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095264.D

Acq: 30 Jan 2018 1:32

Instrument :

BNA_E

ClientSampleId :

F6B44

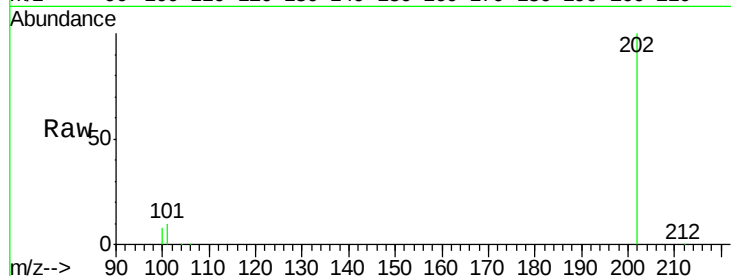
Tot Ion:202 Resp: 50726

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.3

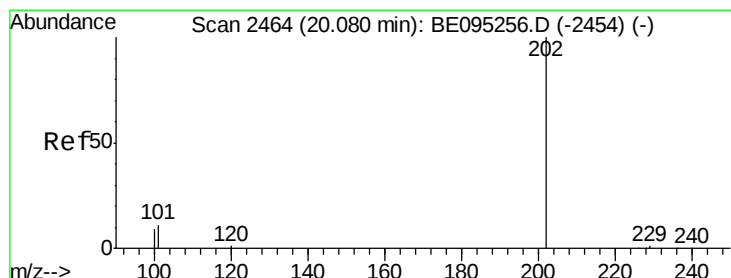
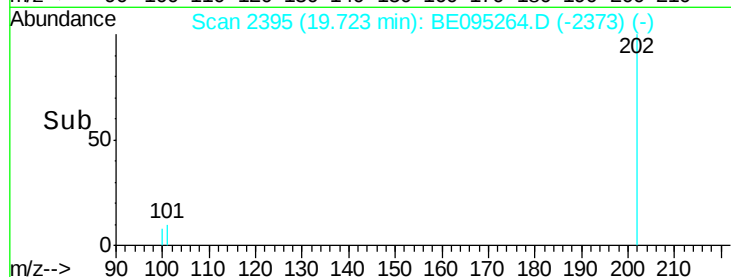
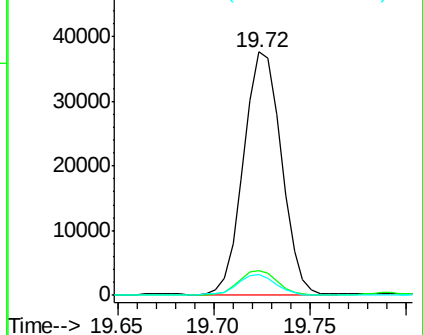
100 8.4 0.0 39.5



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): BE



#17

Pyrene

Concen: 1.055 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BE095264.D

Acq: 30 Jan 2018 1:32

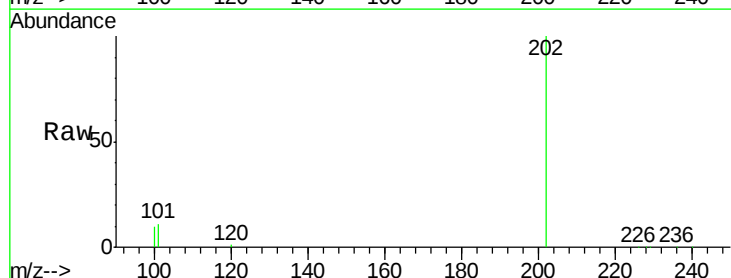
Tgt Ion:202 Resp: 33754

Ion Ratio Lower Upper

202 100

101 11.3 18.2 27.4#

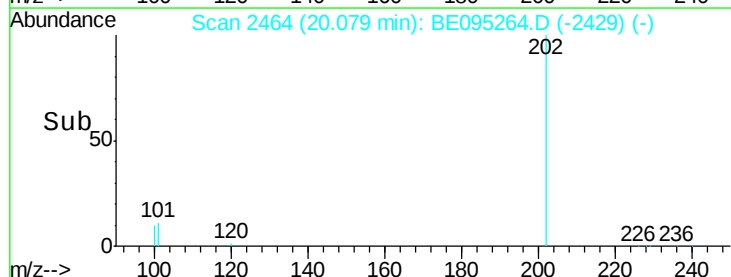
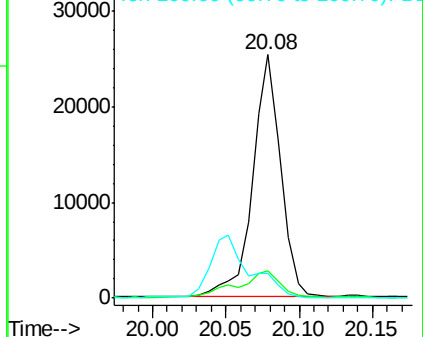
100 10.0 15.6 23.4#

