

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
 Data File : BE091305.D
 Acq On : 23 Nov 2015 18:22
 Operator : UM/NP
 Sample : G4322-04DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HR5DL

Quant Time: Nov 24 03:02:07 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 : Tue Nov 24 02:51:08 2015
 Response via : Initial Calibration

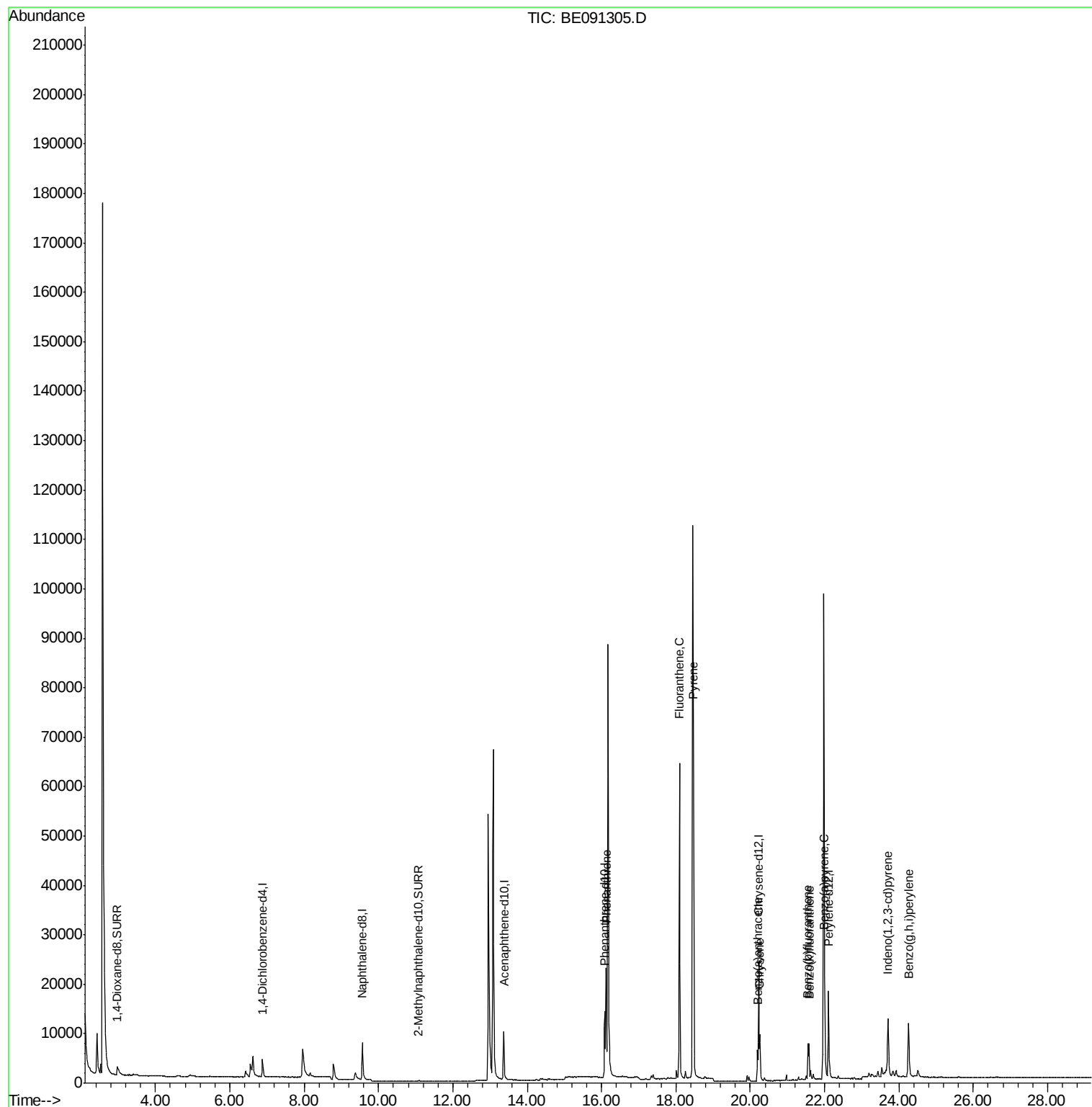
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	1942	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.57	136	10330	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.37	164	5624	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	16532	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	21358	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	20220	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.97	96	2584	1.85	ng/uL	0.02
6) 2-Methylnaphthalene-d10	11.09	152	444	0.03	ng/ul	0.02
16) Fluoranthene-d10	18.07	212	1234	0.03	ng/ul	0.00
Target Compounds				Ovalue		
14) Phenanthrene	16.12	178	28241	0.15	ng/ul	96
17) Fluoranthene	18.10	202	70047	0.31	ng/ul	90
19) Pyrene	18.47	202	68248	0.28	ng/ul#	80
20) Benzo(a)anthracene	20.20	228	5286	0.10	ng/ul	97
21) Chrysene	20.26	228	9461	0.15	ng/ul	97
23) Benzo(b)fluoranthene	21.55	252	7010	0.11	ng/ul	97
24) Benzo(k)fluoranthene	21.58	252	7410	0.11	ng/ul	97
25) Benzo(a)pyrene	22.01	252	7731	0.13	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	23.71	276	17653	0.07	ng/ul#	90
28) Benzo(g,h,i)perylene	24.26	276	18188	0.07	ng/ul	98

