

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111115\
 Data File : BE091148.D
 Acq On : 12 Nov 2015 17:04
 Operator : UM/NP
 Sample : G4322-22
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HT1

Quant Time: Nov 13 15:24:13 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 13 13:56:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3254	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	18657	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11201	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	542948	0.40	ng/ul	0.08
18) Chrysene-d12	20.29	240	36574	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	38448	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	2.92	96	10434	4.46	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	2787	0.11	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	5570	0.00	ng/ul	0.00

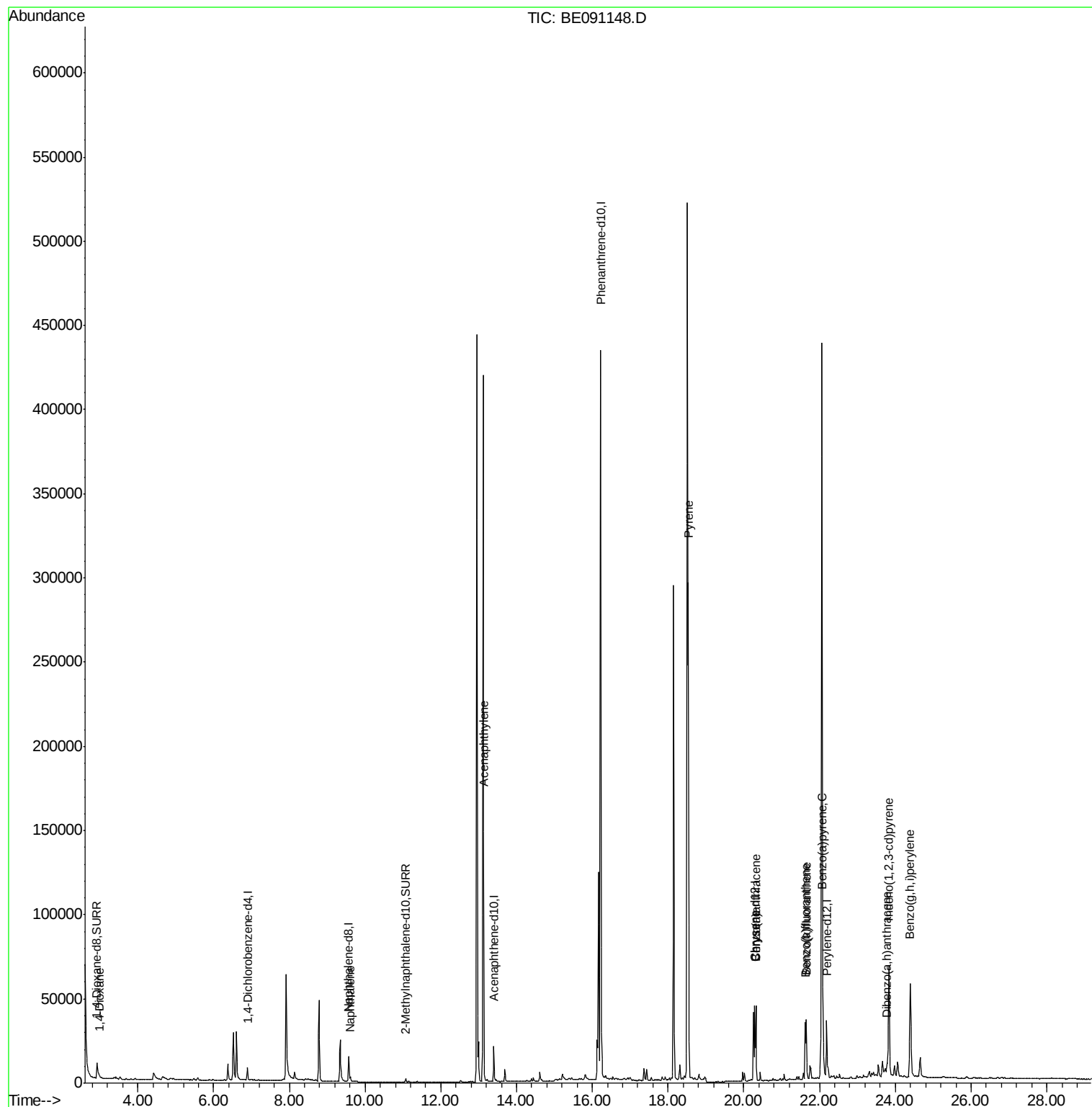
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	2.99	88	118	0.04	ng/ul#	1
5) Naphthalene	9.61	128	3306	0.07	ng/ul#	93
9) Acenaphthylene	13.14	152	3684	0.07	ng/ul	95
19) Pyrene	18.53	202	280631	0.68	ng/ul#	80
20) Benzo(a)anthracene	20.32	228	41147	0.44	ng/ul	96
21) Chrysene	20.32	228	41405	0.38	ng/ul	96
23) Benzo(b)fluoranthene	21.62	252	36978	0.31	ng/ul	96
24) Benzo(k)fluoranthene	21.65	252	31810	0.26	ng/ul	95
25) Benzo(a)pyrene	22.09	252	34778	0.31	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	23.83	276	100665	0.22	ng/ul#	87
27) Dibenzo(a,h)anthracene	23.79	278	5709	0.05	ng/ul#	71
28) Benzo(g,h,i)perylene	24.39	276	91159	0.19	ng/ul	99

