

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093842.D
 Acq On : 16 Aug 2017 15:58
 Operator : SJ/JU
 Sample : I4672-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG1

Quant Time: Aug 17 00:59:58 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration

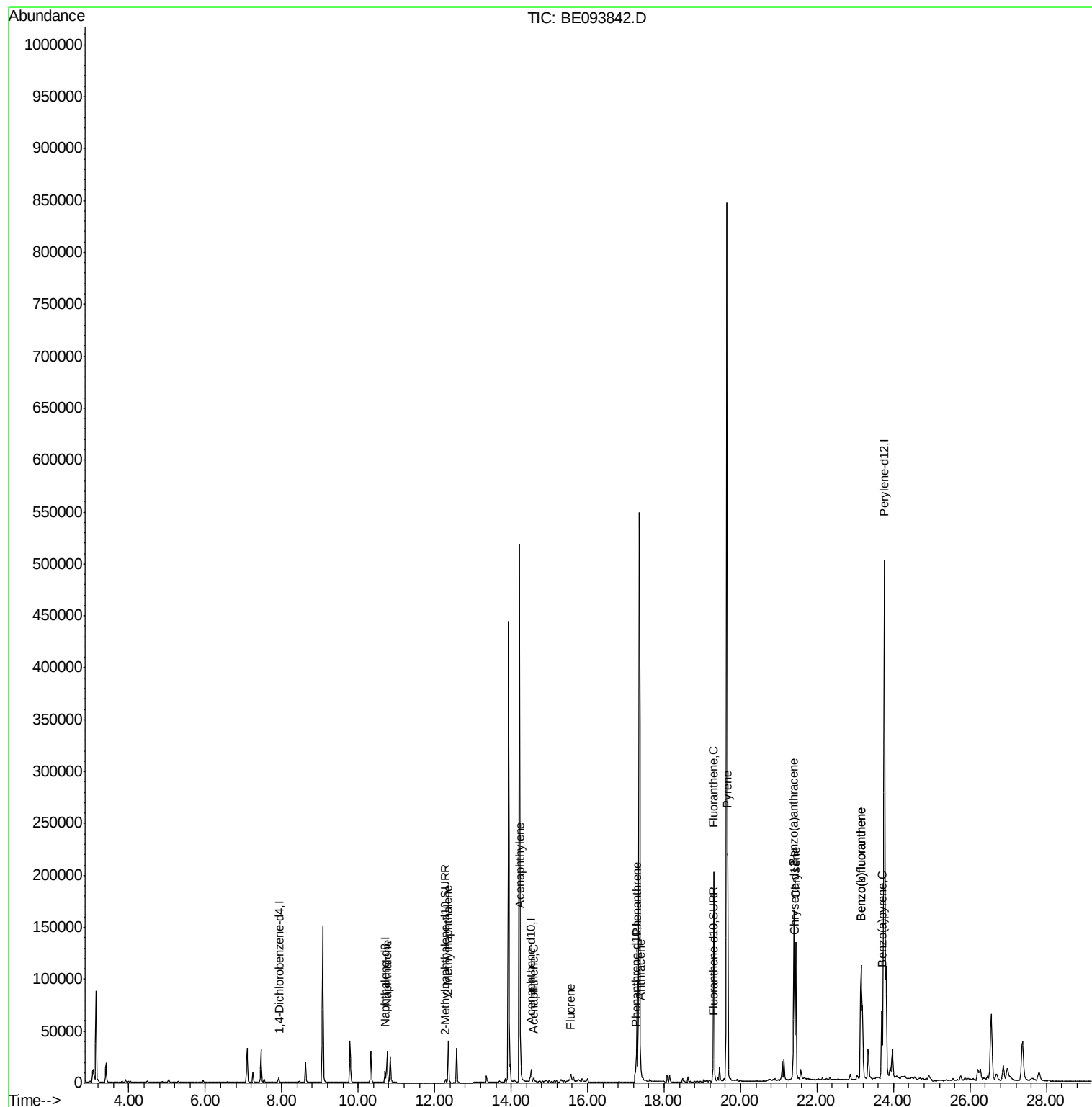
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2210	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11646	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7139	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14739	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	15284	0.40	ng/ul	0.00
20) Perylene-d12	23.76	264	716017	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4309	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10485	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	47742	1.685	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	34967	1.692	ng/ul	98
7) Acenaphthylene	14.24	152	28820	0.965	ng/ul	98
8) Acenaphthene	14.58	153	2728	0.116	ng/ul	92
9) Fluorene	15.57	166	3513	0.118	ng/ul#	83
12) Phenanthrene	17.29	178	109363	2.725	ng/ul#	90
13) Anthracene	17.38	178	27979	0.716	ng/ul#	90
15) Fluoranthene	19.30	202	226072	4.504	ng/ul	85
17) Pyrene	19.66	202	217860	4.883	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	149196	3.367	ng/ul#	86
19) Chrysene	21.45	228	137939	3.245	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	200028	0.090	ng/ul	85
22) Benzo(k)fluoranthene	23.14	252	185843	0.085	ng/ul#	87
23) Benzo(a)pyrene	23.70	252	104008	0.049	ng/ul#	83