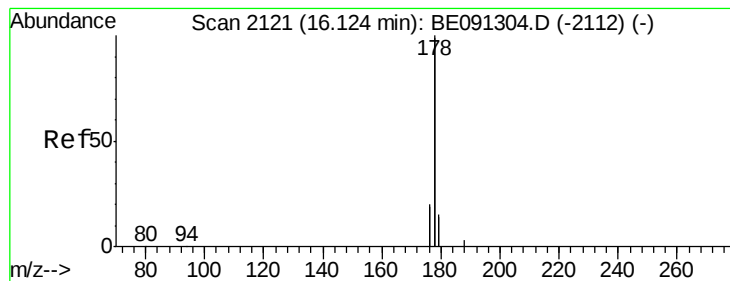
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 0.15 ng/ul

RT: 16.12 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BE091305.D

Acq: 23 Nov 2015 18:22

Instrument :

BNA_E

ClientSampleId :

A4HR5DL

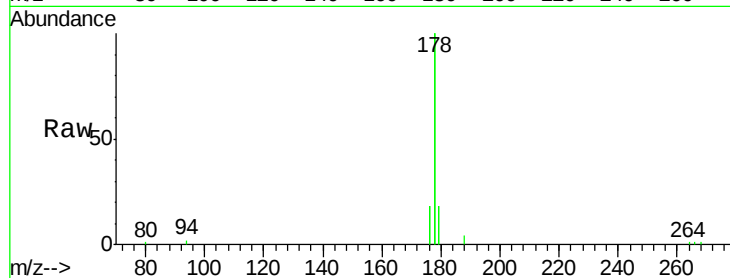
Tot Ion:178 Resp: 28241

Ion Ratio Lower Upper

178 100

176 18.5 16.2 24.4

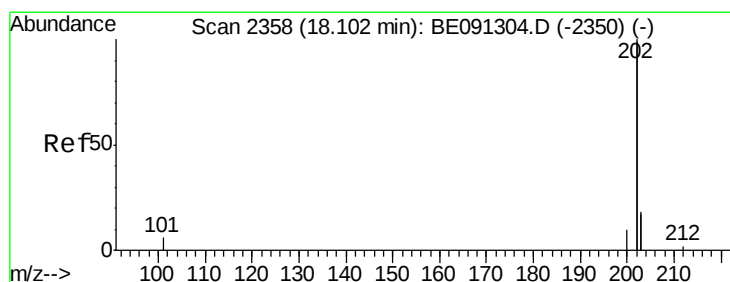
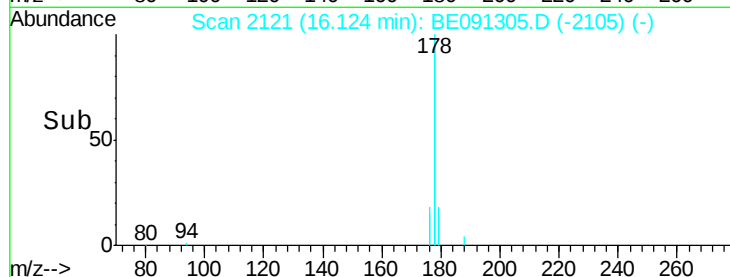
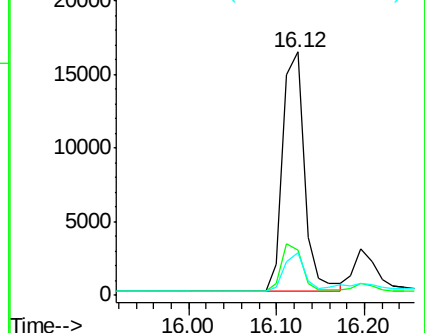
179 17.8 12.8 19.2



