

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091064.D
 Acq On : 5 Nov 2015 11:27
 Operator : UM/NP
 Sample : G4273-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AN6

Quant Time: Nov 06 05:43:30 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 05:41:57 2015
 Response via : Initial Calibration

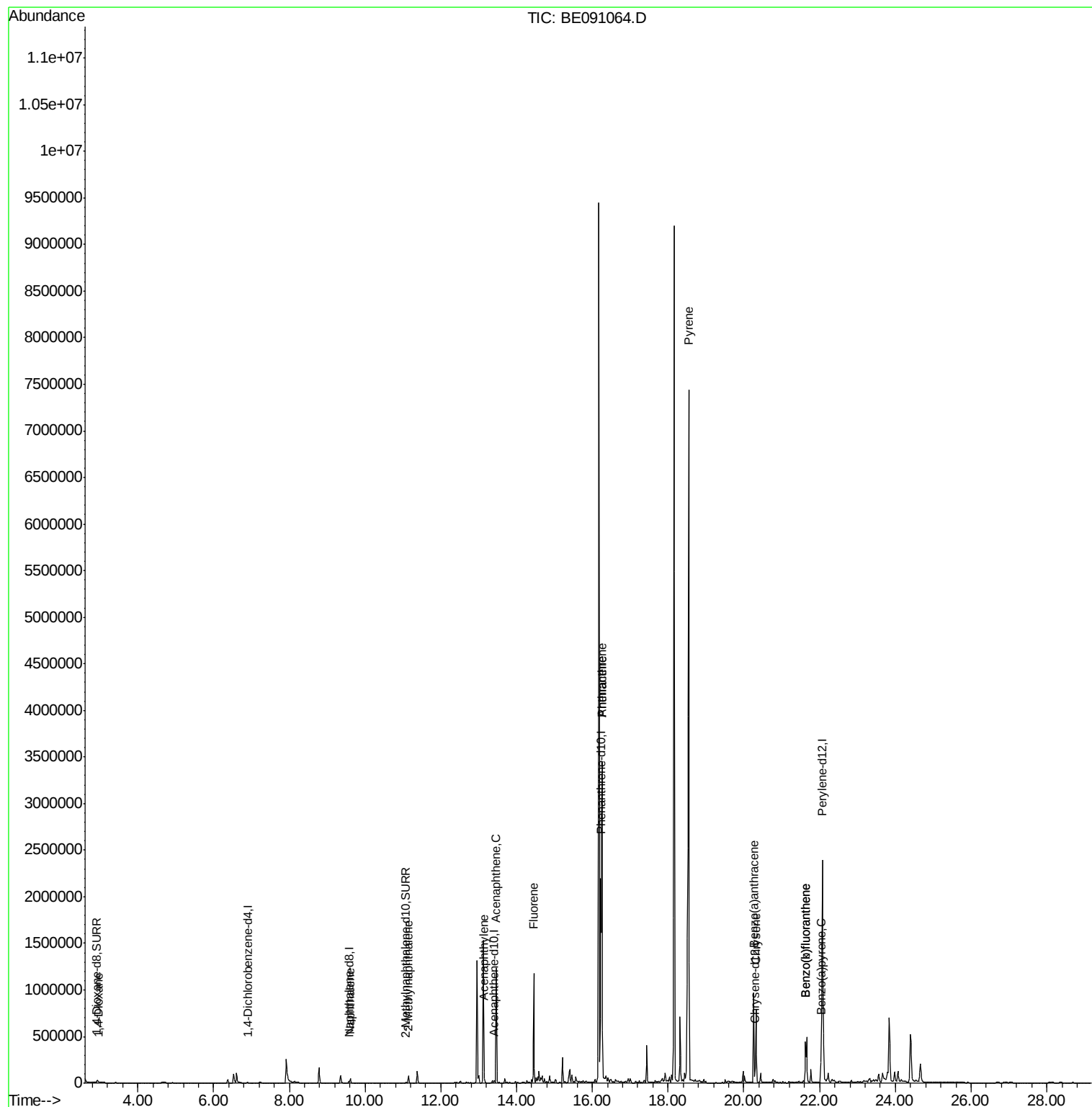
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	4672	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	25326	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	15566	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	2330075	0.40	ng/ul	0.08
18) Chrysene-d12	20.29	240	35451	0.40	ng/ul	0.00
22) Perylene-d12	22.08	264	2553335	0.40	ng/ul	-0.12
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	31567	9.39	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	11788	0.34	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	35678	0.01	ng/ul	0.00
Target Compounds					Ovalue	
3) 1,4-Dioxane	2.97	88	378	0.10	ng/ul#	24
5) Naphthalene	9.62	128	59850	0.96	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	55797	1.37	ng/ul	98
9) Acenaphthylene	13.14	152	45202	0.58	ng/ul	99
10) Acenaphthene	13.46	153	672472	12.63	ng/ul	92
11) Fluorene	14.45	166	682038	9.97	ng/ul	89
14) Phenanthrene	16.26	178	3701431	0.14	ng/ul	94
15) Anthracene	16.26	178	3678916	0.15	ng/ul	95
19) Pyrene	18.54	202	7214576	17.91	ng/ul#	77
20) Benzo(a)anthracene	20.26	228	776665	8.53	ng/ul	98
21) Chrysene	20.32	228	674837	6.44	ng/ul	98
23) Benzo(b)fluoranthene	21.63	252	451178	0.06	ng/ul	93
24) Benzo(k)fluoranthene	21.63	252	451178	0.06	ng/ul	94
25) Benzo(a)pyrene	22.04	252	273387	0.04	ng/ul	93