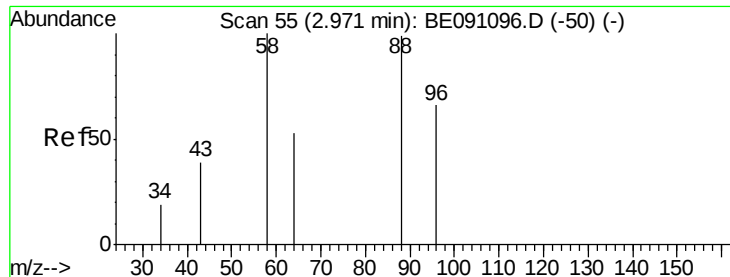
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.04 ng/ul

RT: 2.99 min Scan# 58

Delta R.T. 0.02 min

Lab File: BE091148.D

Acq: 12 Nov 2015 17:04

Instrument :

BNA_E

ClientSampleId :

A4HT1

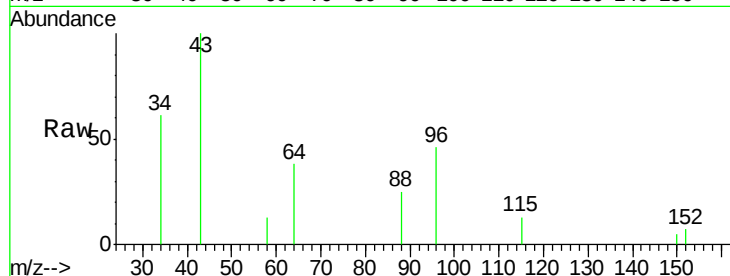
Tgt Ion: 88 Resp: 118

Ion Ratio Lower Upper

88 100

58 44.9 55.4 83.2#

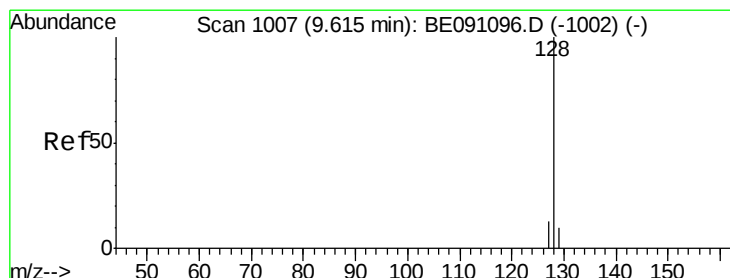
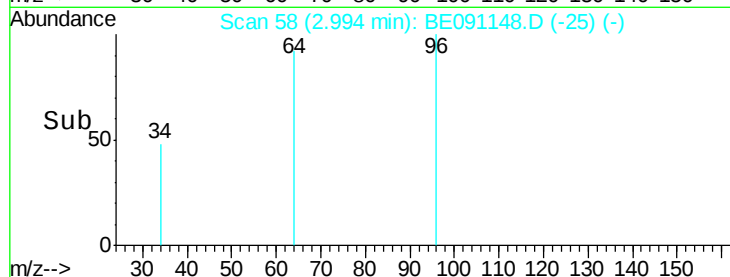
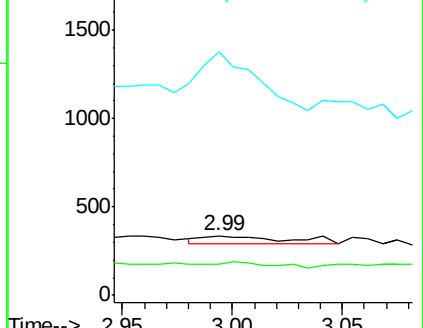
43 509.3 24.2 36.2#



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: 0.07 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091148.D