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



#17

Fluoranthene

Concen: 0.31 ng/ul

RT: 18.10 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BE091305.D

Acq: 23 Nov 2015 18:22

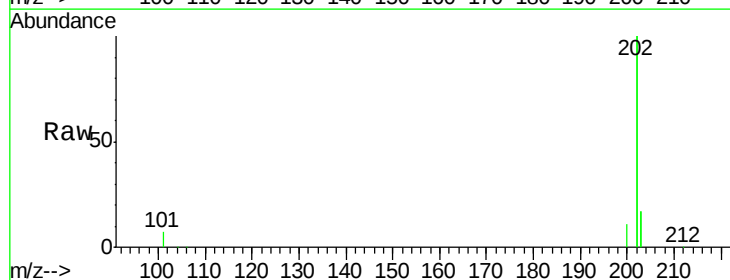
Tgt Ion:202 Resp: 70047

Ion Ratio Lower Upper

202 100

101 3.7 0.0 33.1

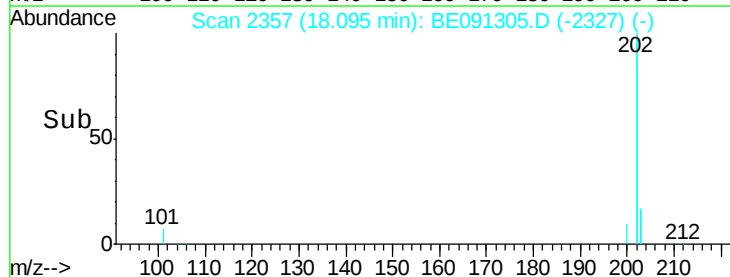
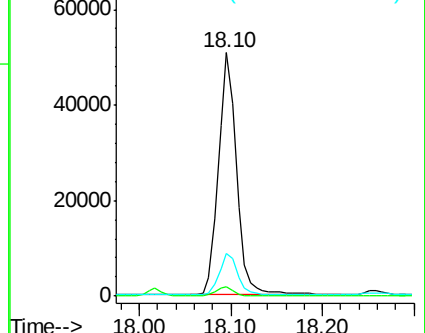
203 17.3 0.0 37.2

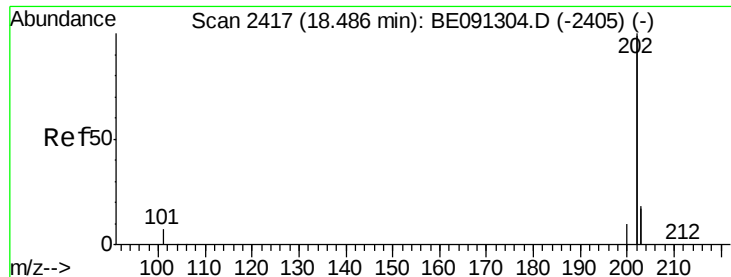


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.28 ng/ul

RT: 18.47 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BE091305.D

Acq: 23 Nov 2015 18:22

Instrument :

BNA_E

ClientSampleId :