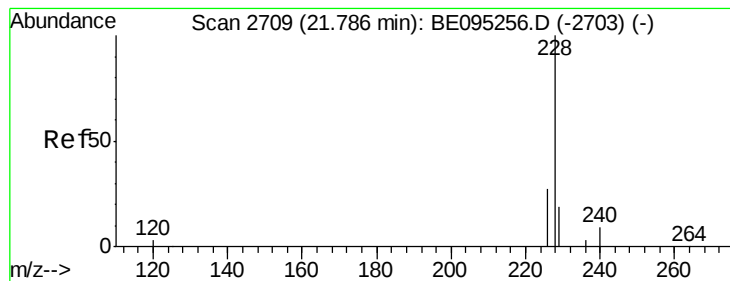


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.169 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095264.D

Acq: 30 Jan 2018 1:32

Instrument :

BNA_E

ClientSampleId :

F6B44

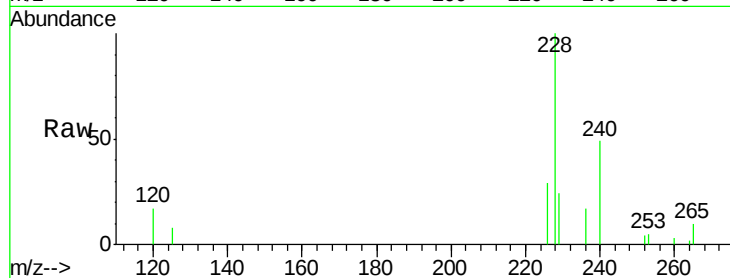
Tot Ion:228 Resp: 5028

Ion Ratio Lower Upper

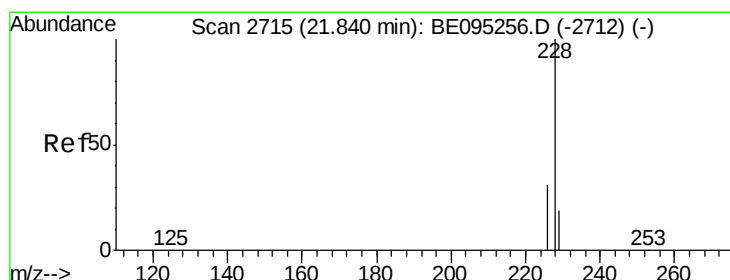
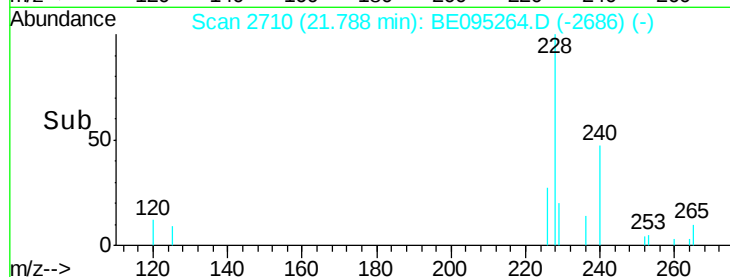
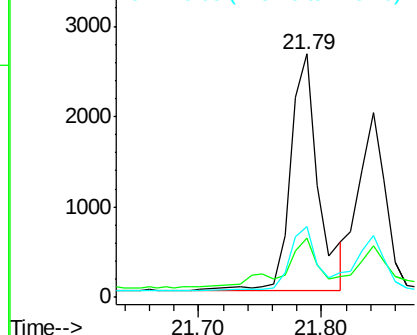
228 100

229 24.2 22.8 34.2

226 29.3 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: 0.162 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. -0.05 min

Lab File: BE095264.D

Acq: 30 Jan 2018 1:32

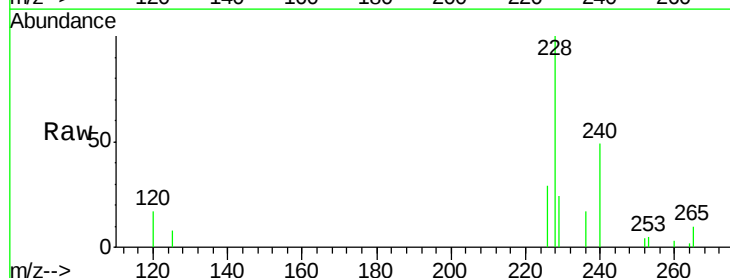
Tgt Ion:228 Resp: 5028

Ion Ratio Lower Upper

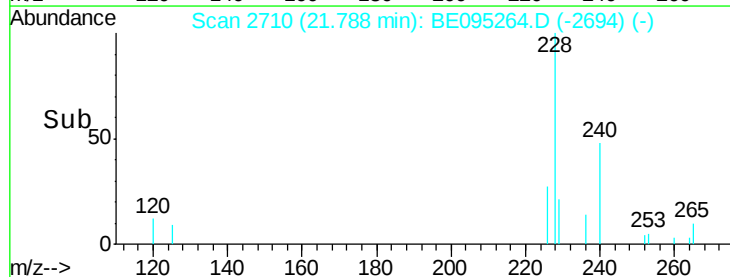
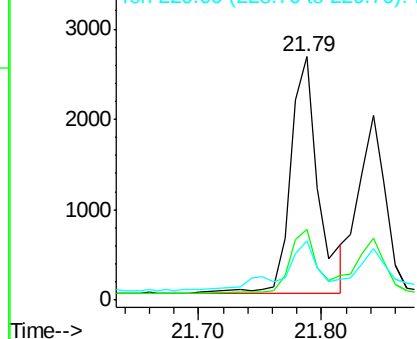
228 100