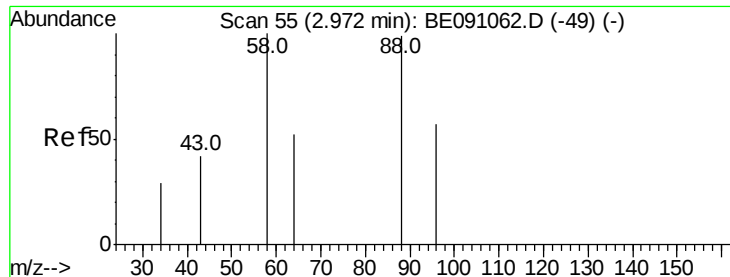
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 06 05:41:57 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.10 ng/ul

RT: 2.97 min Scan# 54

Delta R.T. -0.01 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

Instrument :

BNA_E

ClientSampleId :

C0AN6

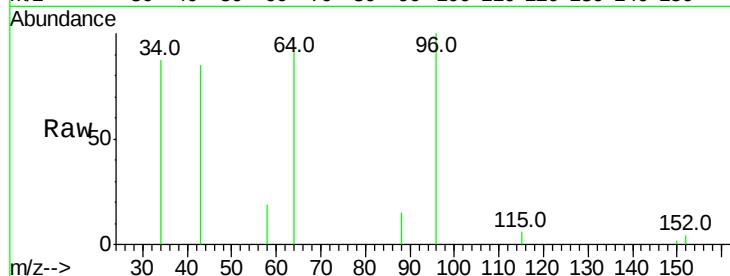
Tot Ion: 88 Resp: 378

Ion Ratio Lower Upper

88 100

58 0.0 55.4 83.2#

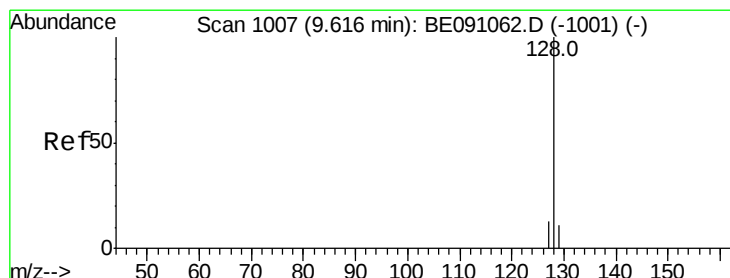
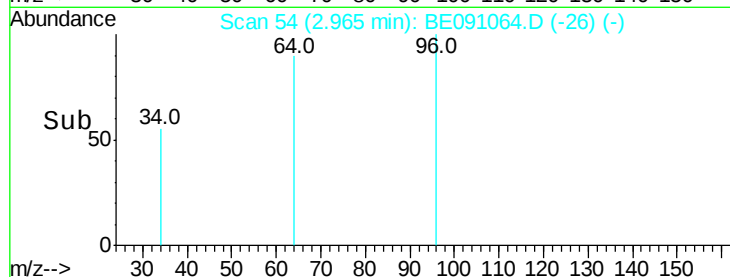
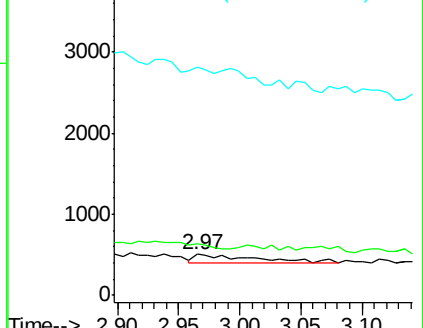
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



#5

Naphthalene

Concen: 0.96 ng/ul

RT: 9.62 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

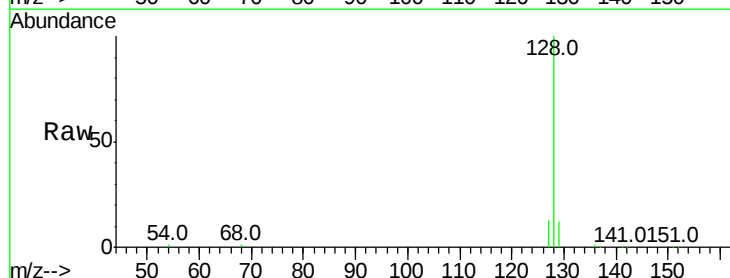
Tgt Ion: 128 Resp: 59850

Ion Ratio Lower Upper

128 100

129 11.6 9.8 14.8

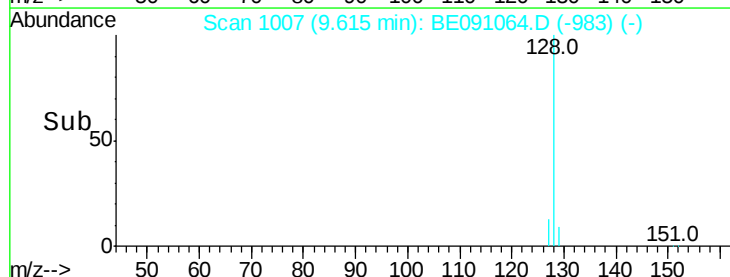
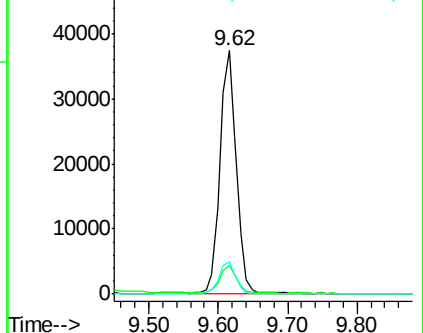
127 13.1 10.7 16.1

