

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091066.D
 Acq On : 5 Nov 2015 12:42
 Operator : UM/NP
 Sample : G4273-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AN8

Quant Time: Nov 06 05:43:51 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

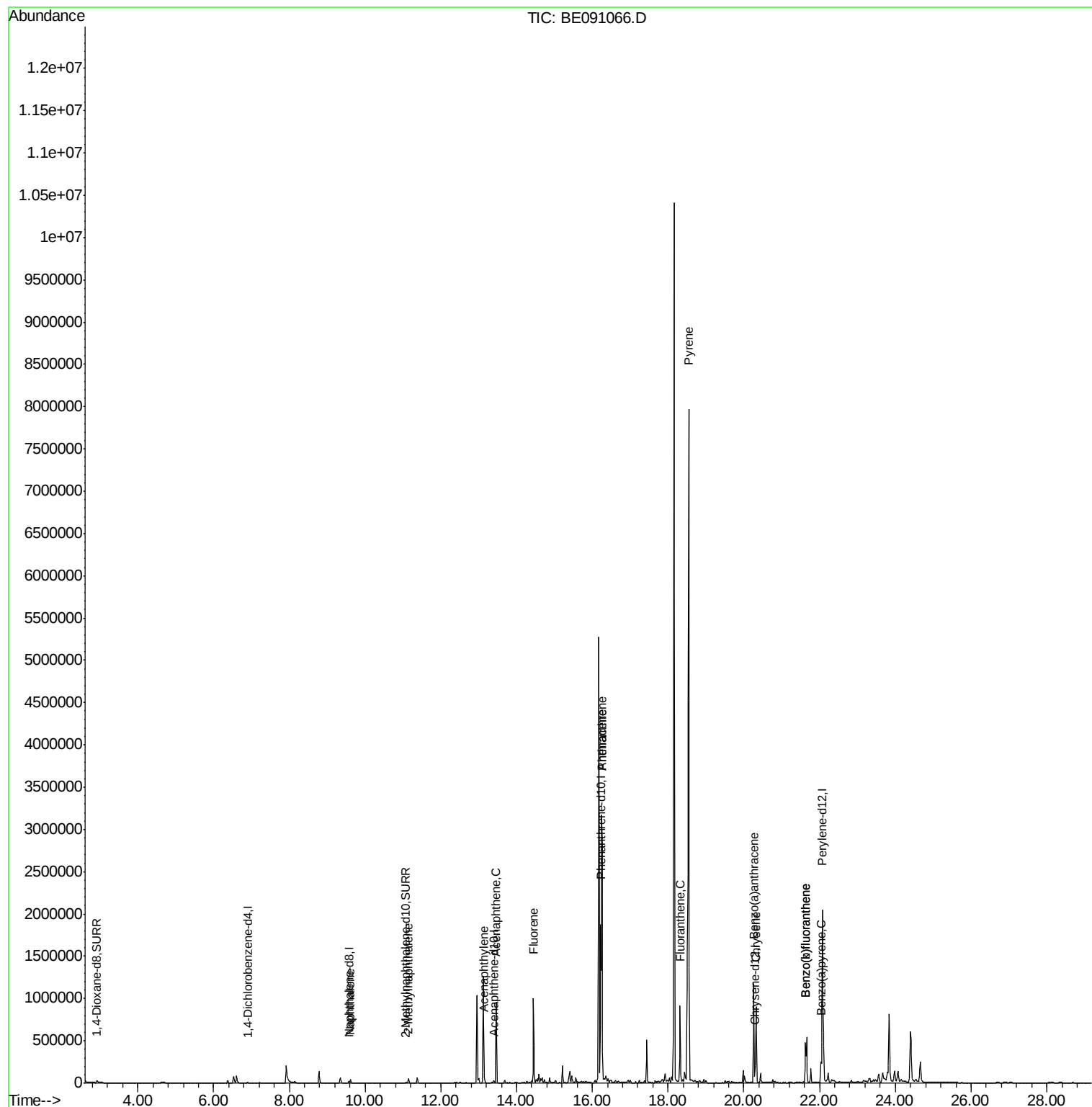
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	4567	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	25367	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	15633	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	1942675	0.40	ng/ul	0.09
18) Chrysene-d12	20.29	240	38798	0.40	ng/ul	0.00
22) Perylene-d12	22.07	264	2185276	0.40	ng/ul	-0.12
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	26379	8.03	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	9570	0.28	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	29514	0.01	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.61	128	52584	0.84	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	39541	0.97	ng/ul	99
9) Acenaphthylene	13.15	152	84840	1.09	ng/ul	98
10) Acenaphthene	13.46	153	512621	9.59	ng/ul	91
11) Fluorene	14.45	166	603221	8.78	ng/ul	94
14) Phenanthrene	16.25	178	3565784	0.16	ng/ul	99
15) Anthracene	16.25	178	3548304	0.17	ng/ul	98
17) Fluoranthene	18.32	202	910457	0.03	ng/ul	88
19) Pyrene	18.55	202	8255770	18.73	ng/ul#	76
20) Benzo(a)anthracene	20.26	228	911735	9.15	ng/ul	97
21) Chrysene	20.32	228	805264	7.02	ng/ul	99
23) Benzo(b)fluoranthene	21.63	252	450935	0.07	ng/ul	93
24) Benzo(k)fluoranthene	21.63	252	450935	0.06	ng/ul	94
25) Benzo(a)pyrene	22.04	252	292263	0.05	ng/ul	94