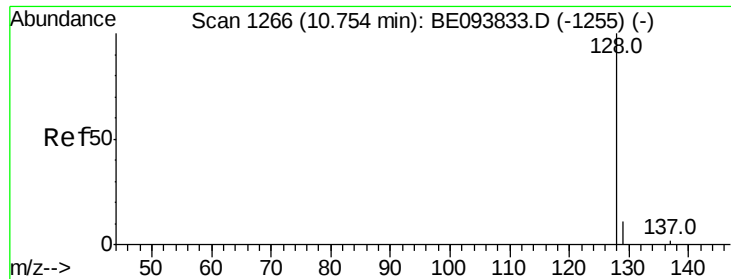
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.685 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093842.D

Acq: 16 Aug 2017 15:58

Instrument :

BNA_E

ClientSampleId :

C0AG1

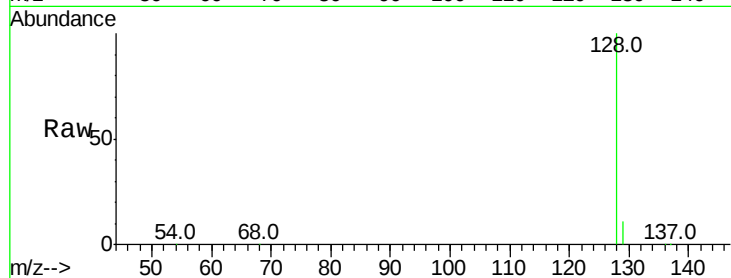
Tot Ion:128 Resp: 47742

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9

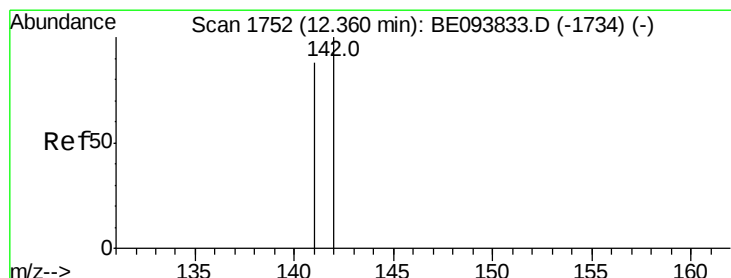
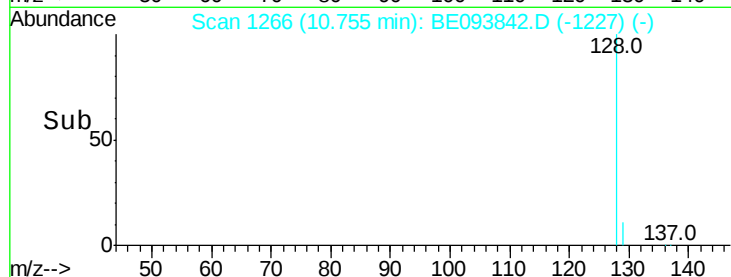
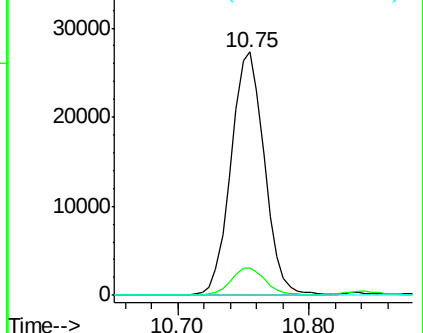
127 0.0 4.0 6.0#



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: 1.692 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093842.D

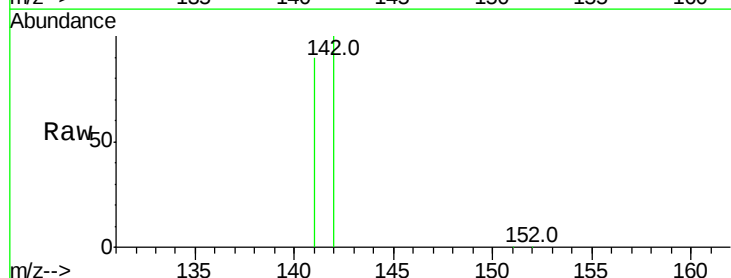
Acq: 16 Aug 2017 15:58

Tgt Ion:142 Resp: 34967

Ion Ratio Lower Upper

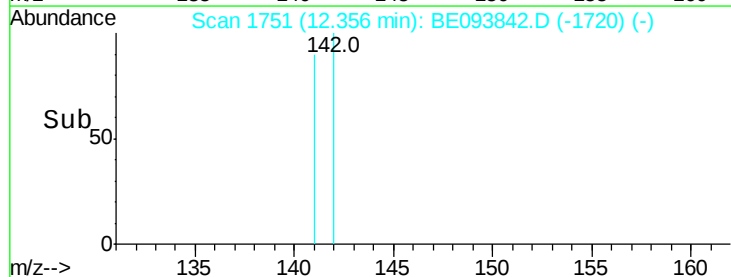
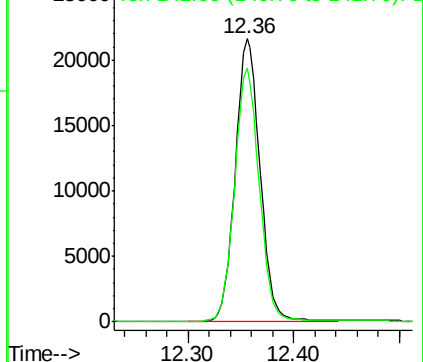
142 100