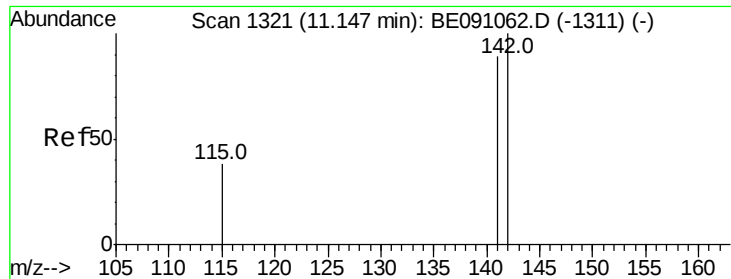


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#7

2-Methylnaphthalene

Concen: 1.37 ng/ul

RT: 11.14 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

Instrument :

BNA_E

ClientSampleId :

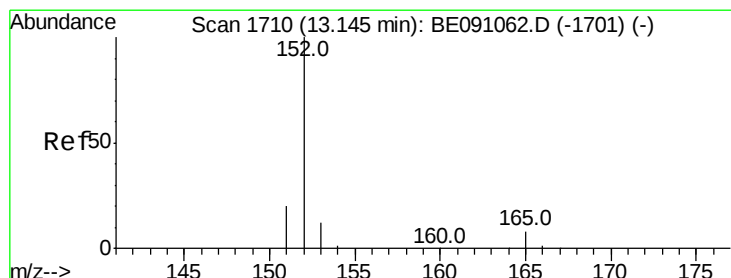
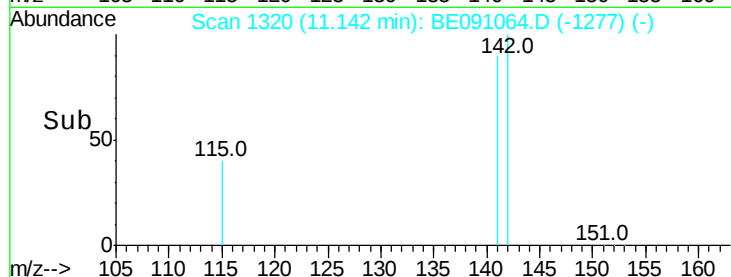
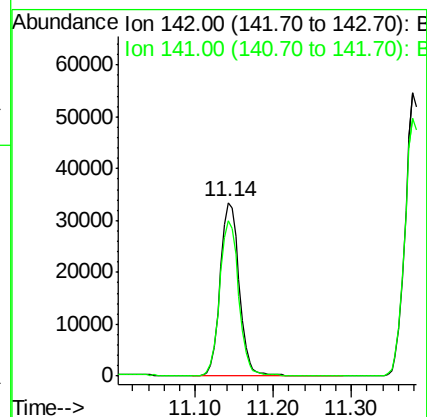
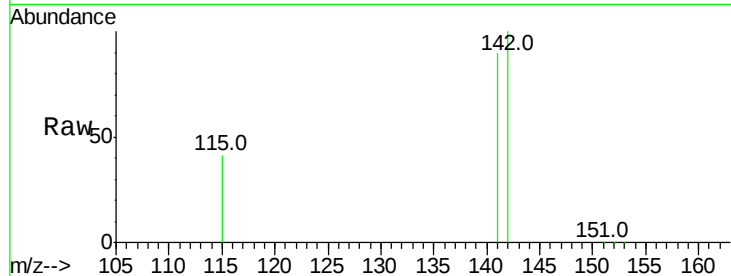
COAN6

Tot Ion:142 Resp: 55797

Ion Ratio Lower Upper

142 100

141 89.5 70.3 105.5



#9

Acenaphthylene

Concen: 0.58 ng/ul

RT: 13.14 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

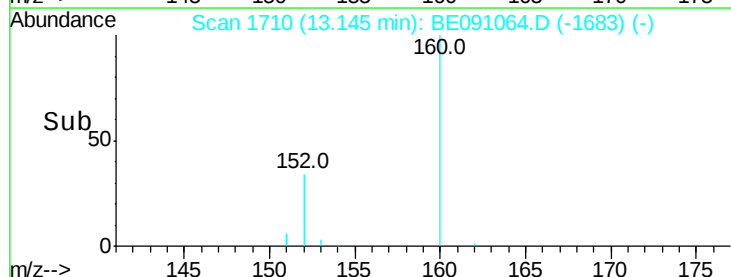
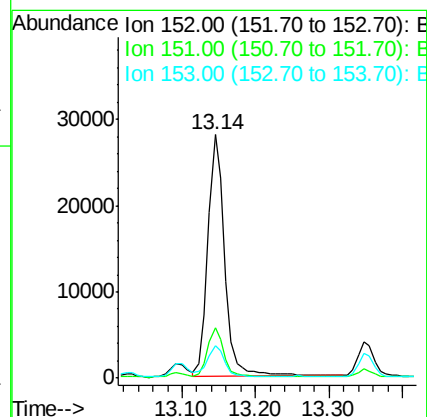
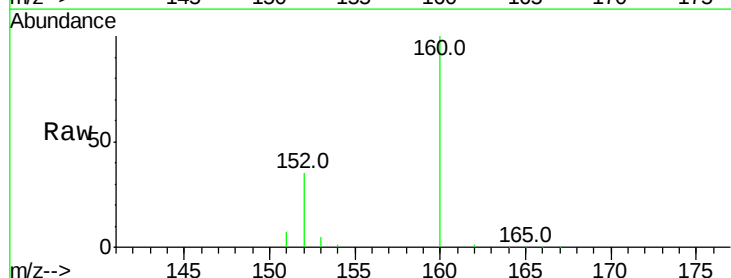
Tgt Ion:152 Resp: 45202

