

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111315\
 Data File : BE091154.D
 Acq On : 13 Nov 2015 23:09
 Operator : UM/NP
 Sample : G4342-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 D9KN9

Quant Time: Nov 14 04:36:16 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 : Sat Nov 14 04:34:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	4133	0.40	ng/ul	-0.07
4) Naphthalene-d8	9.57	136	20810	0.40	ng/ul	-0.04
8) Acenaphthene-d10	13.39	164	12600	0.40	ng/ul	-0.01
12) Phenanthrene-d10	16.10	188	30199	0.40	ng/ul	-0.01
18) Chrysene-d12	20.24	240	47527	0.40	ng/ul	0.00
22) Perylene-d12	22.13	264	55900	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.10	96	15666	5.27	ng/uL	-0.06
6) 2-Methylnaphthalene-d10	11.11	152	4241	0.15	ng/ul	0.00
16) Fluoranthene-d10	18.09	212	12739	0.15	ng/ul	0.00

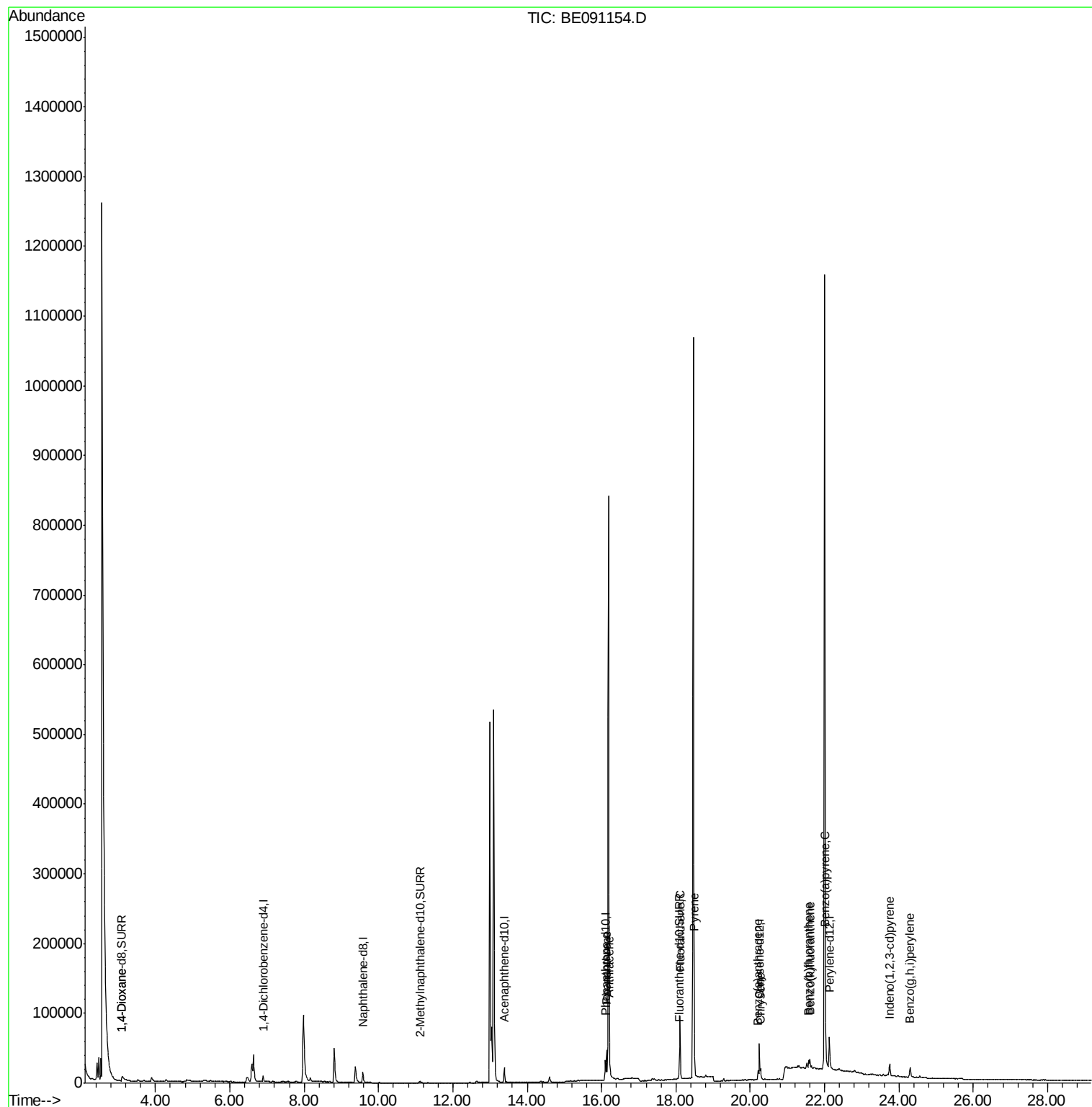
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) 1,4-Dioxane	3.10	88	138	0.04	ng/ul#	24
14) Phenanthrene	16.14	178	44339	0.13	ng/ul#	94
15) Anthracene	16.21	178	10335	0.03	ng/ul#	56
17) Fluoranthene	18.11	202	100694	0.25	ng/ul	84
19) Pyrene	18.49	202	101962	0.19	ng/ul#	73
20) Benzo(a)anthracene	20.21	228	11577	0.09	ng/ul#	89
21) Chrysene	20.27	228	14776	0.11	ng/ul#	88
23) Benzo(b)fluoranthene	21.57	252	11145	0.06	ng/ul#	1
24) Benzo(k)fluoranthene	21.60	252	10705	0.06	ng/ul#	1
25) Benzo(a)pyrene	22.03	252	10388	0.06	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	23.75	276	25304	0.04	ng/ul	93
28) Benzo(g,h,i)perylene	24.30	276	25519	0.04	ng/ul#	49