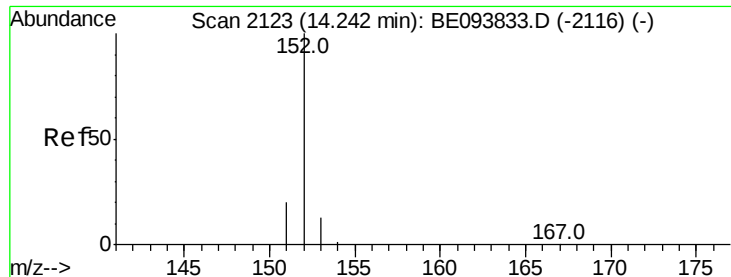
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.965 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093842.D

Acq: 16 Aug 2017 15:58

Instrument :

BNA_E

ClientSampleId :

C0AG1

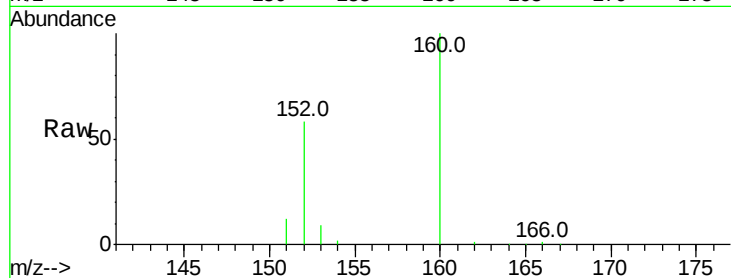
Tot Ion:152 Resp: 28820

Ion Ratio Lower Upper

152 100

151 20.4 17.1 25.7

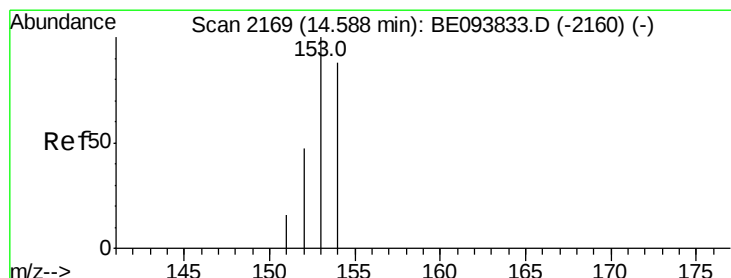
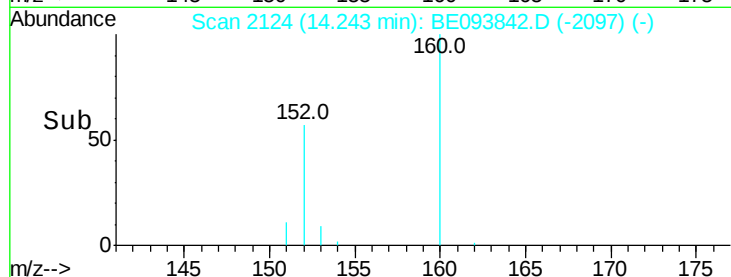
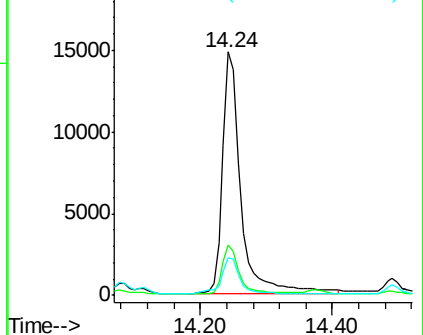
153 15.4 12.8 19.2



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: 0.116 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE093842.D

Acq: 16 Aug 2017 15:58

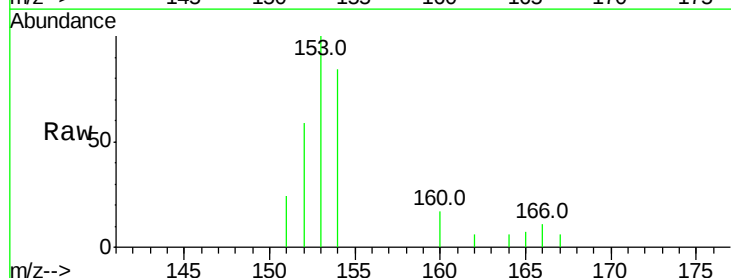
Tgt Ion:153 Resp: 2728

Ion Ratio Lower Upper

153 100

152 58.5 40.3 60.5

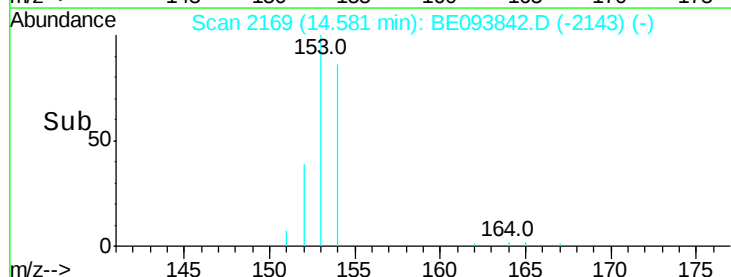
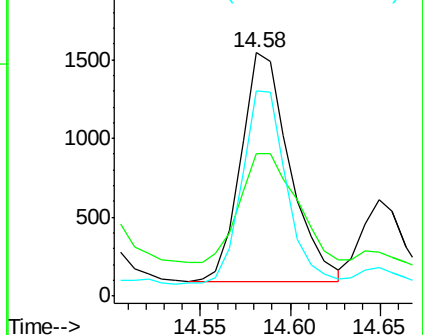
154 84.3 71.4 107.2