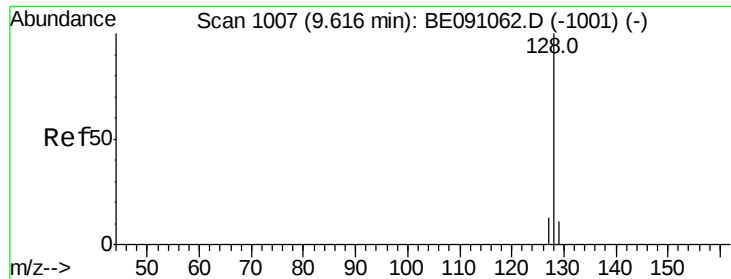
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 05:41:57 2015
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#5

Naphthalene

Concen: 0.84 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091066.D

Acq: 5 Nov 2015 12:42

Instrument :

BNA_E

ClientSampleId :

COAN8

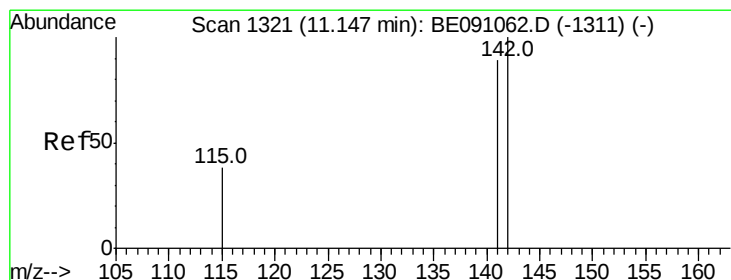
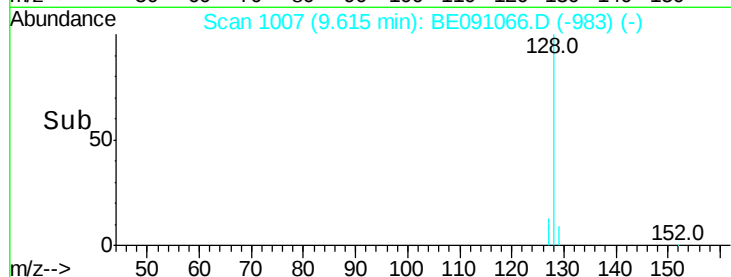
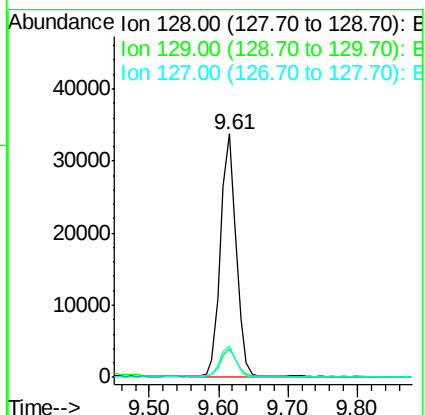
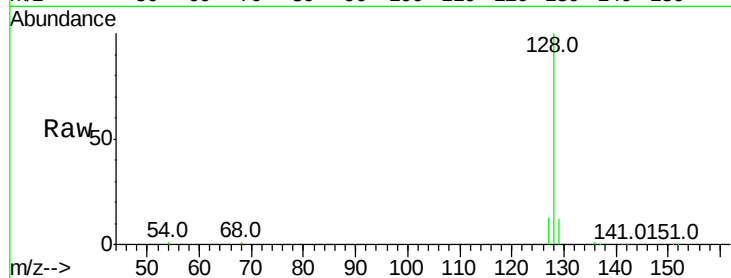
Tot Ion:128 Resp: 52584

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.8

127 13.0 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.97 ng/ul

RT: 11.14 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BE091066.D

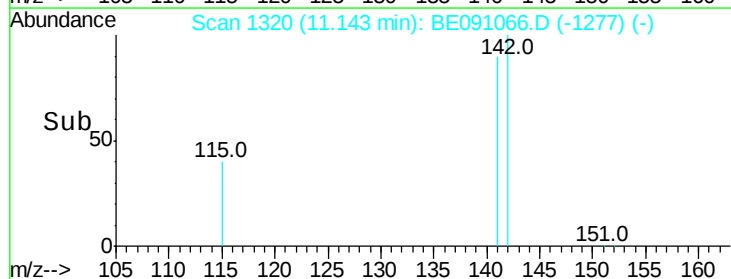
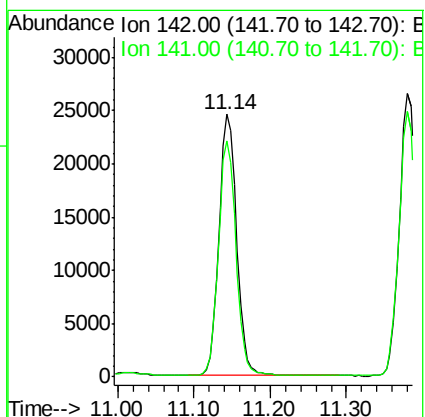
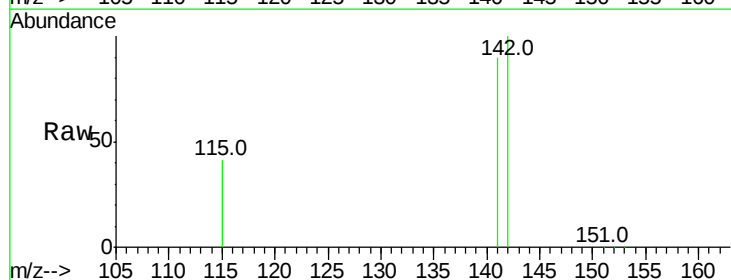
Acq: 5 Nov 2015 12:42