A4HR5DL

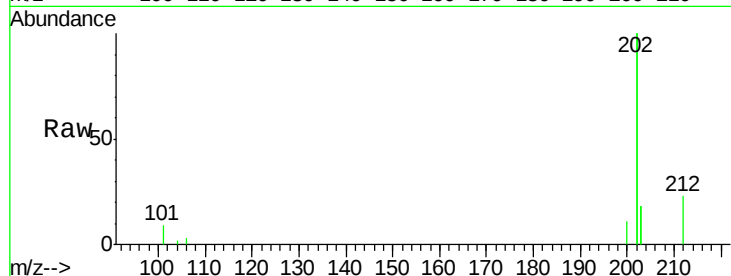
Tot Ion:202 Resp: 68248

Ion Ratio Lower Upper

202 100

200 5.6 18.0 27.0#

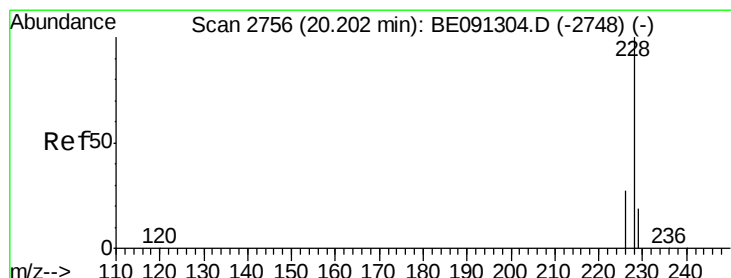
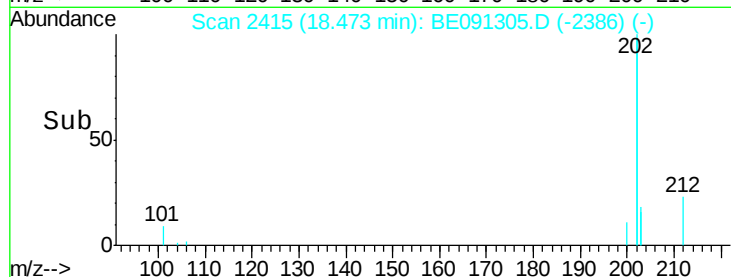
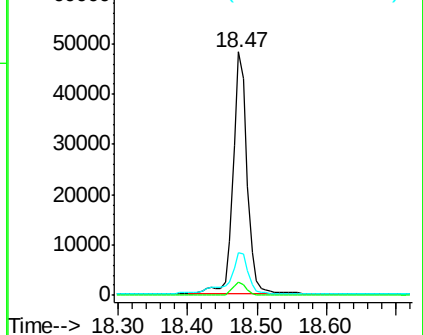
203 17.7 13.8 20.6



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: 0.10 ng/ul

RT: 20.20 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BE091305.D

Acq: 23 Nov 2015 18:22

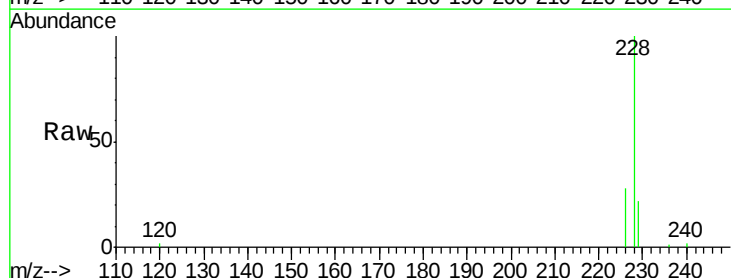
Tgt Ion:228 Resp: 5286

Ion Ratio Lower Upper

228 100

226 28.1 23.0 34.4

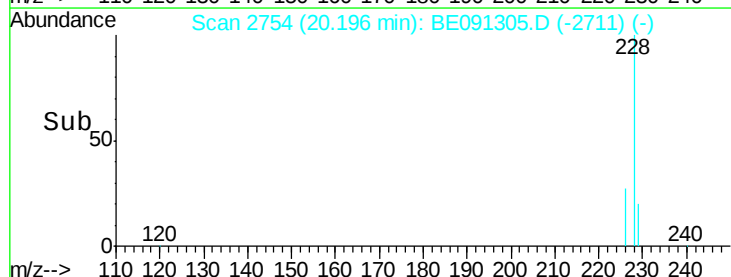
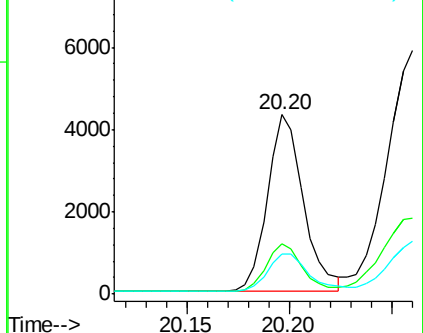
229 22.2 15.2 22.8