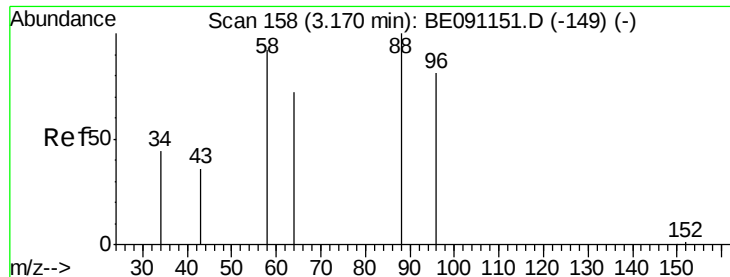
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.04 ng/ul

RT: 3.10 min Scan# 148

Delta R.T. -0.07 min

Lab File: BE091154.D

Acq: 13 Nov 2015 23:09

Instrument :

BNA_E

ClientSampleId :

D9KN9

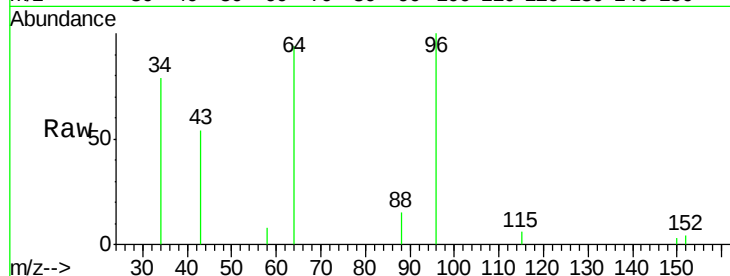
Tot Ion: 88 Resp: 138

Ion Ratio Lower Upper

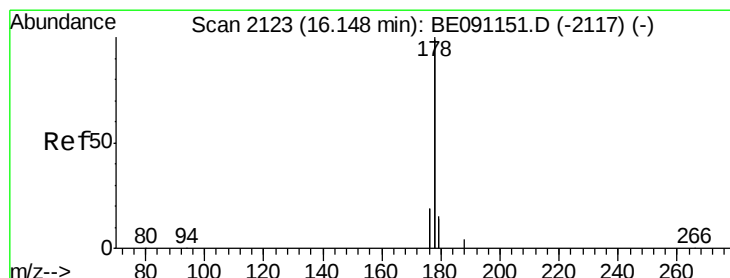
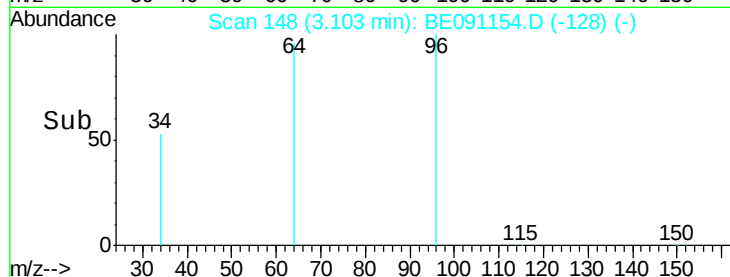
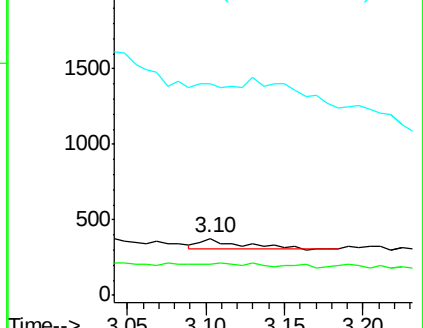
88 100