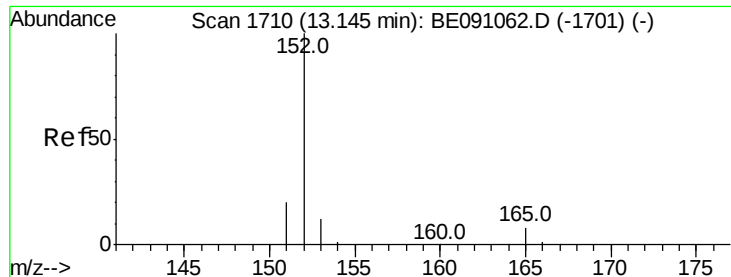
Tgt Ion:142 Resp: 39541

Ion Ratio Lower Upper

142 100

141 89.2 70.3 105.5





#9

Acenaphthylene

Concen: 1.09 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BE091066.D

Acq: 5 Nov 2015 12:42

Instrument :

BNA_E

ClientSampleId :

COAN8

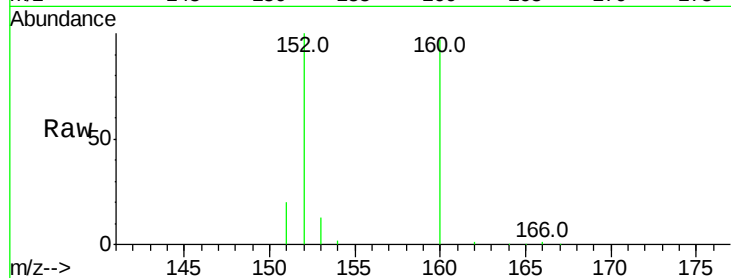
Tot Ion:152 Resp: 84840

Ion Ratio Lower Upper

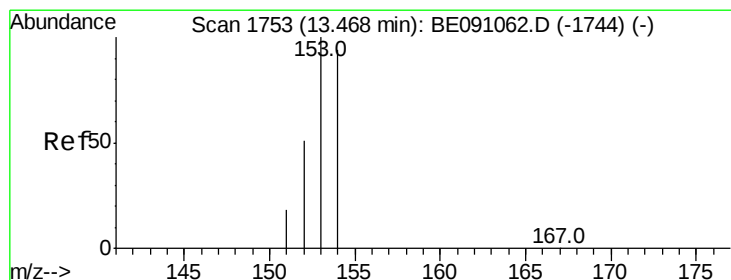
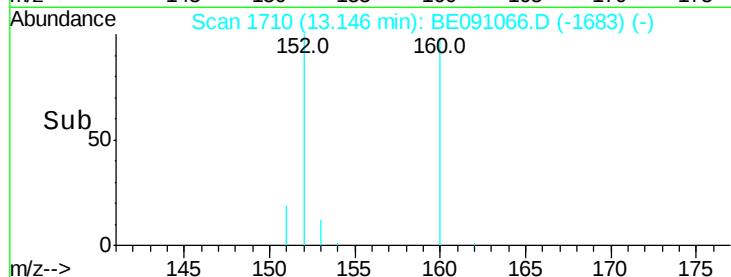
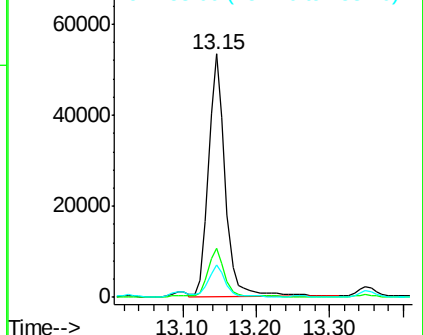
152 100

151 19.9 16.8 25.2

153 13.5 11.3 16.9



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



#10

Acenaphthene

Concen: 9.59 ng/ul

RT: 13.46 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BE091066.D

Acq: 5 Nov 2015 12:42

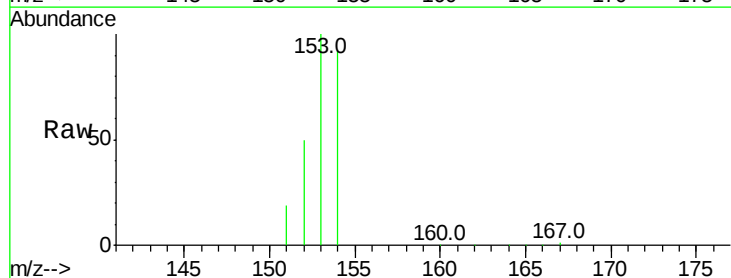
Tgt Ion:153 Resp: 512621

Ion Ratio Lower Upper

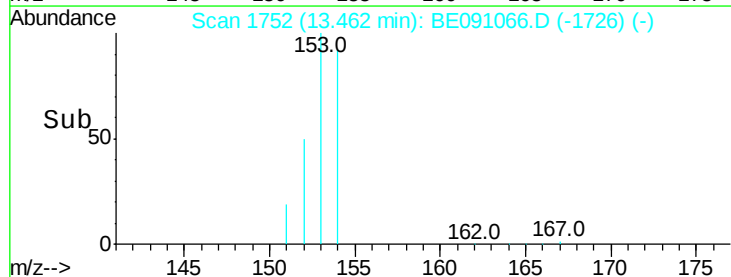
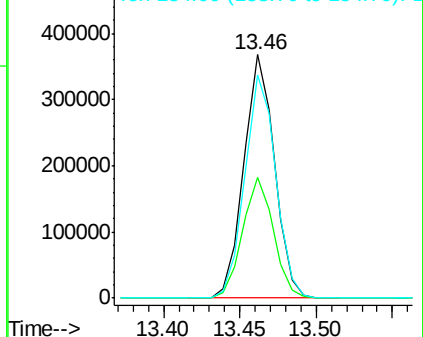
153 100