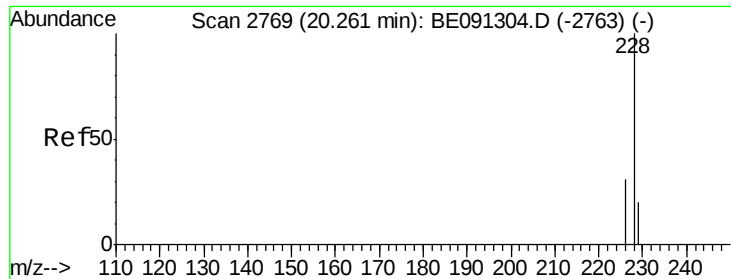


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.15 ng/ul

RT: 20.26 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BE091305.D

Acq: 23 Nov 2015 18:22

Instrument :

BNA_E

ClientSampleId :

A4HR5DL

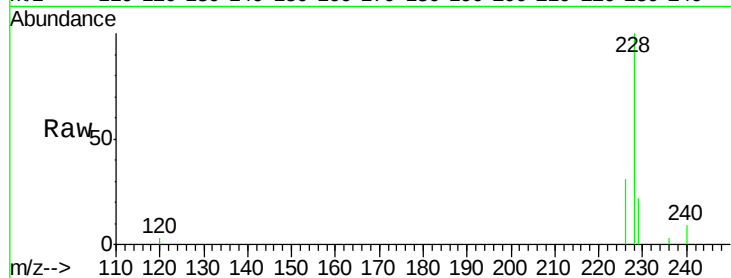
Tot Ion:228 Resp: 9461

Ion Ratio Lower Upper

228 100

226 31.0 25.7 38.5

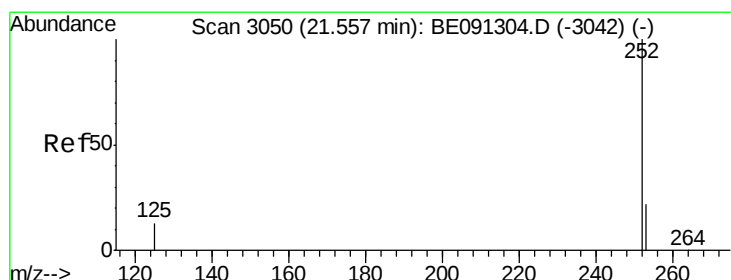
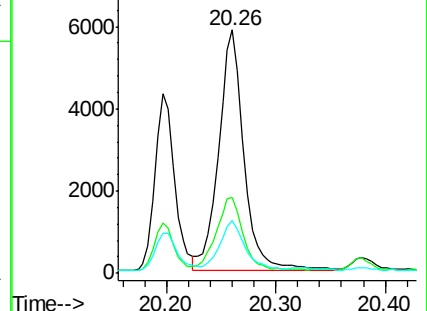
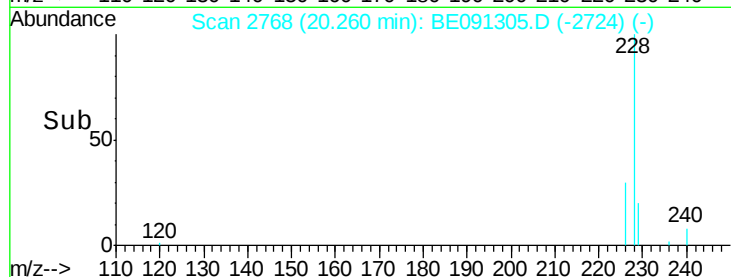
229 21.6 15.2 22.8