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



#14

Phenanthrene

Concen: 0.13 ng/ul

RT: 16.14 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE091154.D

Acq: 13 Nov 2015 23:09

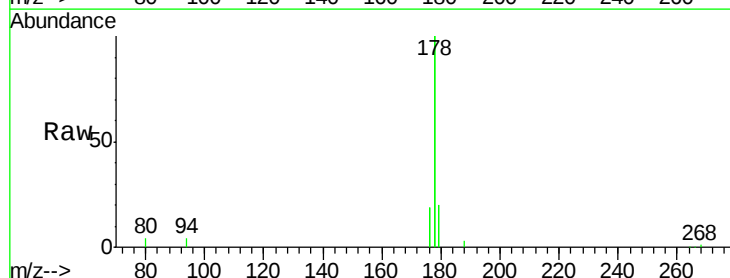
Tgt Ion: 178 Resp: 44339

Ion Ratio Lower Upper

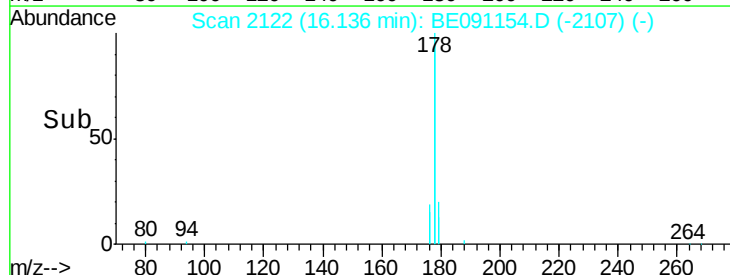
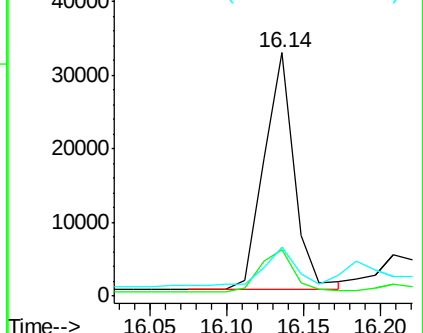
178 100

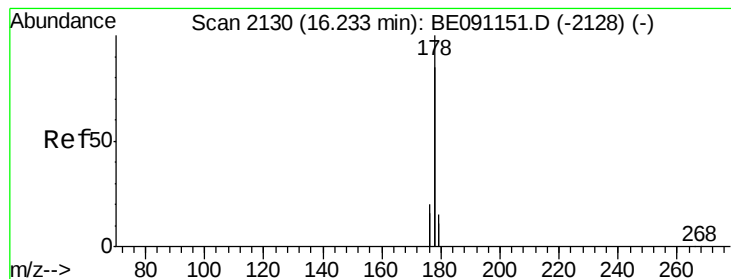
176 19.2 16.2 24.4

179 20.1 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: 0.03 ng/ul

RT: 16.21 min Scan# 2128

Delta R.T. -0.02 min

Lab File: BE091154.D

Acq: 13 Nov 2015 23:09

Instrument :

BNA_E

ClientSampleId :

D9KN9

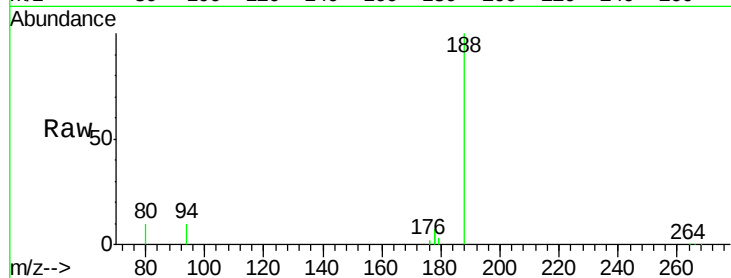
Tot Ion:178 Resp: 10335

Ion Ratio Lower Upper

178 100

176 28.9 15.8 23.8#

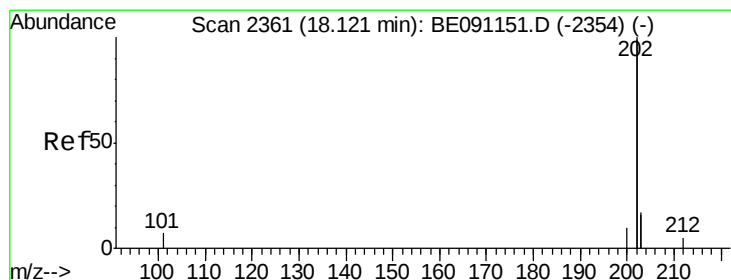
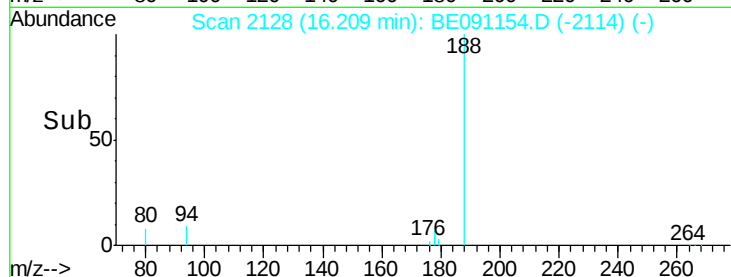
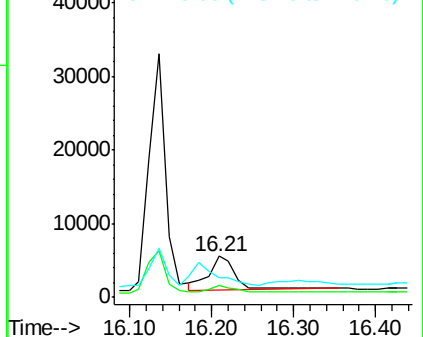
179 48.4 13.3 19.9#