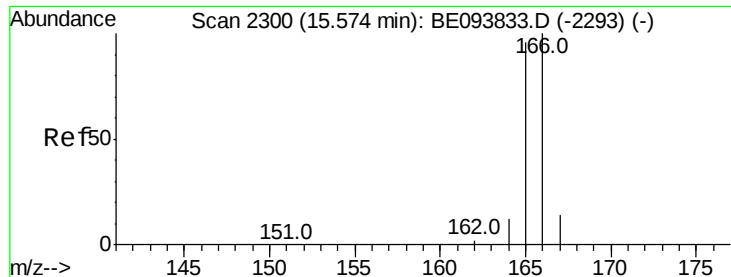


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

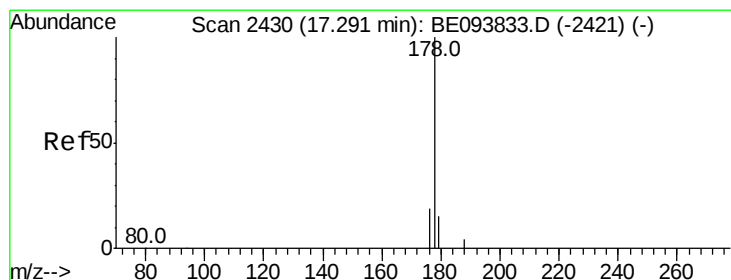
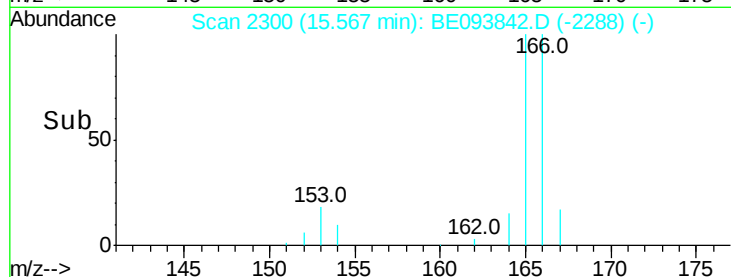
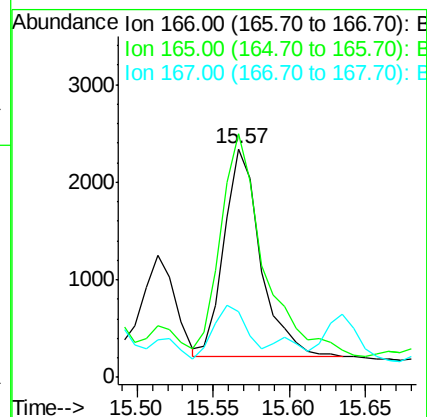
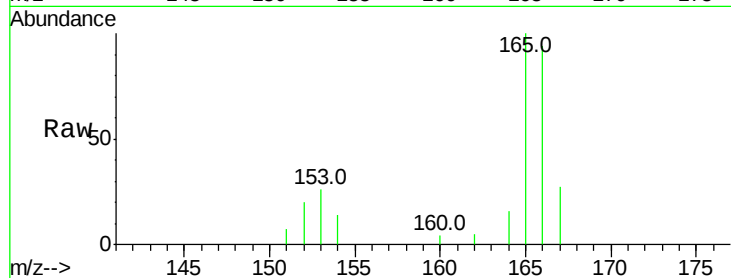




#9
Fluorene
 Concen: 0.118 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE093842.D
 Acq: 16 Aug 2017 15:58

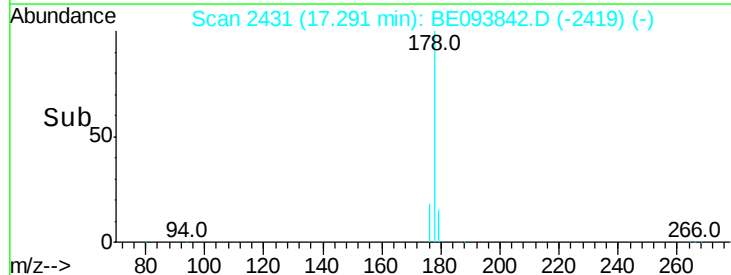
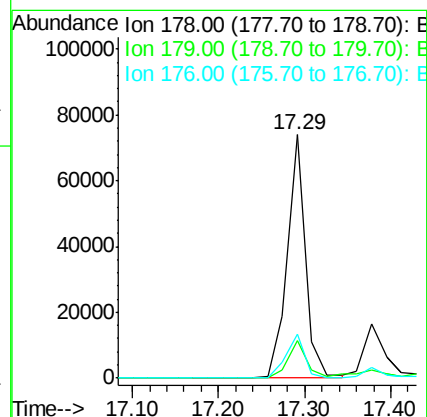
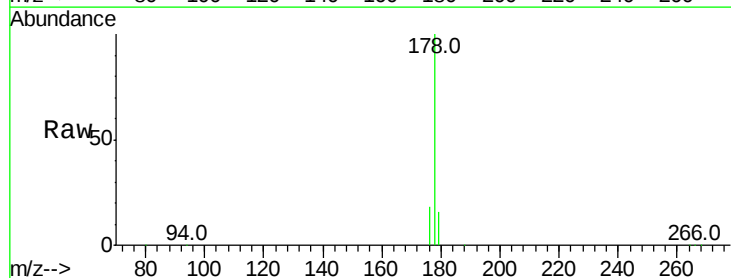
Instrument :
 BNA_E
 ClientSampleId :
 C0AG1