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: 0.11 ng/ul

RT: 21.55 min Scan# 3048

Delta R.T. -0.00 min

Lab File: BE091305.D

Acq: 23 Nov 2015 18:22

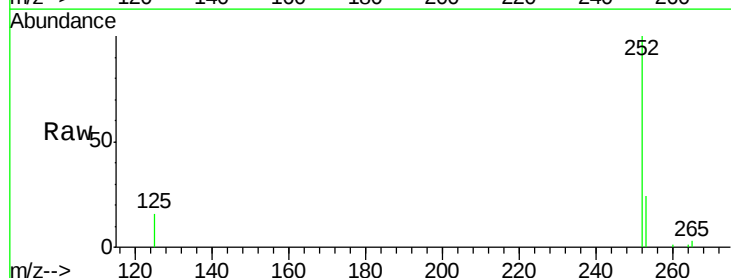
Tgt Ion:252 Resp: 7010

Ion Ratio Lower Upper

252 100

253 23.6 0.0 48.0

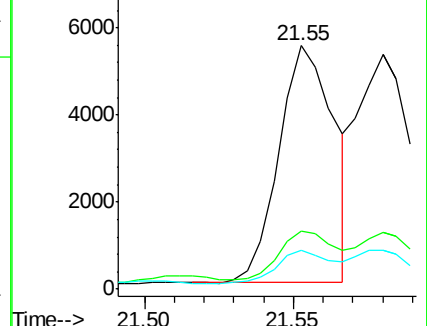
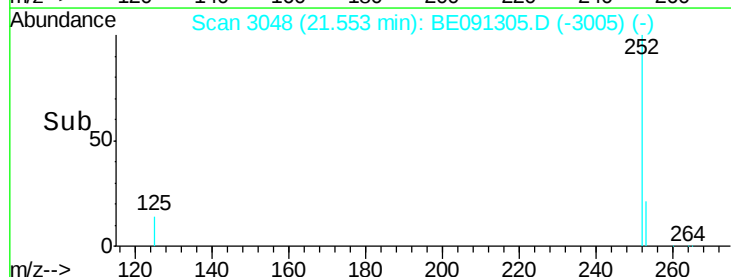
125 15.7 0.0 36.6

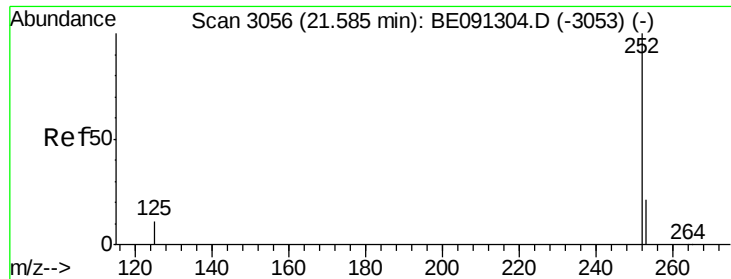


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.11 ng/ul

RT: 21.58 min Scan# 3054

Delta R.T. -0.00 min

Lab File: BE091305.D

Acq: 23 Nov 2015 18:22

Instrument :

BNA_E

ClientSampleId :