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: 0.25 ng/ul

RT: 18.11 min Scan# 2360

Delta R.T. -0.01 min

Lab File: BE091154.D

Acq: 13 Nov 2015 23:09

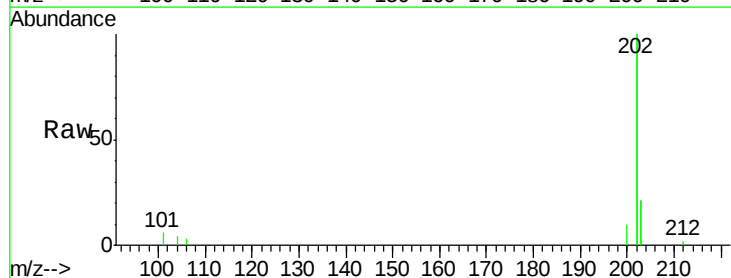
Tgt Ion:202 Resp: 100694

Ion Ratio Lower Upper

202 100

101 3.2 0.0 33.1

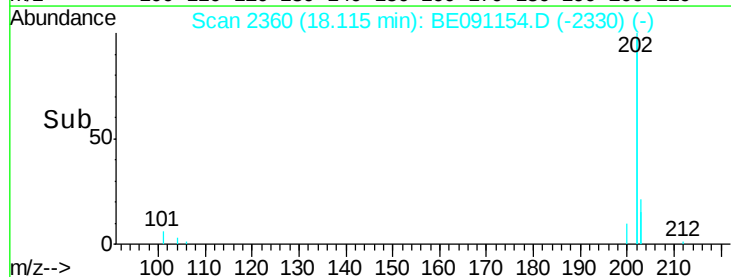
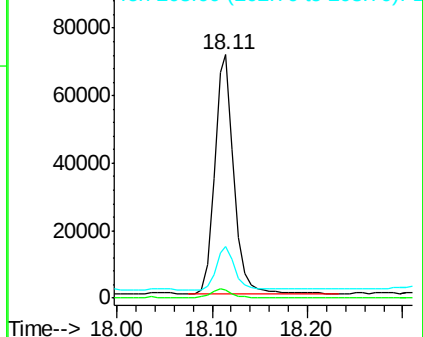
203 21.4 0.0 37.2

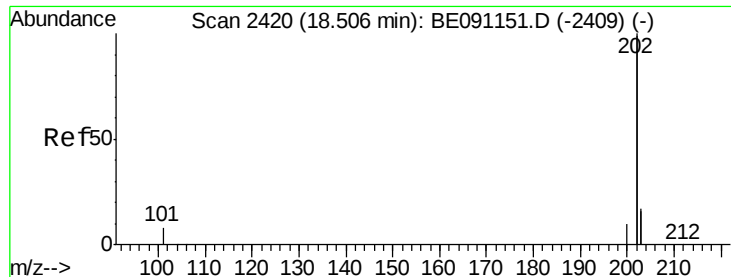


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.19 ng/ul

RT: 18.49 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BE091154.D

Acq: 13 Nov 2015 23:09

Instrument :

BNA_E

ClientSampleId :