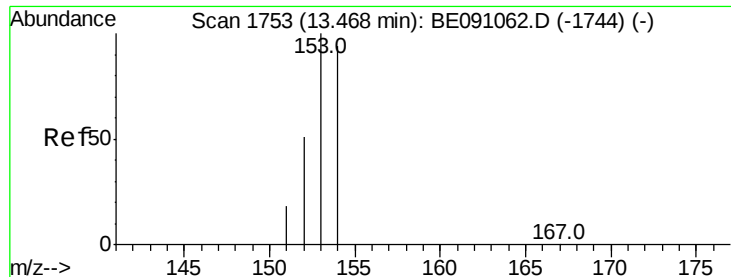
Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

153 13.4 11.3 16.9





#10

Acenaphthene

Concen: 12.63 ng/ul

RT: 13.46 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

Instrument :

BNA_E

ClientSampleId :

COAN6

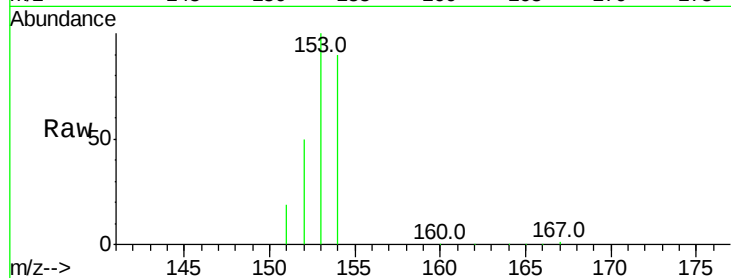
Tot Ion:153 Resp: 672472

Ion Ratio Lower Upper

153 100

152 50.3 42.3 63.5

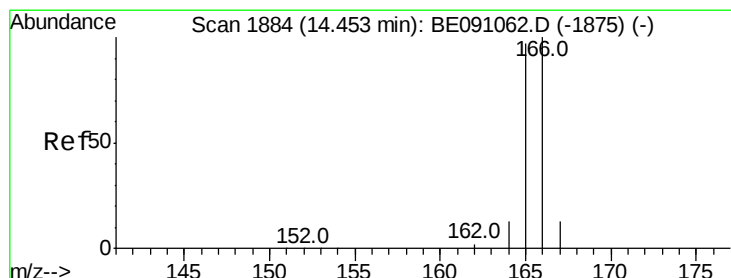
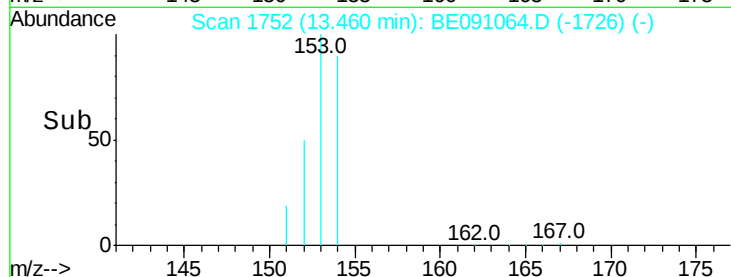
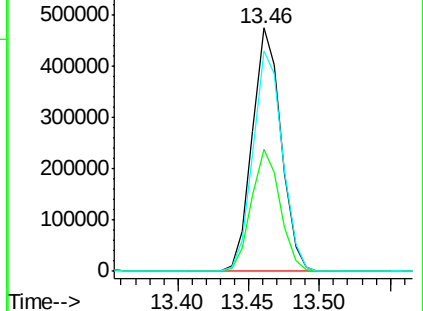
154 90.5 64.7 97.1



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

Fluorene

Concen: 9.97 ng/ul

RT: 14.45 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

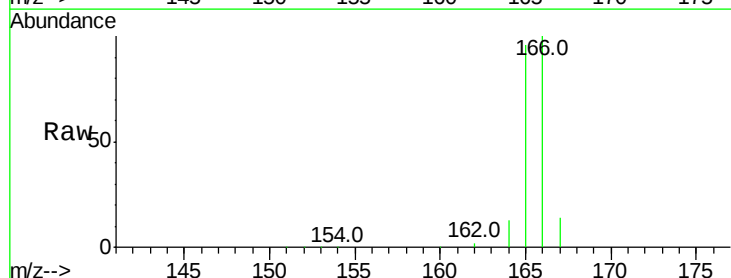
Tgt Ion:166 Resp: 682038

Ion Ratio Lower Upper

166 100

165 96.1 87.6 131.4

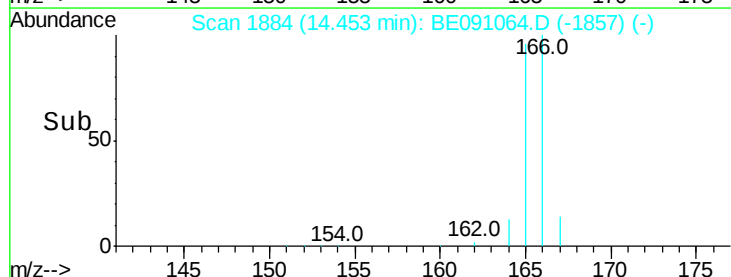
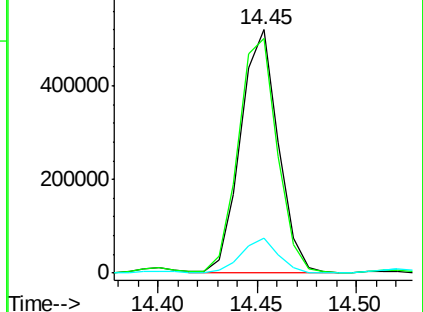
167 14.1 11.1 16.7