A4HR5DL

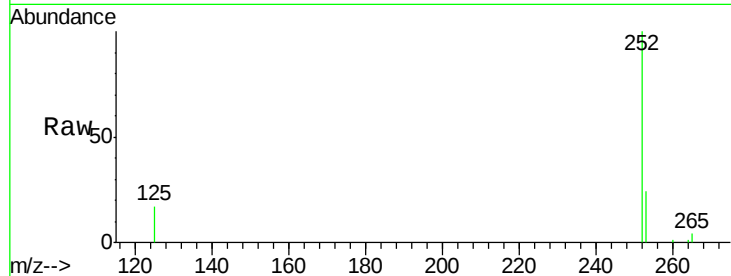
Tot Ion:252 Resp: 7410

Ion Ratio Lower Upper

252 100

253 24.3 20.8 31.2

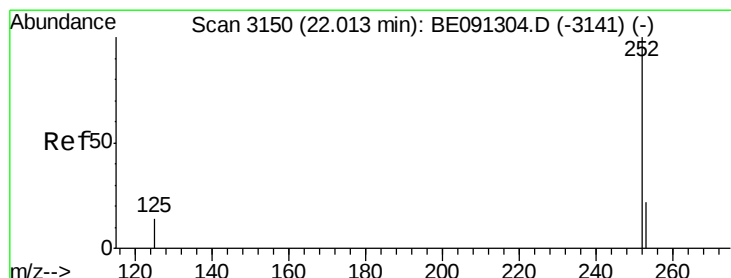
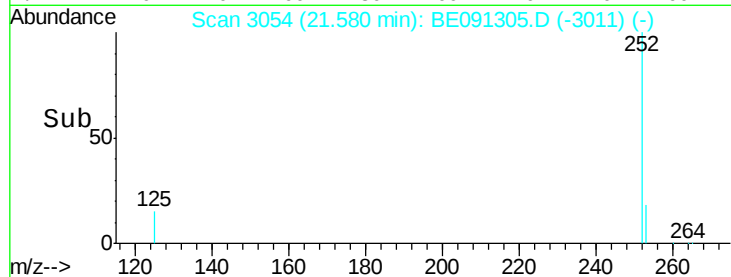
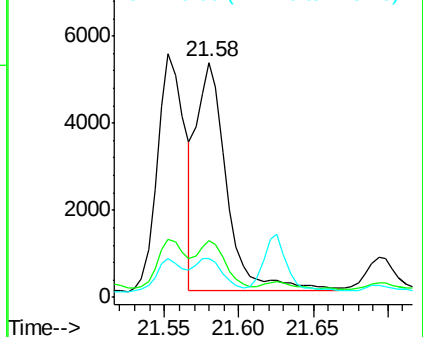
125 16.7 12.2 18.4



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: 0.13 ng/ul

RT: 22.01 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BE091305.D

Acq: 23 Nov 2015 18:22

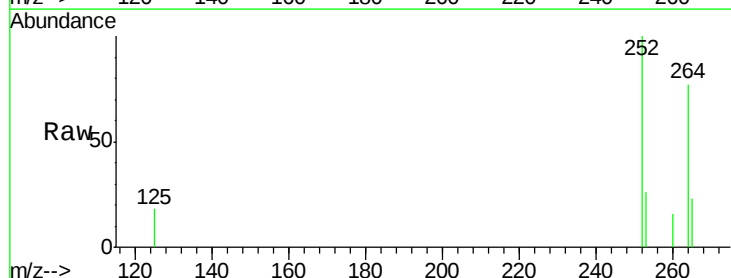
Tgt Ion:252 Resp: 7731

Ion Ratio Lower Upper

252 100

253 25.8 21.8 32.8

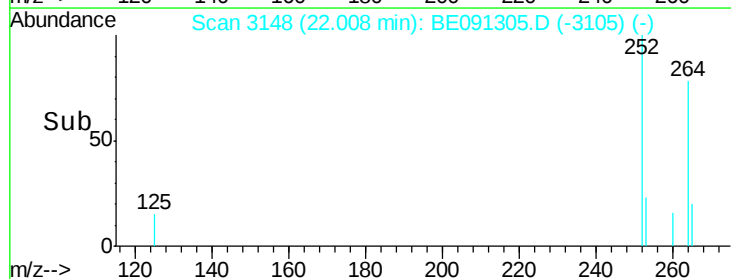
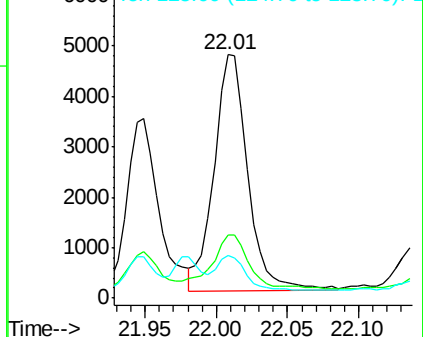
125 17.7 14.5 21.7