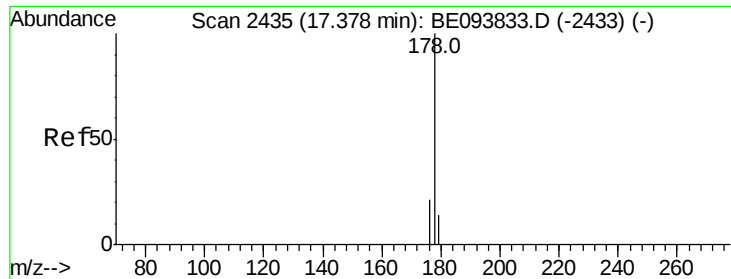
Tot Ion:166 Resp: 3513
 Ion Ratio Lower Upper
 166 100
 165 106.4 73.4 110.2
 167 28.9 14.6 22.0#



#12
Phenanthrene
 Concen: 2.725 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BE093842.D
 Acq: 16 Aug 2017 15:58

Tgt Ion:178 Resp: 109363
 Ion Ratio Lower Upper
 178 100
 179 15.6 18.4 27.6#
 176 17.9 13.6 20.4





#13

Anthracene

Concen: 0.716 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE093842.D

Acq: 16 Aug 2017 15:58

Instrument :

BNA_E

ClientSampleId :

C0AG1

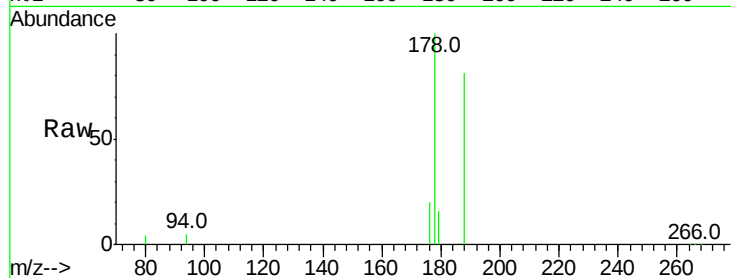
Tot Ion:178 Resp: 27979

Ion Ratio Lower Upper

178 100

179 15.5 18.1 27.1#

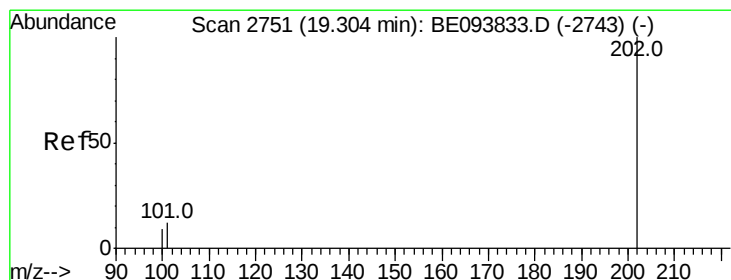
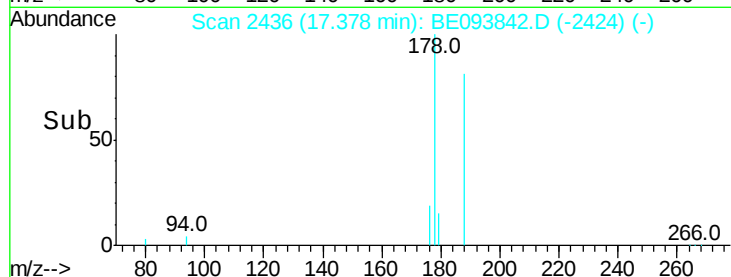
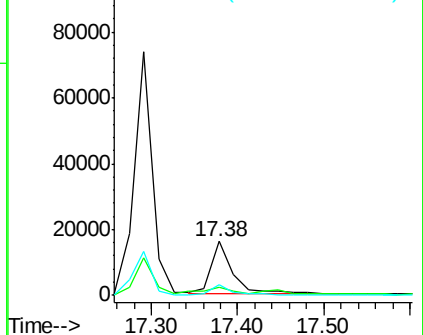
176 19.9 14.7 22.1



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: 4.504 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BE093842.D

Acq: 16 Aug 2017 15:58

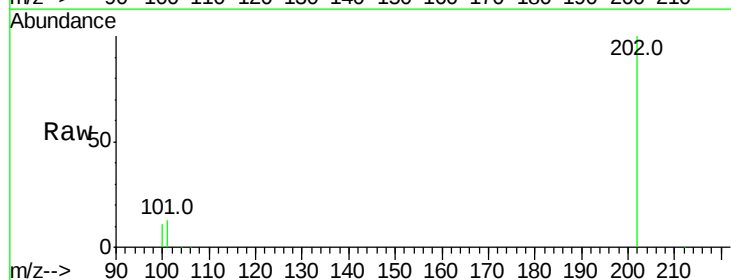
Tgt Ion:202 Resp: 226072

Ion Ratio Lower Upper

202 100

101 13.1 0.0 30.3

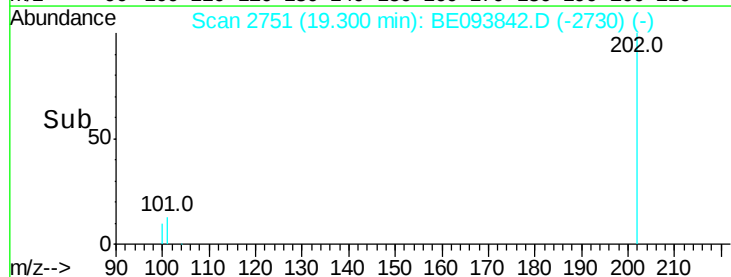
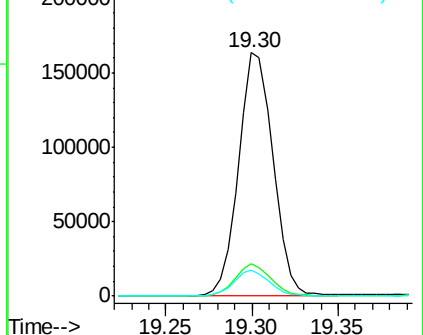
100 10.5 0.0 39.5