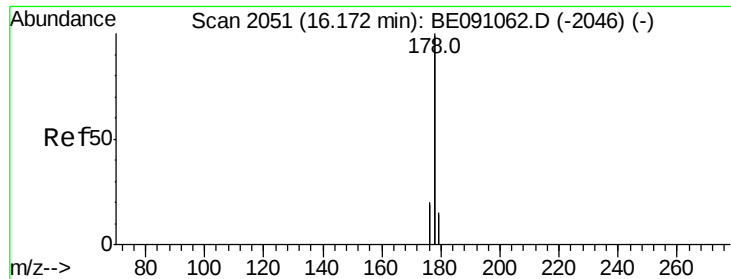


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#14

Phenanthrene

Concen: 0.14 ng/ul

RT: 16.26 min Scan# 2058

Delta R.T. 0.08 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

Instrument :

BNA_E

ClientSampleId :

C0AN6

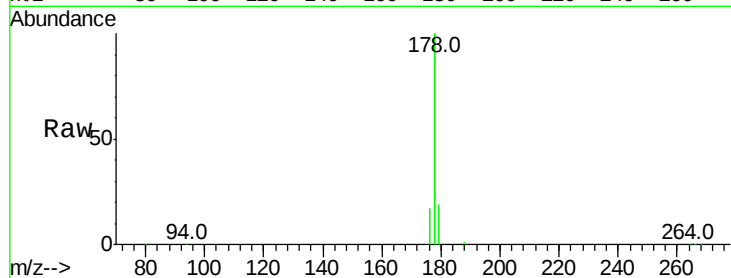
Tot Ion:178 Resp: 3701431

Ion Ratio Lower Upper

178 100

176 17.3 16.2 24.4

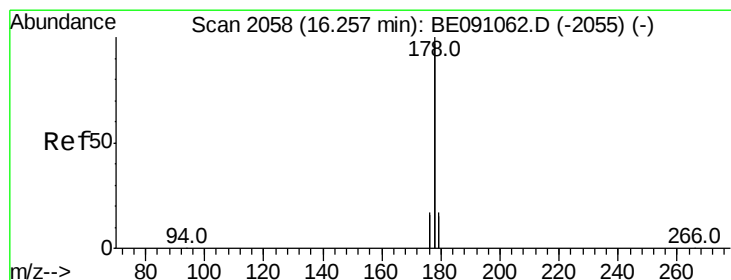
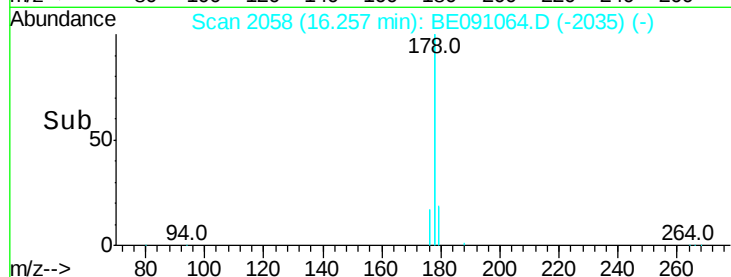
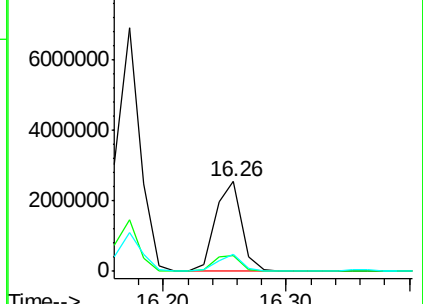
179 18.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Anthracene