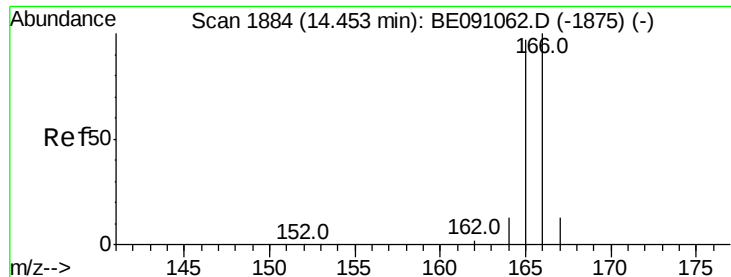
152 49.8 42.3 63.5

154 91.6 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: 8.78 ng/ul

RT: 14.45 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BE091066.D

Acq: 5 Nov 2015 12:42

Instrument :

BNA_E

ClientSampleId :

COAN8

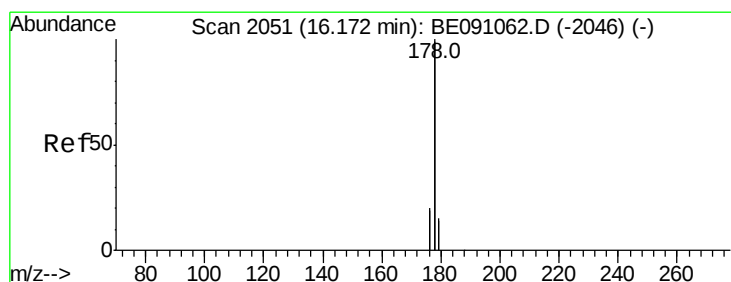
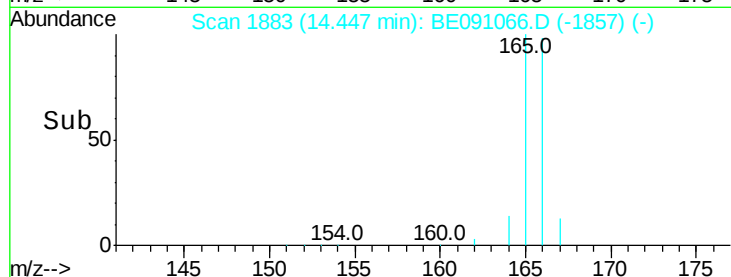
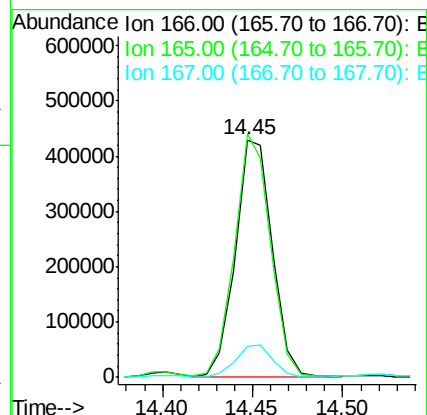
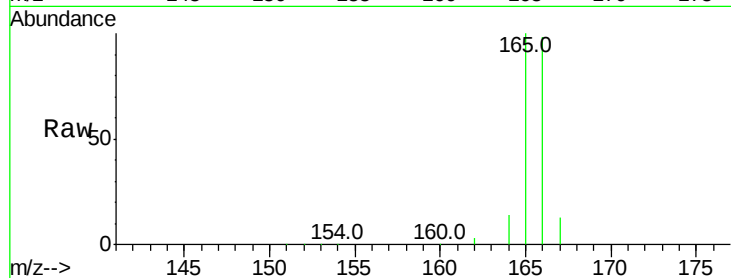
Tot Ion:166 Resp: 603221

Ion Ratio Lower Upper

166 100

165 102.5 87.6 131.4

167 13.3 11.1 16.7



#14

Phenanthrene

Concen: 0.16 ng/ul

RT: 16.25 min Scan# 2057

Delta R.T. 0.07 min

Lab File: BE091066.D

Acq: 5 Nov 2015 12:42

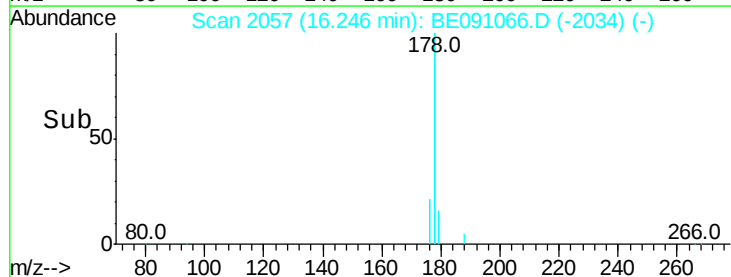
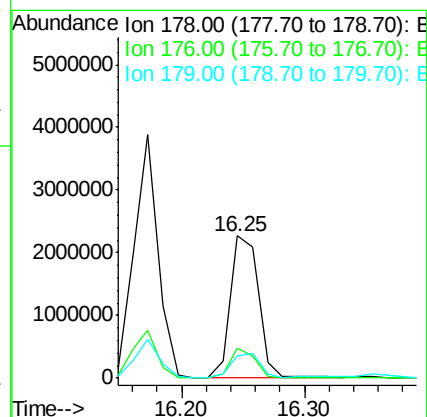
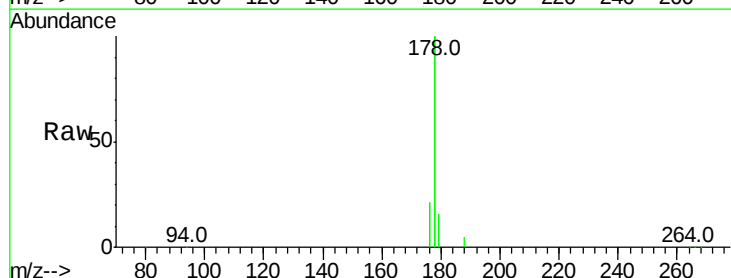
Tgt Ion:178 Resp: 3565784