D9KN9

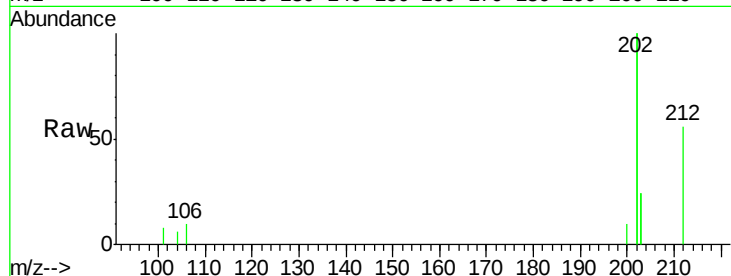
Tot Ion:202 Resp: 101962

Ion Ratio Lower Upper

202 100

200 5.2 18.0 27.0#

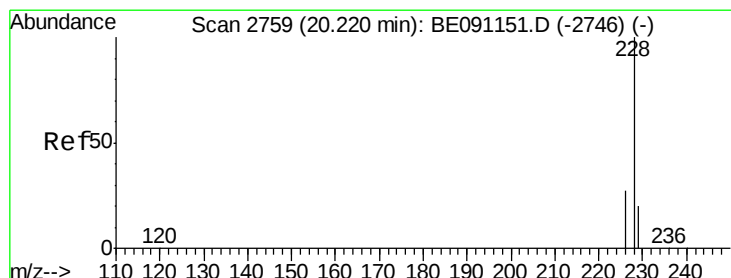
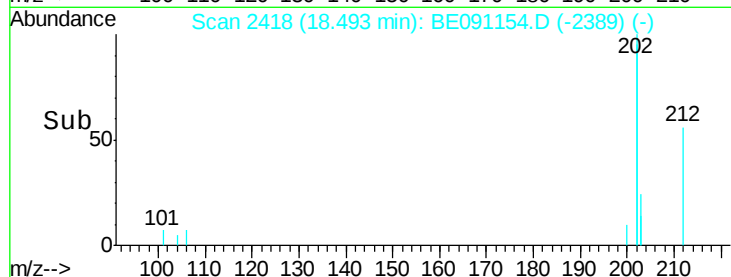
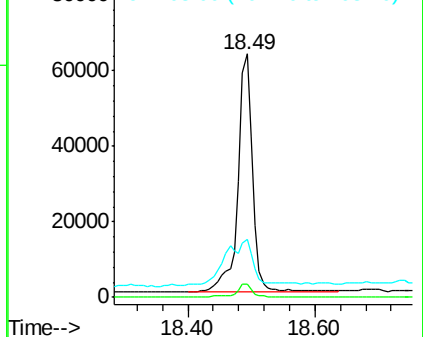
203 23.8 13.8 20.6#



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: 0.09 ng/ul

RT: 20.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BE091154.D

Acq: 13 Nov 2015 23:09

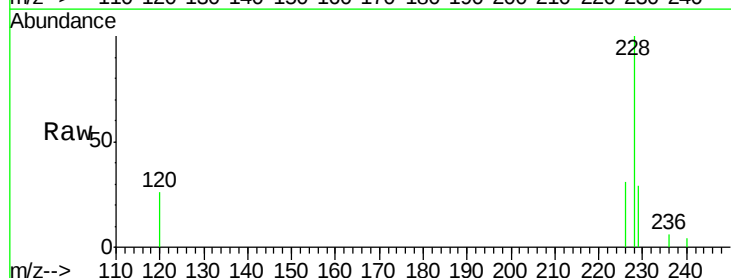
Tgt Ion:228 Resp: 11577

Ion Ratio Lower Upper

228 100

226 31.3 23.0 34.4

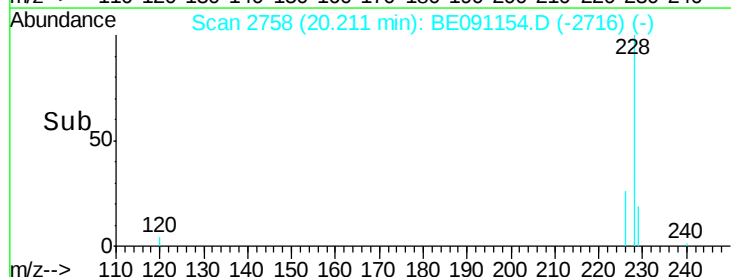
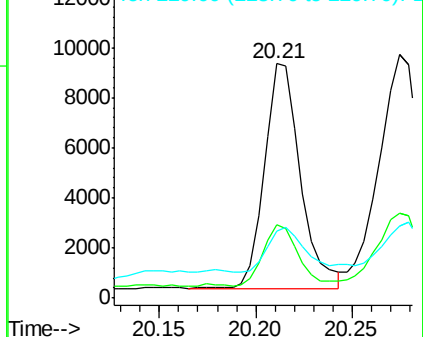
229 28.5 15.2 22.8#

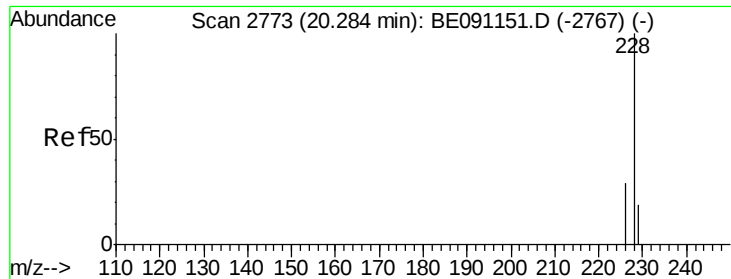


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.11 ng/ul

RT: 20.27 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BE091154.D

Acq: 13 Nov 2015 23:09

Instrument :

BNA_E

ClientSampleId :