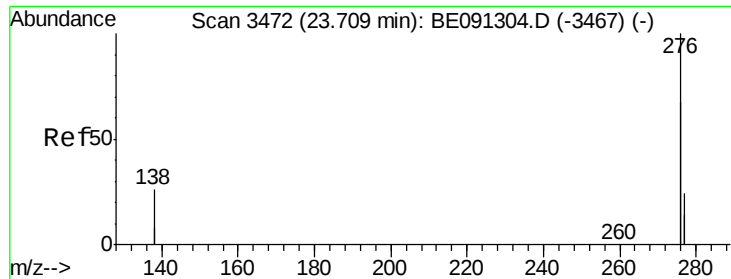


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

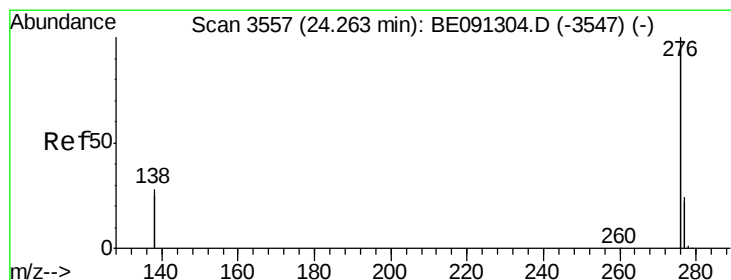
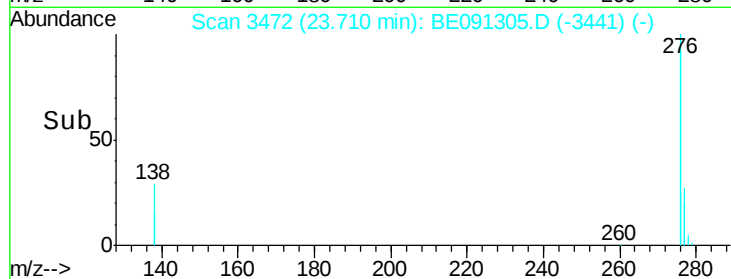
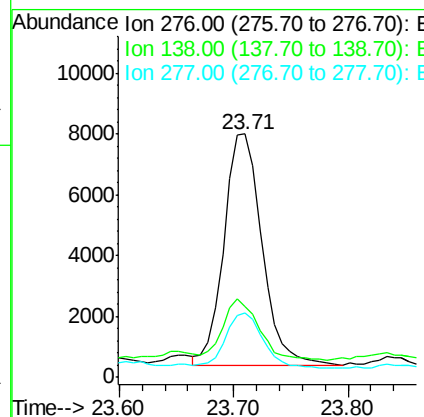
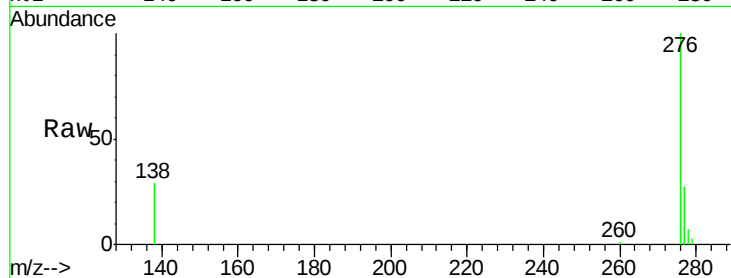




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.07 ng/ul
 RT: 23.71 min Scan# 3472
 Delta R.T. 0.00 min
 Lab File: BE091305.D
 Acq: 23 Nov 2015 18:22

Instrument :
 BNA_E
 ClientSampleID :
 A4HR5DL

Tot Ion:276 Resp: 17653
 Ion Ratio Lower Upper
 276 100
 138 25.2 27.5 41.3#
 277 23.5 19.3 28.9



#28
 Benzo(g,h,i)perylene
 Concen: 0.07 ng/ul
 RT: 24.26 min Scan# 3556
 Delta R.T. -0.01 min
 Lab File: BE091305.D
 Acq: 23 Nov 2015 18:22

Tgt Ion:276 Resp: 18188
 Ion Ratio Lower Upper
 276 100
 277 26.8 21.3 31.9
 138 34.1 25.5 38.3