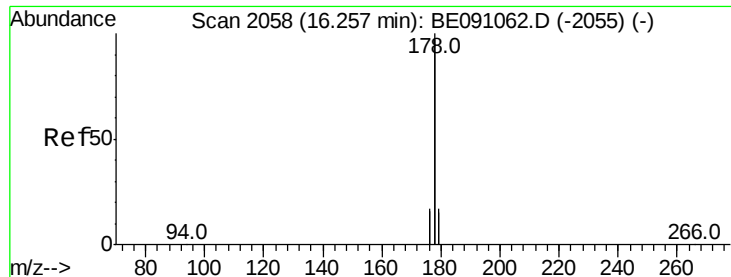
Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

179 15.9 12.8 19.2





#15

Anthracene

Concen: 0.17 ng/ul

RT: 16.25 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BE091066.D

Acq: 5 Nov 2015 12:42

Instrument :

BNA_E

ClientSampleId :

COAN8

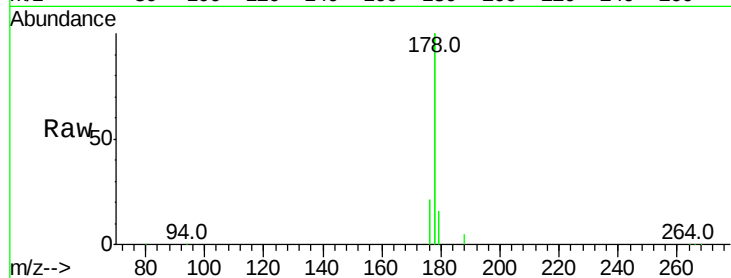
Tot Ion:178 Resp: 3548304

Ion Ratio Lower Upper

178 100

176 20.7 15.8 23.8

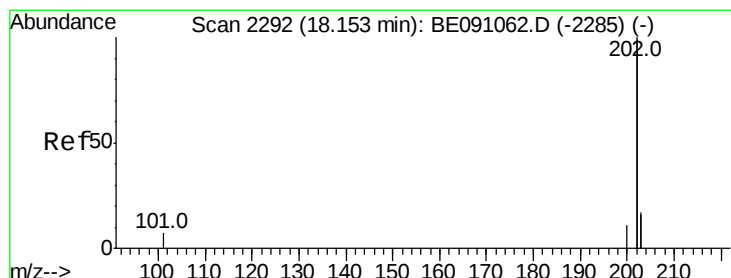
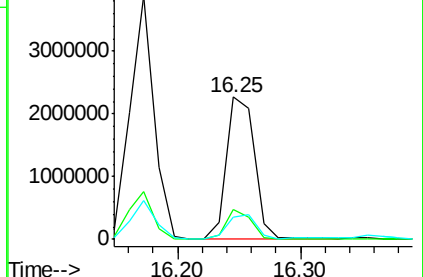
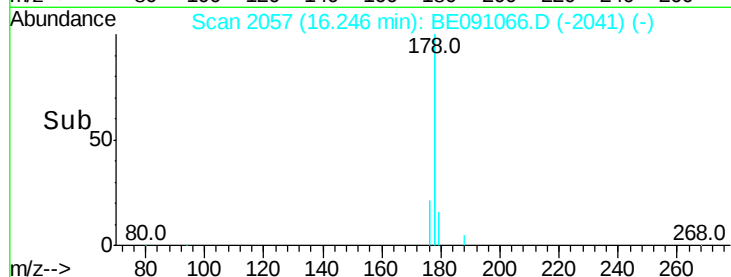
179 15.9 13.3 19.9



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



#17

Fluoranthene

Concen: 0.03 ng/ul

RT: 18.32 min Scan# 2317

Delta R.T. 0.16 min

Lab File: BE091066.D

Acq: 5 Nov 2015 12:42

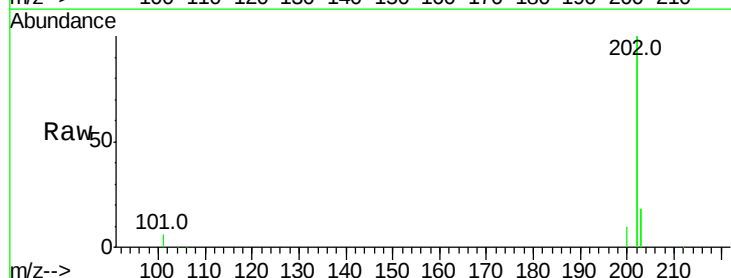
Tgt Ion:202 Resp: 910457

Ion Ratio Lower Upper

202 100

101 3.1 0.0 33.1

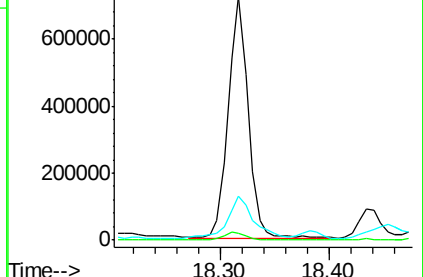
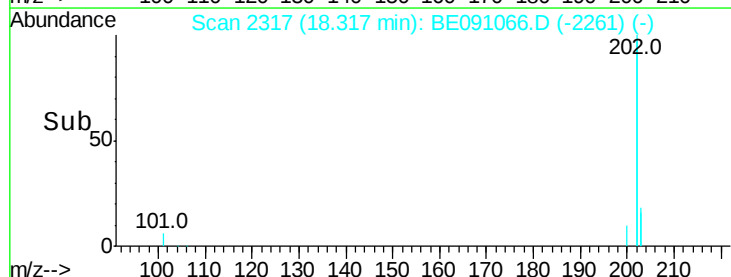
203 17.9 0.0 37.2