Acq: 12 Nov 2015 17:04

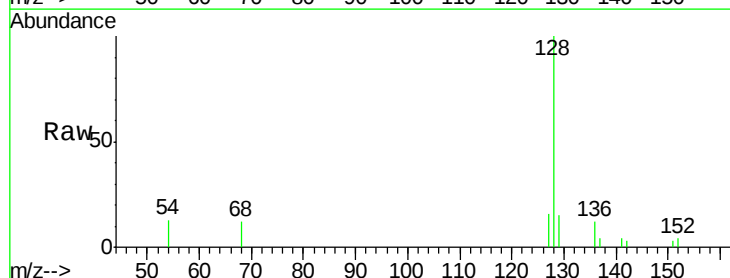
Tgt Ion: 128 Resp: 3306

Ion Ratio Lower Upper

128 100

129 15.5 9.8 14.8#

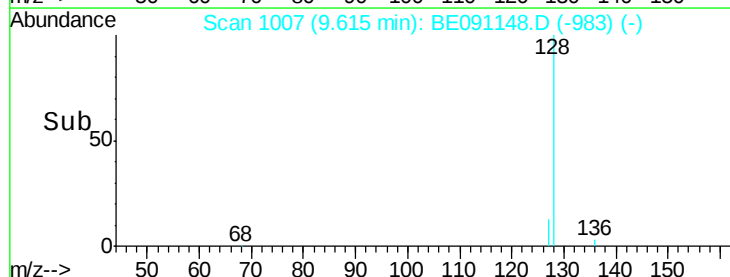
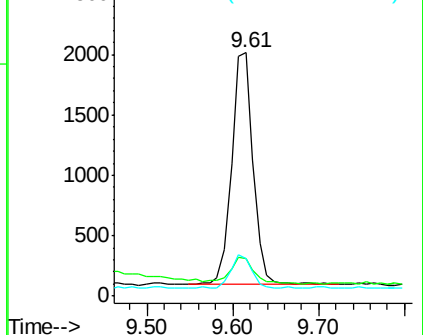
127 15.6 10.7 16.1

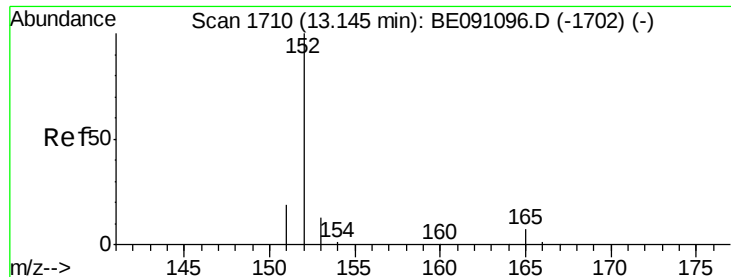


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#9

Acenaphthylene

Concen: 0.07 ng/ul

RT: 13.14 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BE091148.D

Acq: 12 Nov 2015 17:04

Instrument :

BNA_E

ClientSampleId :