Concen: 0.15 ng/ul

RT: 16.26 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

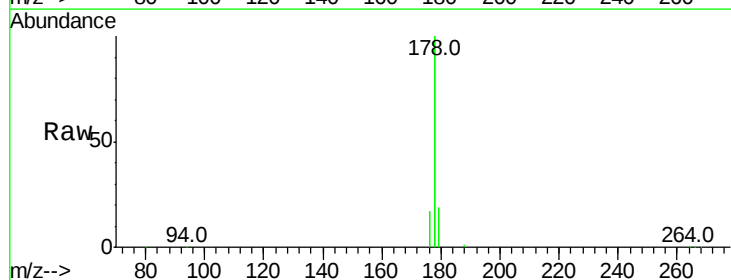
Tgt Ion:178 Resp: 3678916

Ion Ratio Lower Upper

178 100

176 17.3 15.8 23.8

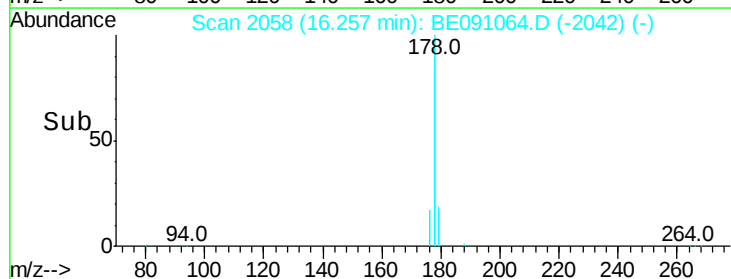
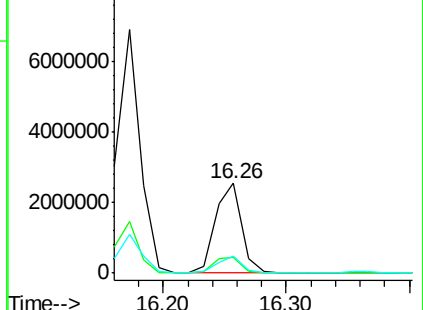
179 18.6 13.3 19.9

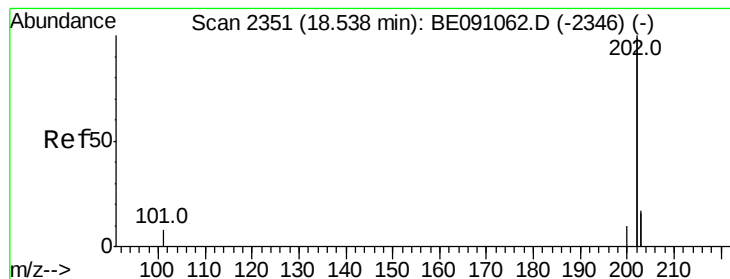


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#19

Pvrene

Concen: 17.91 ng/ul

RT: 18.54 min Scan# 2352

Delta R.T. 0.01 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

Instrument :

BNA_E

ClientSampleId :

C0AN6

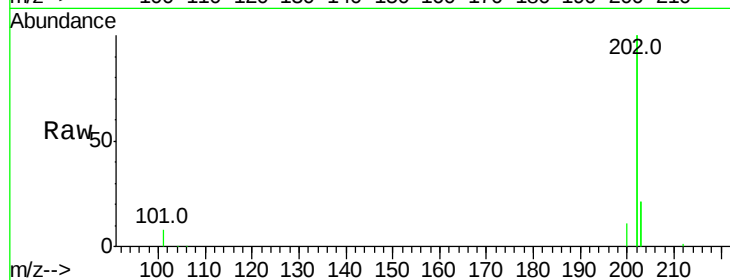
Tot Ion:202 Resp: 7214576

Ion Ratio Lower Upper

202 100

200 5.5 18.0 27.0#

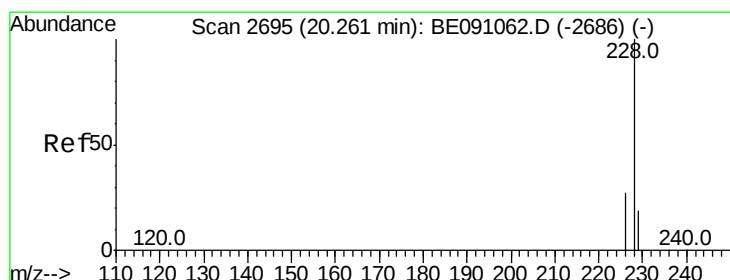
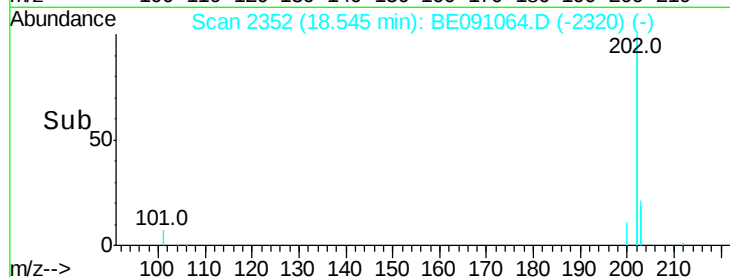
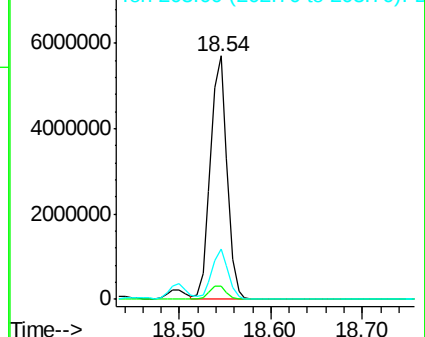
203 20.6 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#20