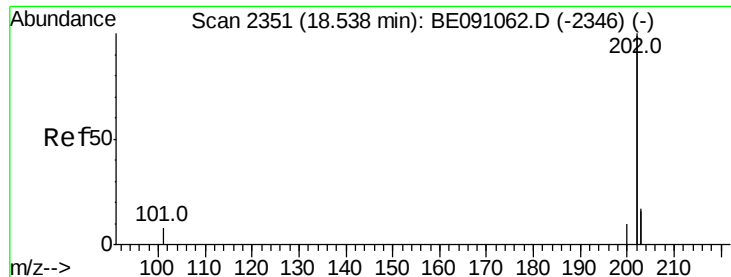


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 18.73 ng/ul

RT: 18.55 min Scan# 2352

Delta R.T. 0.01 min

Lab File: BE091066.D

Acq: 5 Nov 2015 12:42

Instrument :

BNA_E

ClientSampleId :

COAN8

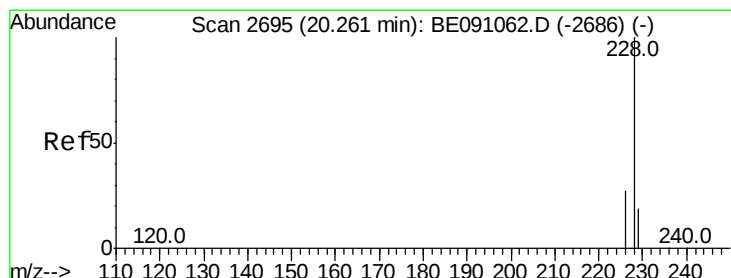
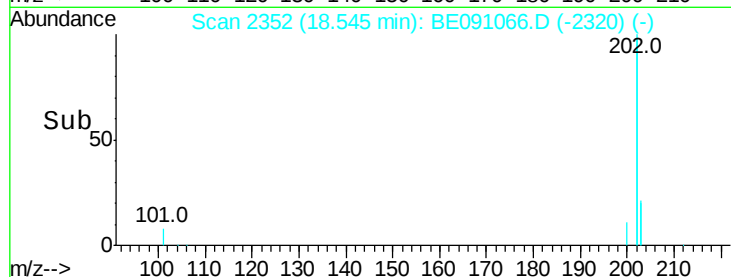
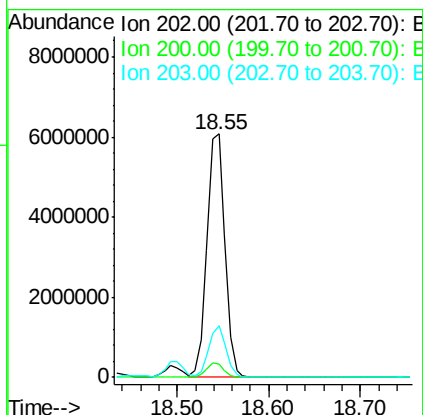
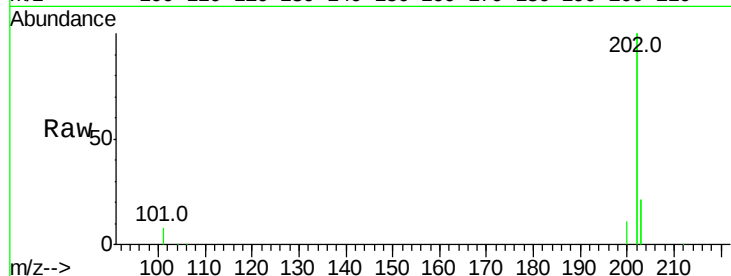
Tot Ion:202 Resp: 8255770

Ion Ratio Lower Upper

202 100

200 5.5 18.0 27.0#

203 21.4 13.8 20.6#



#20

Benzo(a)anthracene

Concen: 9.15 ng/ul

RT: 20.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BE091066.D

Acq: 5 Nov 2015 12:42

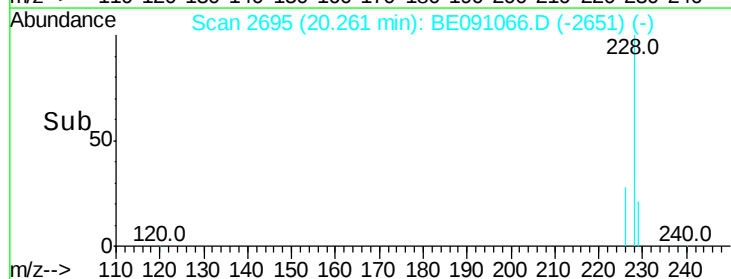
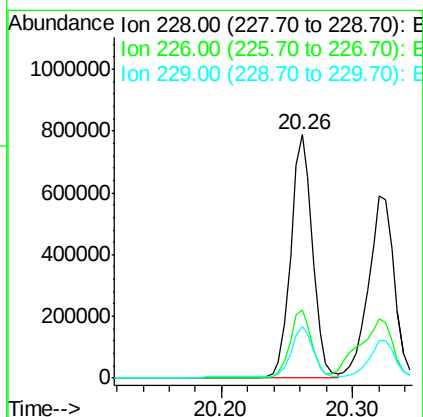
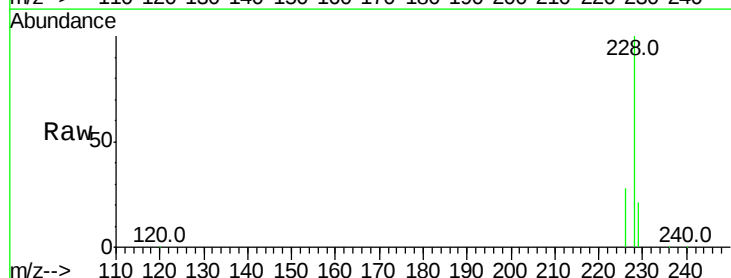
Tgt Ion:228 Resp: 911735