A4HT1

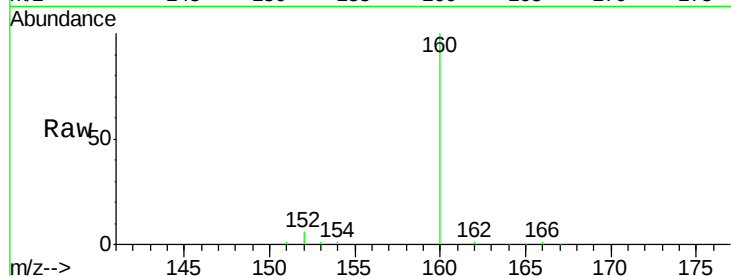
Tgt Ion:152 Resp: 3684

Ion Ratio Lower Upper

152 100

151 23.9 16.8 25.2

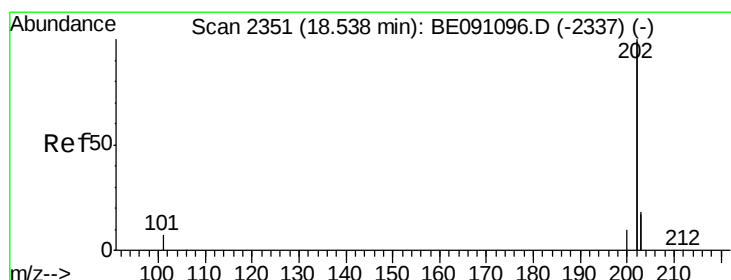
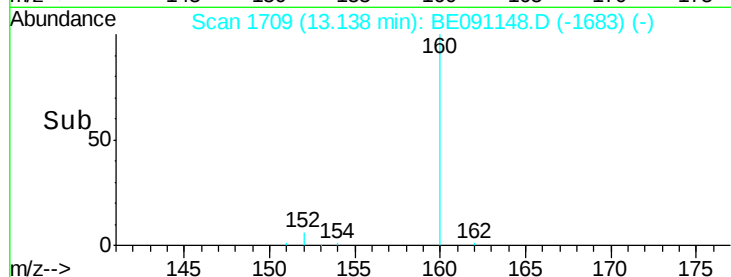
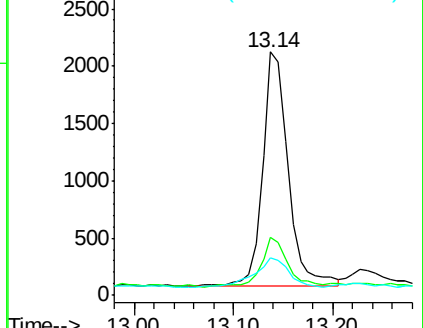
153 15.3 11.3 16.9