D9KN9

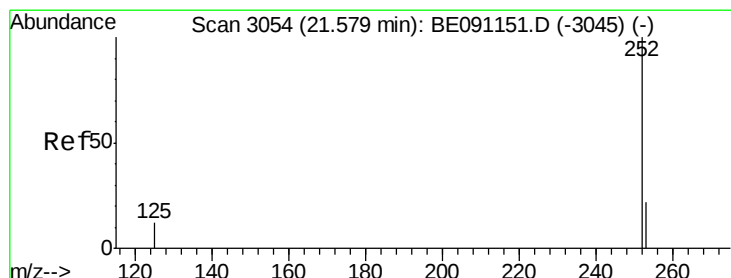
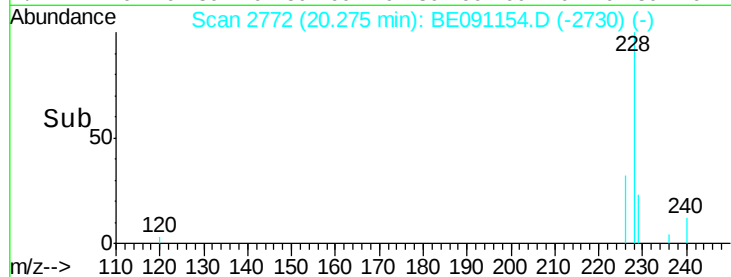
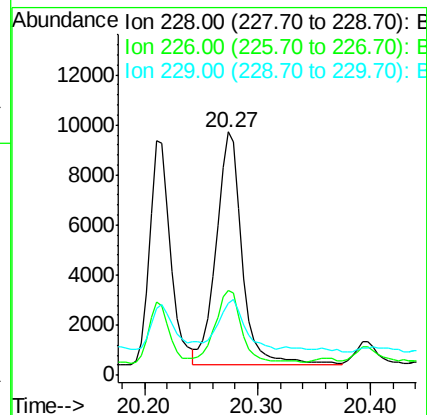
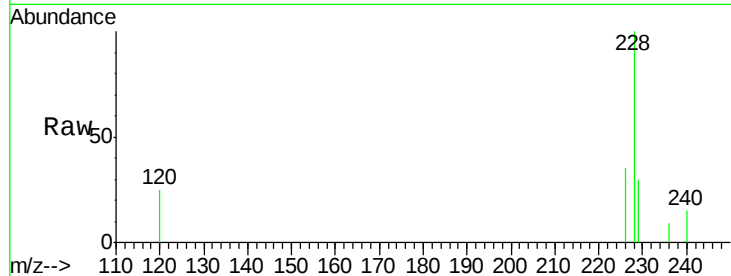
Tot Ion:228 Resp: 14776

Ion Ratio Lower Upper

228 100

226 34.7 25.7 38.5

229 29.8 15.2 22.8#



#23

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

RT: 21.57 min Scan# 3054

Delta R.T. -0.00 min

Lab File: BE091154.D

Acq: 13 Nov 2015 23:09

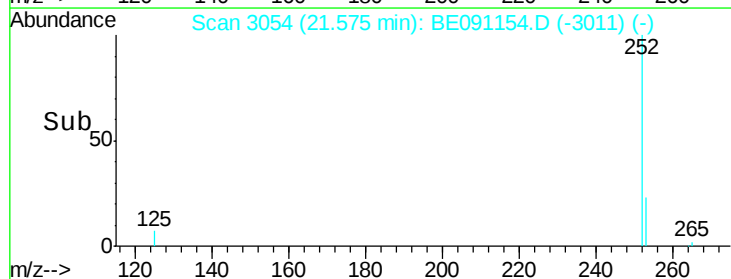
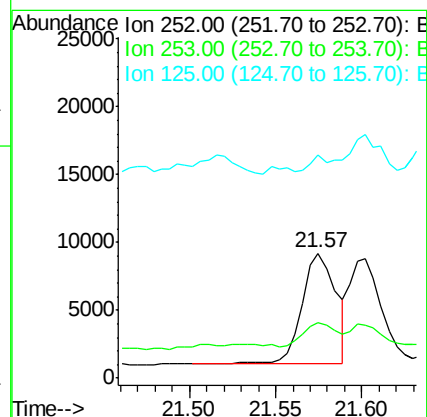
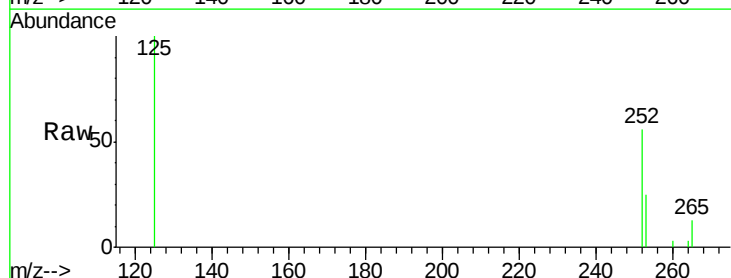
Tgt Ion:252 Resp: 11145

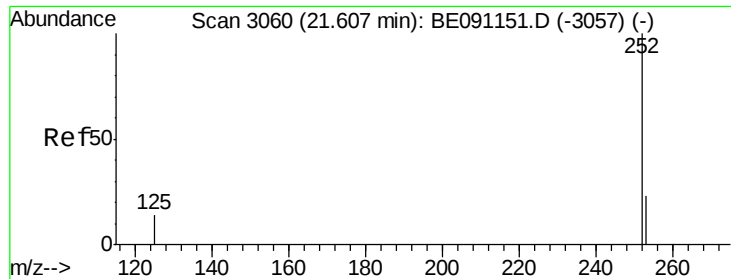
Ion Ratio Lower Upper

252 100

253 44.7 0.0 48.0

125 178.8 0.0 36.6#





#24

Benzo(k)fluoranthene

Concen: 0.06 ng/ul

RT: 21.60 min Scan# 3060

Delta R.T. -0.00 min

Lab File: BE091154.D

Acq: 13 Nov 2015 23:09

Instrument :