Benzo(a)anthracene

Concen: 8.53 ng/ul

RT: 20.26 min Scan# 2694

Delta R.T. -0.00 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

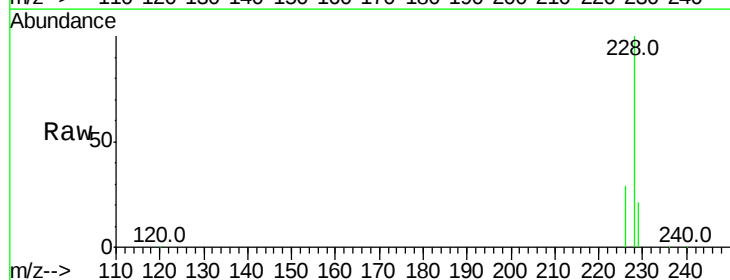
Tgt Ion:228 Resp: 776665

Ion Ratio Lower Upper

228 100

226 29.1 23.0 34.4

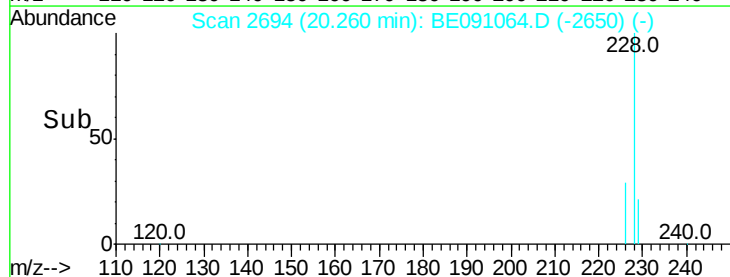
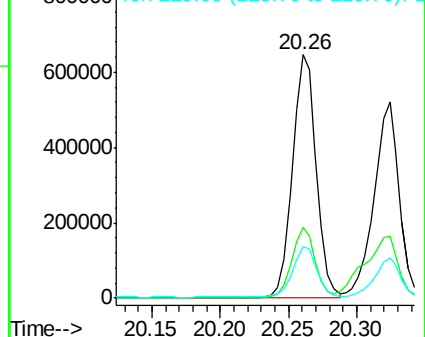
229 21.1 15.2 22.8

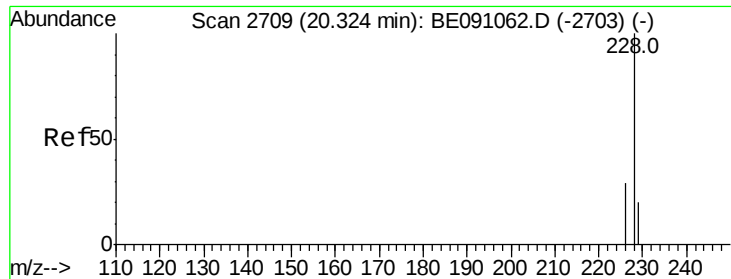


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 6.44 ng/uL

RT: 20.32 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

Instrument :

BNA_E

ClientSampleId :

C0AN6

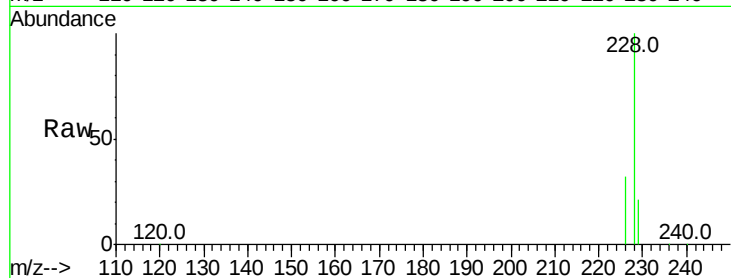
Tot Ion:228 Resp: 674837

Ion Ratio Lower Upper

228 100

226 31.9 25.7 38.5

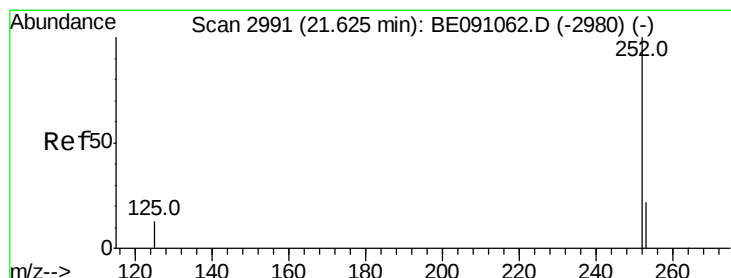
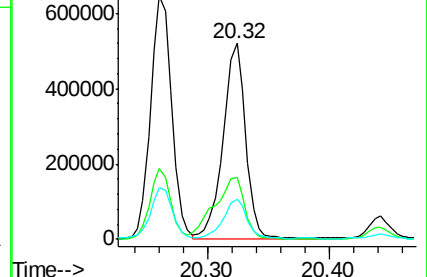
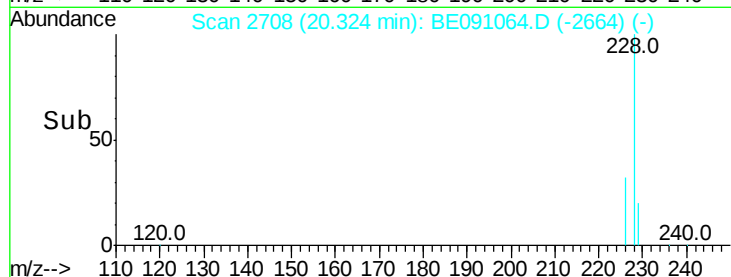
229 20.7 15.2 22.8