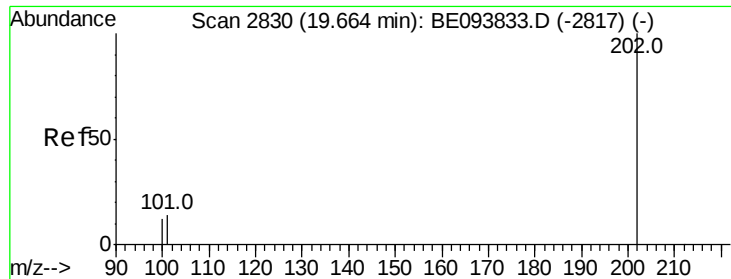


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

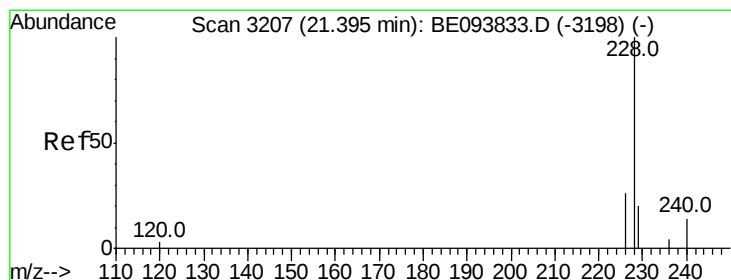
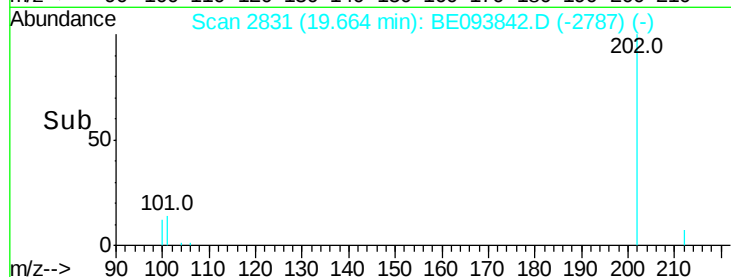
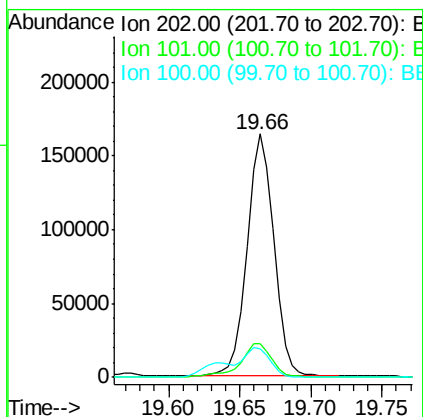
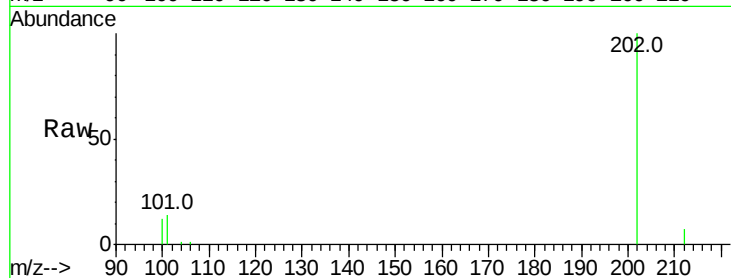




#17
Pvrene
Concen: 4.883 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE093842.D
Acq: 16 Aug 2017 15:58

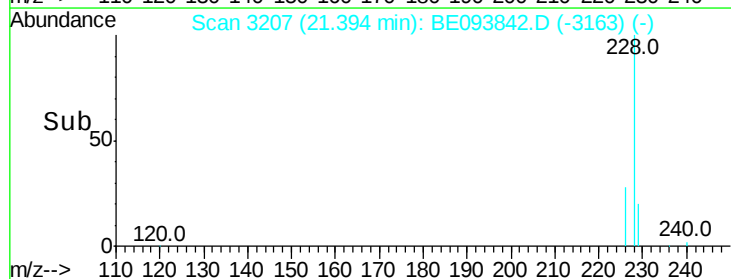
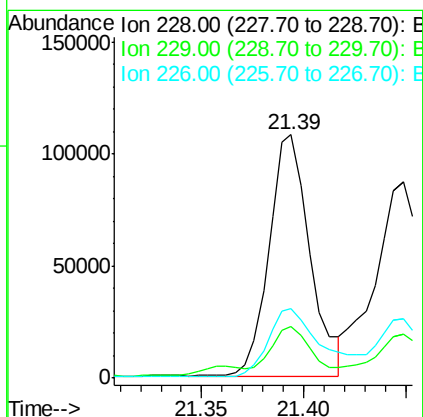
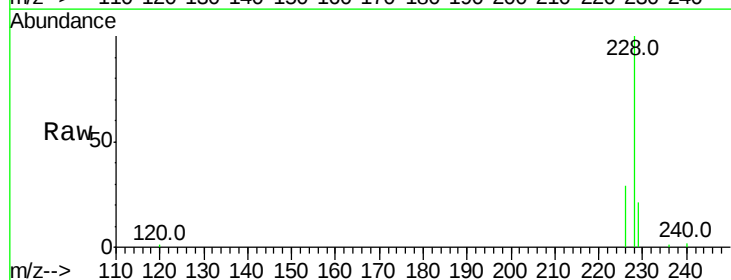
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C0AG1