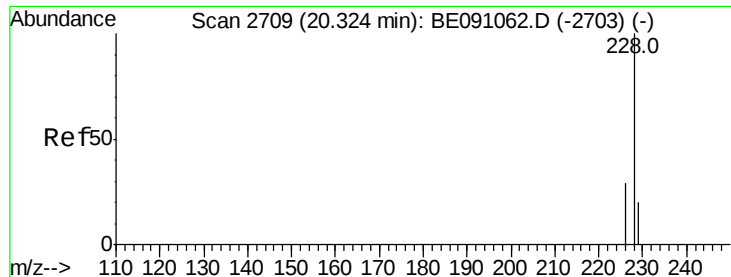
Ion Ratio Lower Upper

228 100

226 28.0 23.0 34.4

229 21.1 15.2 22.8





#21

Chrysene

Concen: 7.02 ng/u1

RT: 20.32 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BE091066.D

Acq: 5 Nov 2015 12:42

Instrument :

BNA_E

ClientSampleId :

COAN8

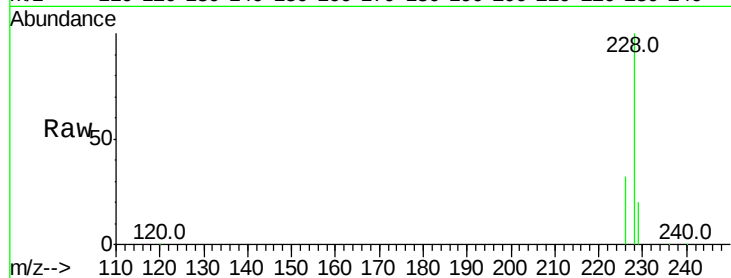
Tot Ion:228 Resp: 805264

Ion Ratio Lower Upper

228 100

226 32.3 25.7 38.5

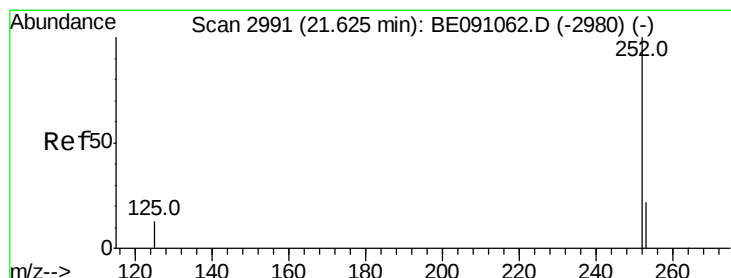
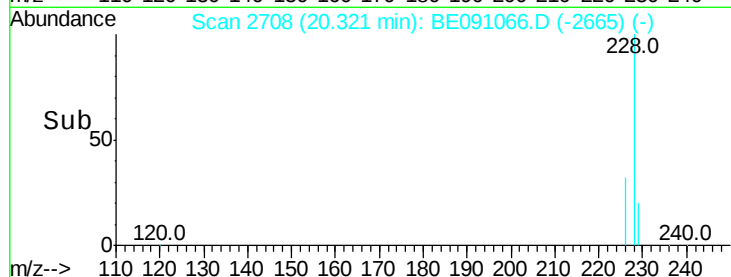
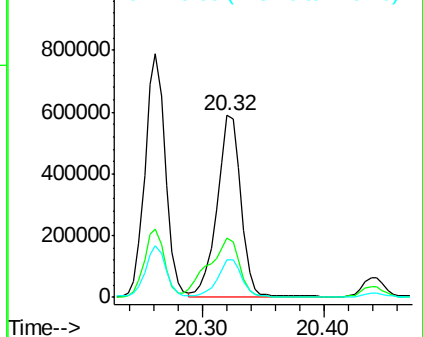
229 20.3 15.2 22.8