BNA_E

ClientSampleId :

D9KN9

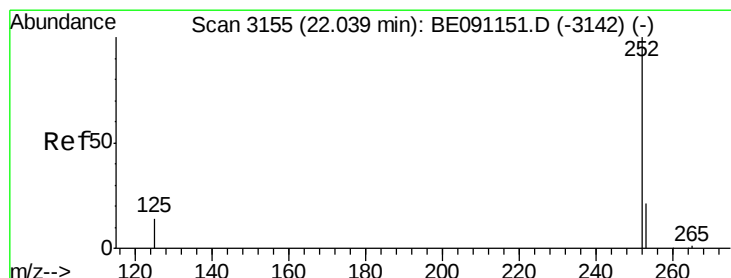
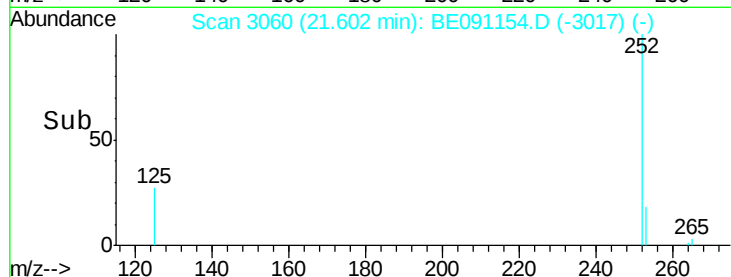
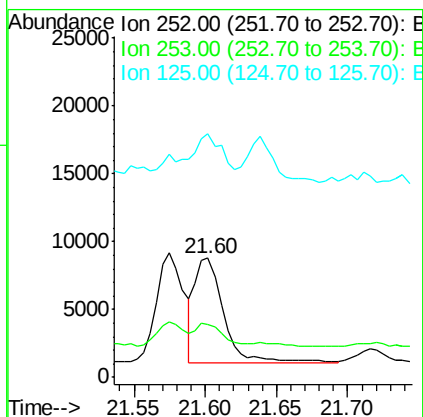
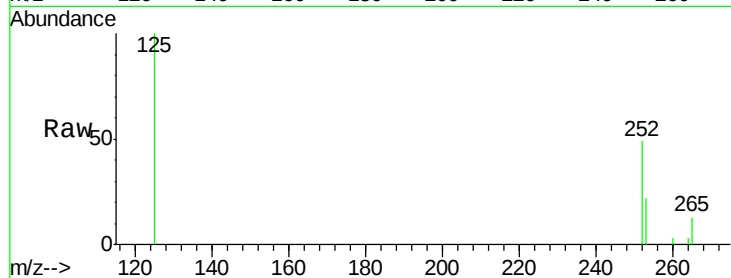
Tot Ion:252 Resp: 10705

Ion Ratio Lower Upper

252 100

253 44.7 20.8 31.2#

125 204.5 12.2 18.4#



#25

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 22.03 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BE091154.D

Acq: 13 Nov 2015 23:09

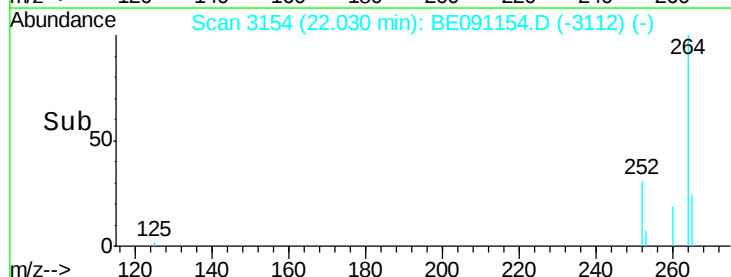
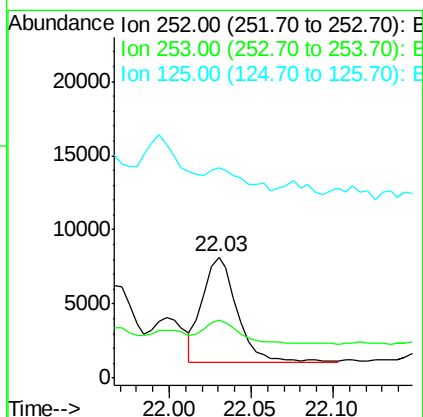
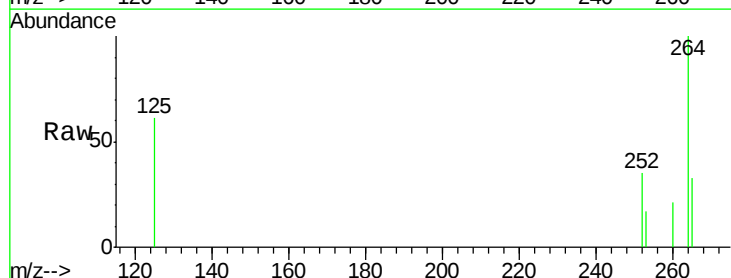
Tgt Ion:252 Resp: 10388