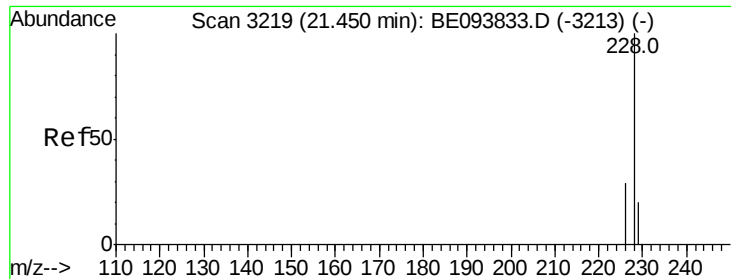
Tot Ion:202 Resp: 217860
Ion Ratio Lower Upper
202 100
101 14.0 18.2 27.4#
100 11.9 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 3.367 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE093842.D
Acq: 16 Aug 2017 15:58

Tgt Ion:228 Resp: 149196
Ion Ratio Lower Upper
228 100
229 21.5 22.8 34.2#
226 28.6 17.0 25.6#





#19

Chrysene

Concen: 3.245 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093842.D

Acq: 16 Aug 2017 15:58

Instrument :

BNA_E

ClientSampleId :

C0AG1

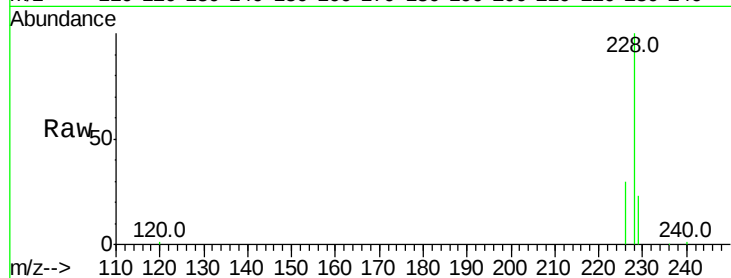
Tot Ion:228 Resp: 137939

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

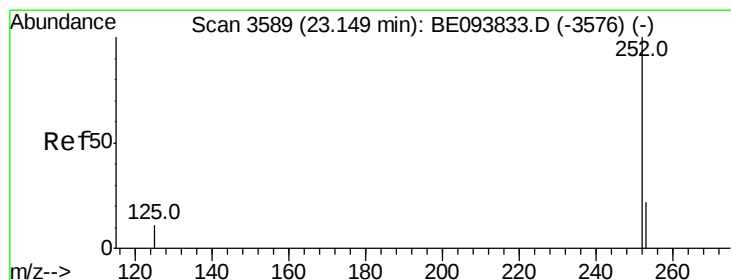
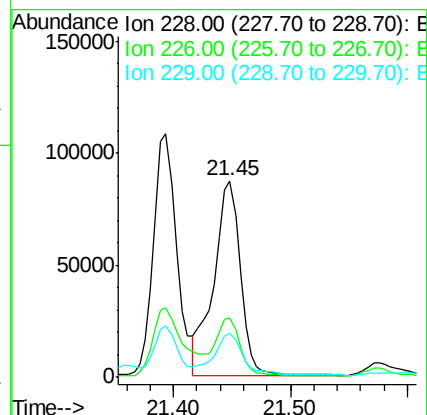
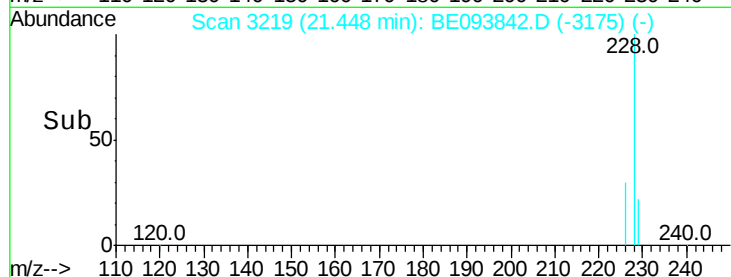
229 22.6 17.7 26.5



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: 0.090 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.00 min