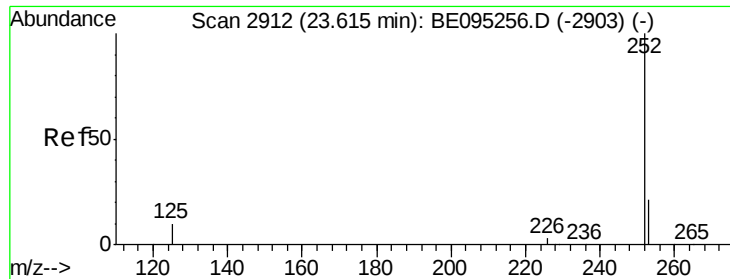
226 29.3 23.4 35.0

229 24.2 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: 0.059 ng/ul

RT: 23.63 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BE095264.D

Acq: 30 Jan 2018 1:32

Instrument :

BNA_E

ClientSampleId :

F6B44

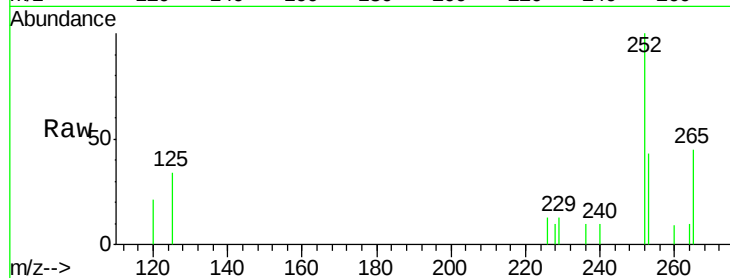
Tot Ion:252 Resp: 2161

Ion Ratio Lower Upper

252 100

253 42.9 0.0 64.2

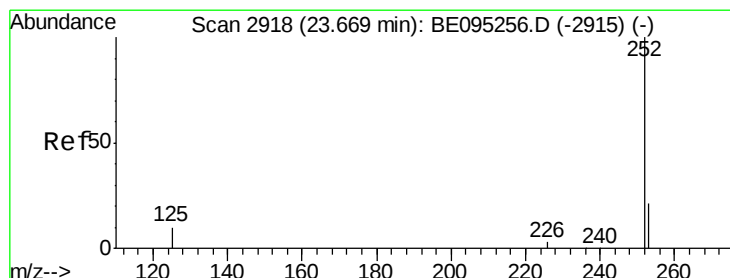
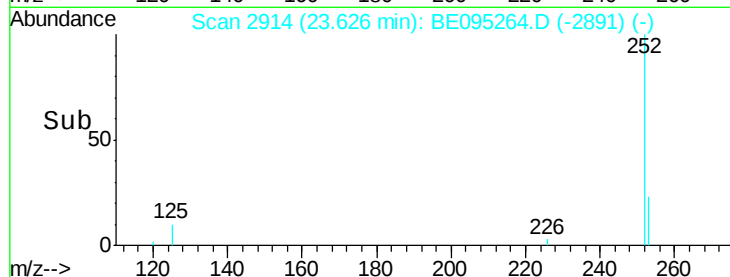
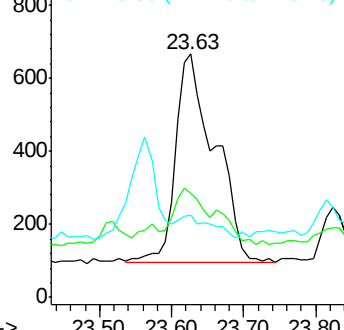
125 33.9 0.0 35.0



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: 0.064 ng/ul

RT: 23.63 min Scan# 2914

Delta R.T. -0.04 min

Lab File: BE095264.D

Acq: 30 Jan 2018 1:32

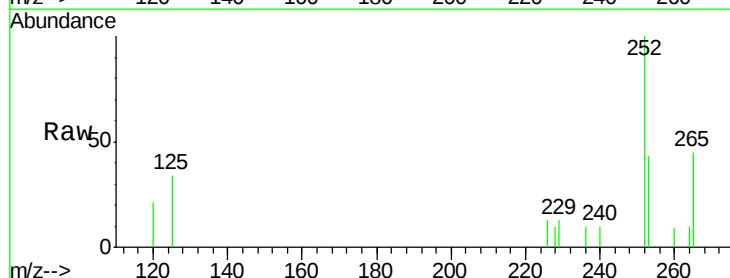
Tgt Ion:252 Resp: 2161

Ion Ratio Lower Upper

252 100

253 42.9 24.5 36.7#

125 33.9 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