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: 0.07 ng/u1

RT: 21.63 min Scan# 2992

Delta R.T. 0.01 min

Lab File: BE091066.D

Acq: 5 Nov 2015 12:42

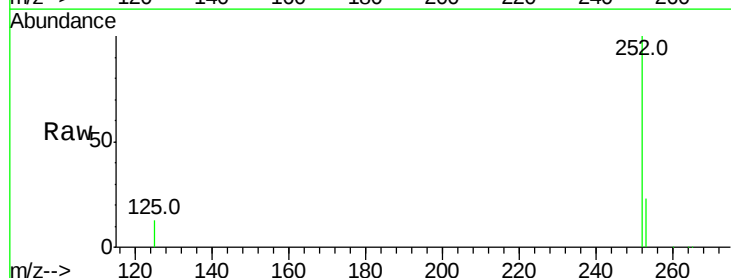
Tgt Ion:252 Resp: 450935

Ion Ratio Lower Upper

252 100

253 22.7 0.0 48.0

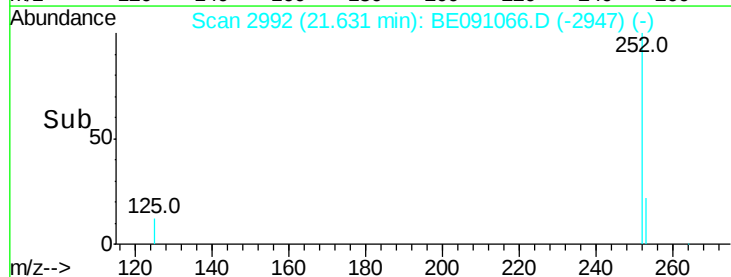
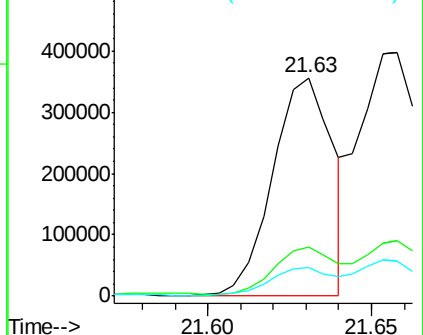
125 12.8 0.0 36.6

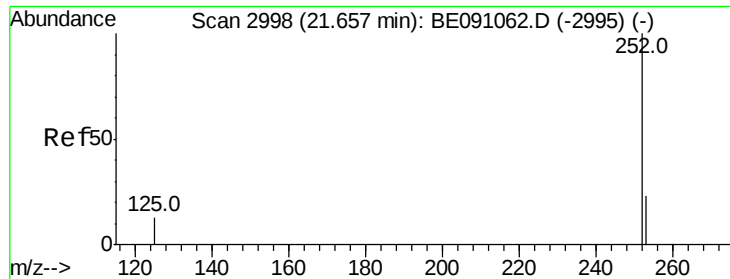


Abundance Ion 252.00 (251.70 to 252.70): E

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/u1

RT: 21.63 min Scan# 2992

Delta R.T. -0.03 min

Lab File: BE091066.D

Acq: 5 Nov 2015 12:42

Instrument :

BNA_E

ClientSampleId :

COAN8

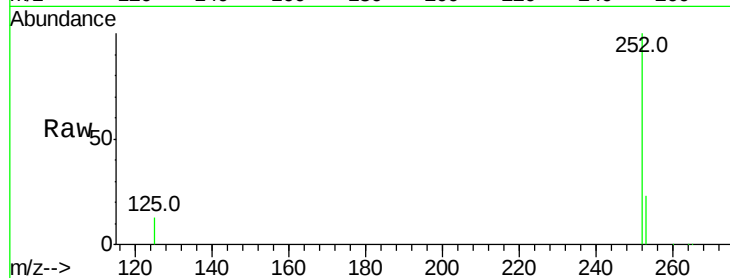
Tot Ion:252 Resp: 450935

Ion Ratio Lower Upper

252 100

253 22.7 20.8 31.2

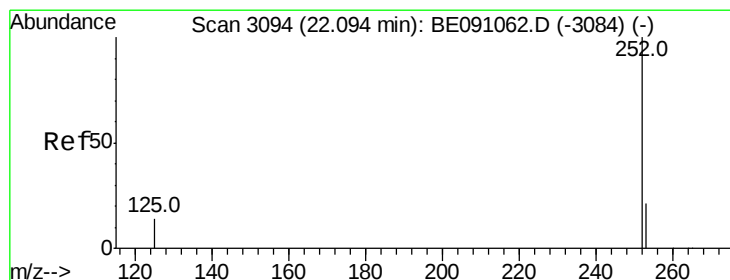
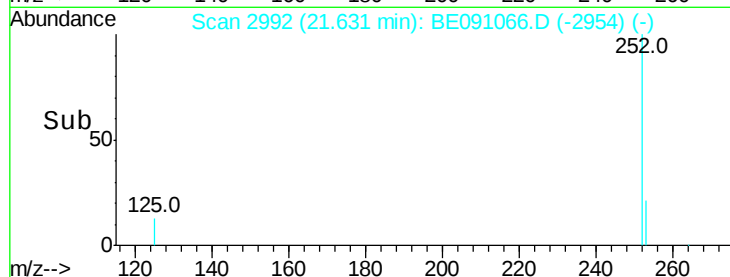
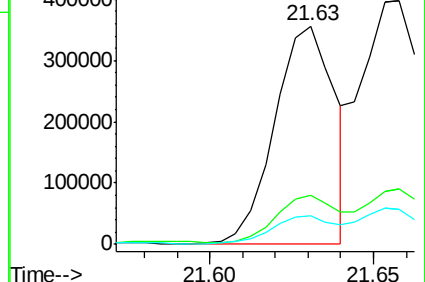
125 12.8 12.2 18.4



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



#25

Benzo(a)pyrene

Concen: 0.05 ng/u1

RT: 22.04 min Scan# 3081

Delta R.T. -0.06 min

Lab File: BE091066.D

Acq: 5 Nov 2015 12:42

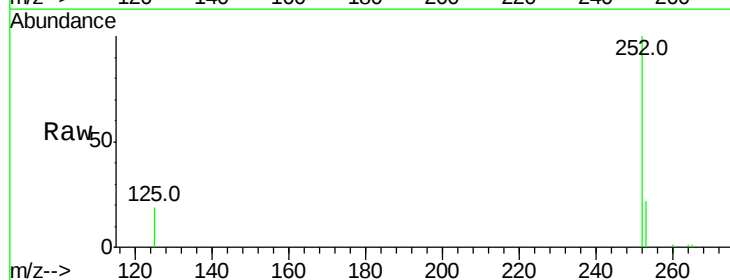
Tgt Ion:252 Resp: 292263

Ion Ratio Lower Upper

252 100

253 22.5 21.8 32.8

125 18.6 14.5 21.7



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