Lab File: BE093842.D

Acq: 16 Aug 2017 15:58

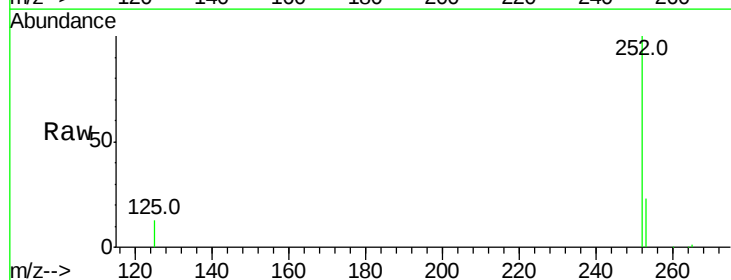
Tgt Ion:252 Resp: 200028

Ion Ratio Lower Upper

252 100

253 22.8 0.0 64.2

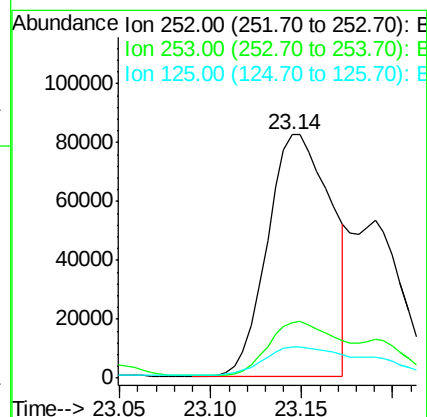
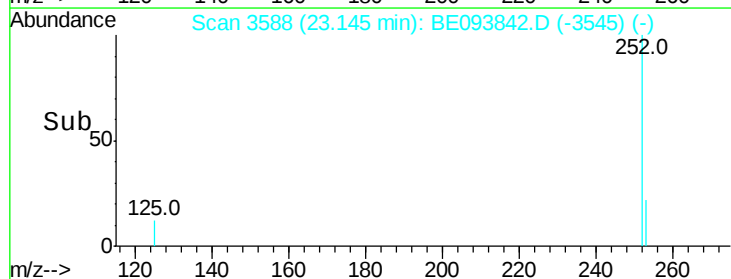
125 12.8 0.0 35.0

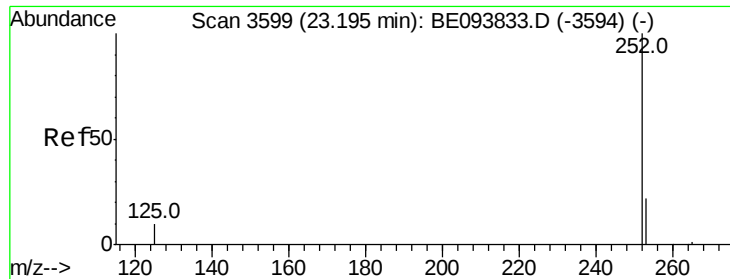


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.085 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.05 min

Lab File: BE093842.D

Acq: 16 Aug 2017 15:58

Instrument :

BNA_E

ClientSampleId :

C0AG1

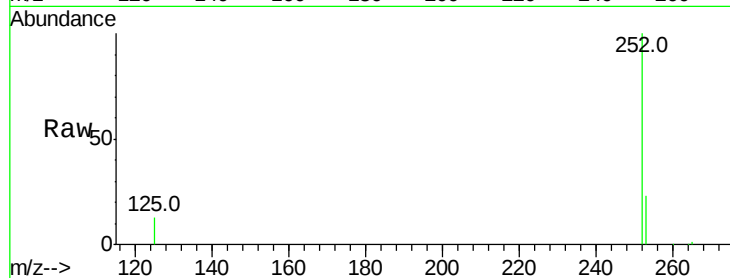
Tot Ion:252 Resp: 185843

Ion Ratio Lower Upper

252 100

253 22.8 24.5 36.7#

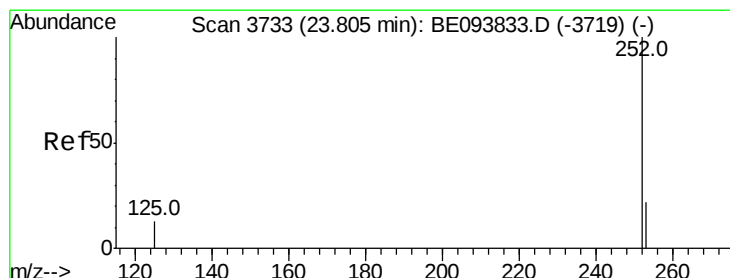
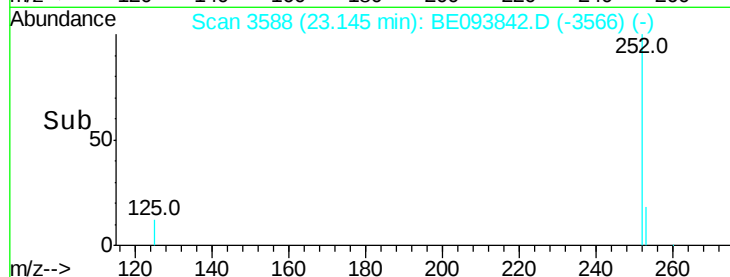
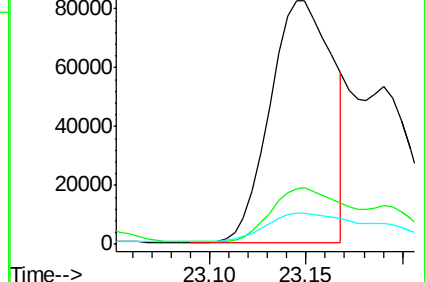
125 12.8 13.7 20.5#



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: 0.049 ng/ul

RT: 23.70 min Scan# 3709

Delta R.T. -0.11 min

Lab File: BE093842.D

Acq: 16 Aug 2017 15:58

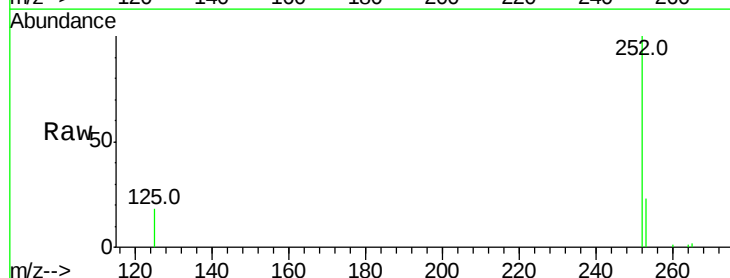
Tgt Ion:252 Resp: 104008

Ion Ratio Lower Upper

252 100

253 23.4 28.5 42.7#

125 17.9 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