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



#23

Benzo(b)fluoranthene

Concen: 0.06 ng/uL

RT: 21.63 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BE091064.D

Acq: 5 Nov 2015 11:27

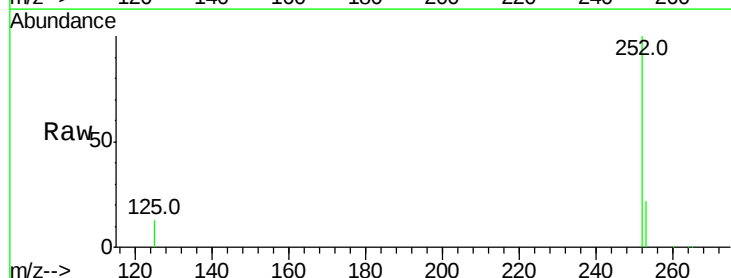
Tgt Ion:252 Resp: 451178

Ion Ratio Lower Upper

252 100

253 22.5 0.0 48.0

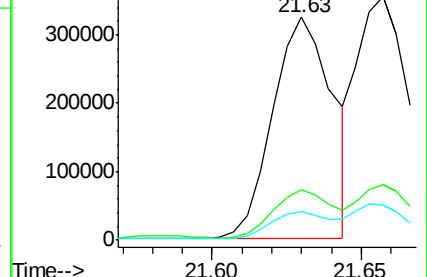
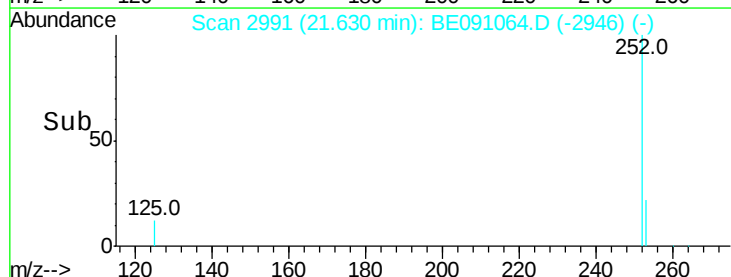
125 13.1 0.0 36.6

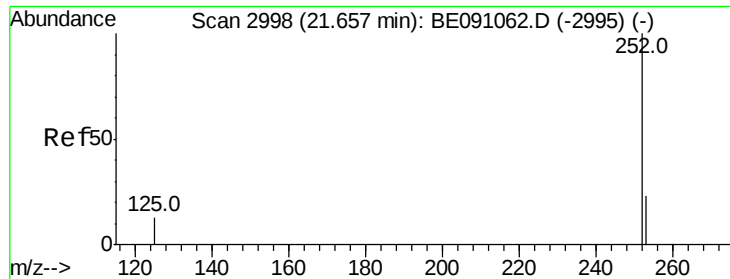


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

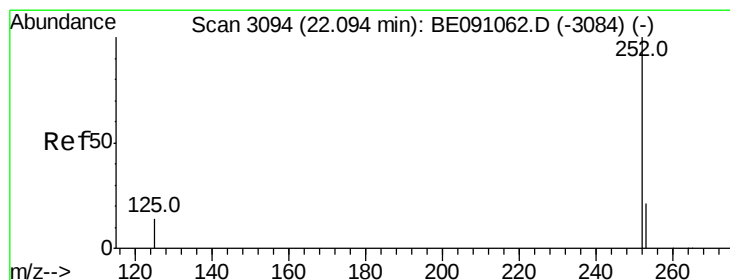
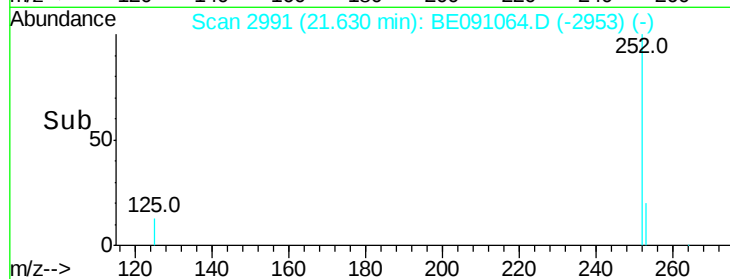
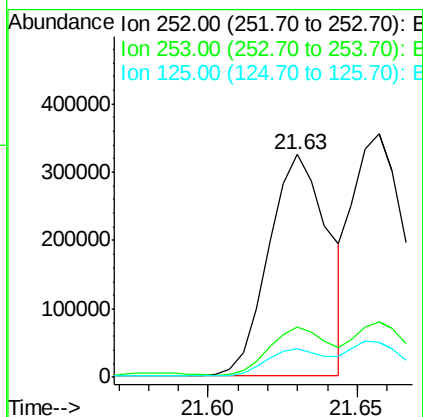
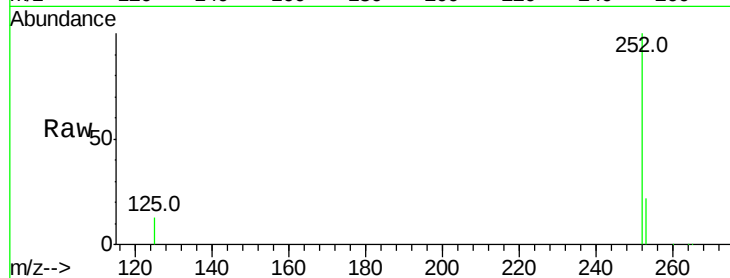




#24
Benzo(k)fluoranthene
Concen: 0.06 ng/ul
RT: 21.63 min Scan# 2991
Delta R.T. -0.03 min
Lab File: BE091064.D
Acq: 5 Nov 2015 11:27

Instrument :
BNA_E
ClientSampleId :
C0AN6

Tot Ion:252 Resp: 451178
Ion Ratio Lower Upper
252 100
253 22.5 20.8 31.2
125 13.1 12.2 18.4



#25
Benzo(a)pyrene
Concen: 0.04 ng/ul
RT: 22.04 min Scan# 3080
Delta R.T. -0.06 min
Lab File: BE091064.D
Acq: 5 Nov 2015 11:27

Tgt Ion:252 Resp: 273387
Ion Ratio Lower Upper
252 100
253 22.4 21.8 32.8
125 19.4 14.5 21.7