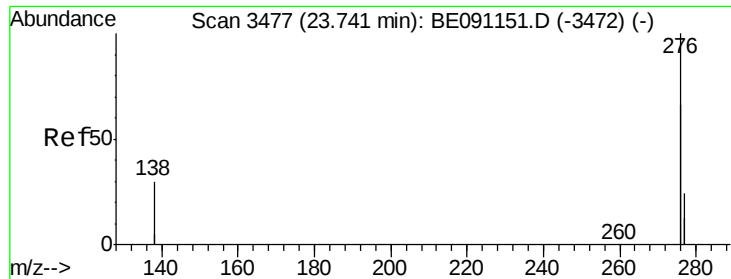
Ion Ratio Lower Upper

252 100

253 47.7 21.8 32.8#

125 173.5 14.5 21.7#





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng/ul

RT: 23.75 min Scan# 3479

Delta R.T. 0.01 min

Lab File: BE091154.D

Acq: 13 Nov 2015 23:09

Instrument :

BNA_E

ClientSampleId :

D9KN9

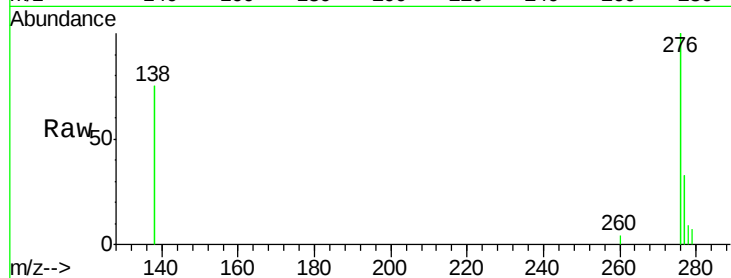
Tot Ion:276 Resp: 25304

Ion Ratio Lower Upper

276 100

138 28.5 27.5 41.3

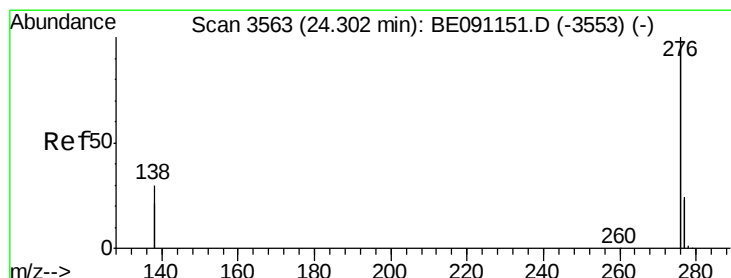
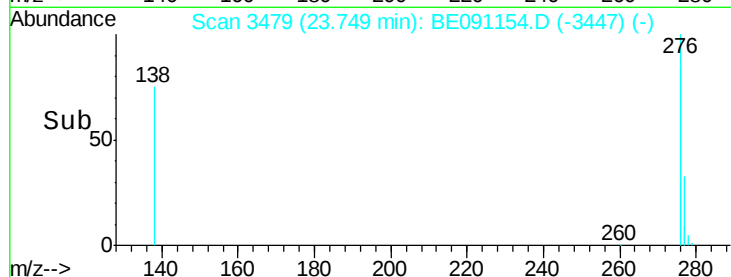
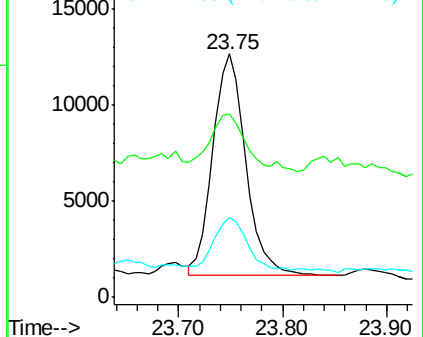
277 22.4 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#28

Benzo(g,h,i)perylene

Concen: 0.04 ng/ul

RT: 24.30 min Scan# 3564

Delta R.T. 0.00 min

Lab File: BE091154.D

Acq: 13 Nov 2015 23:09

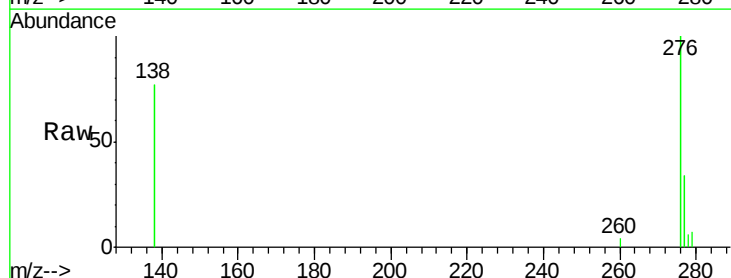
Tgt Ion:276 Resp: 25519

Ion Ratio Lower Upper

276 100

277 33.5 21.3 31.9#

138 77.5 25.5 38.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