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



#19

Pyrene

Concen: 0.68 ng/ul

RT: 18.53 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BE091148.D

Acq: 12 Nov 2015 17:04

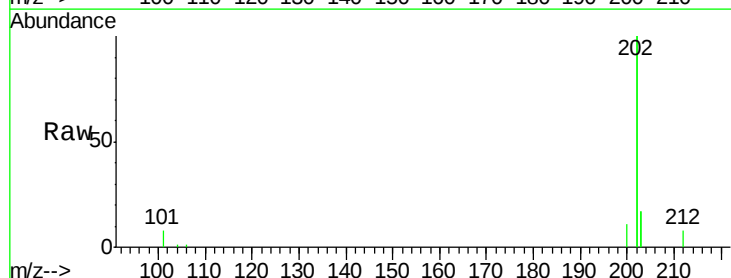
Tgt Ion:202 Resp: 280631

Ion Ratio Lower Upper

202 100

200 5.4 18.0 27.0#

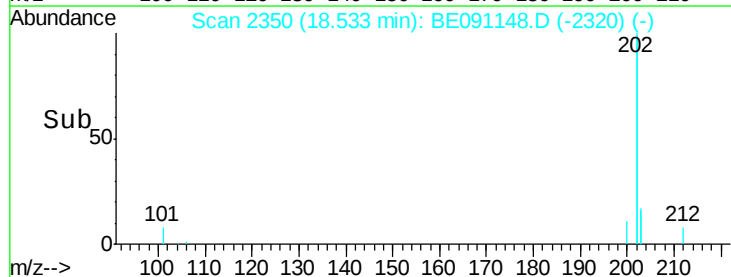
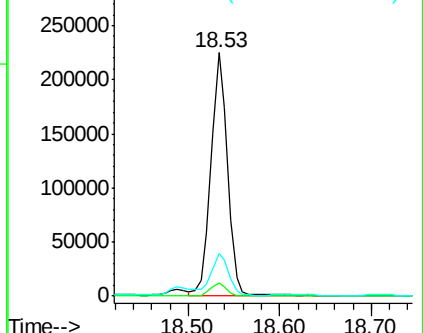
203 17.5 13.8 20.6

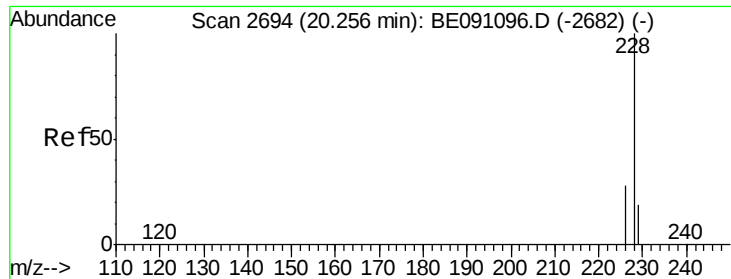


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.44 ng/ul

RT: 20.32 min Scan# 2707

Delta R.T. 0.06 min

Lab File: BE091148.D

Acq: 12 Nov 2015 17:04

Instrument :

BNA_E

ClientSampleId :

A4HT1

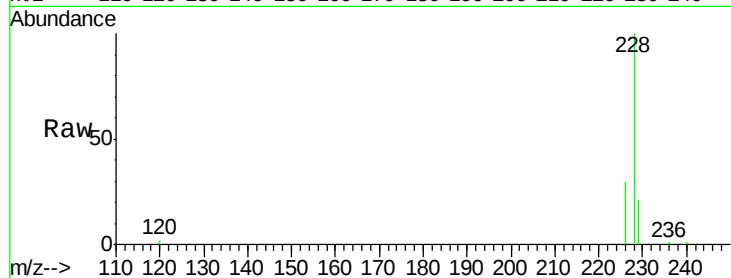
Tgt Ion:228 Resp: 41147

Ion Ratio Lower Upper

228 100

226 30.5 23.0 34.4

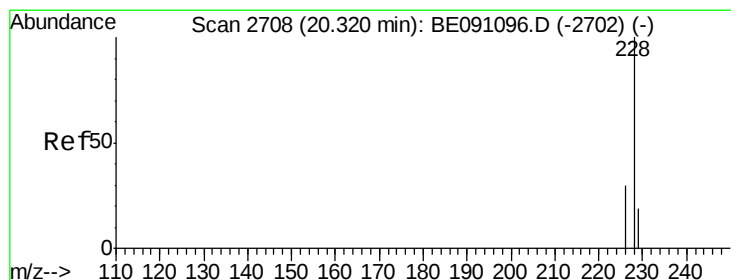
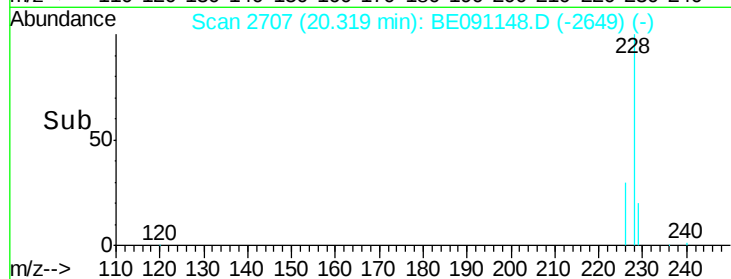
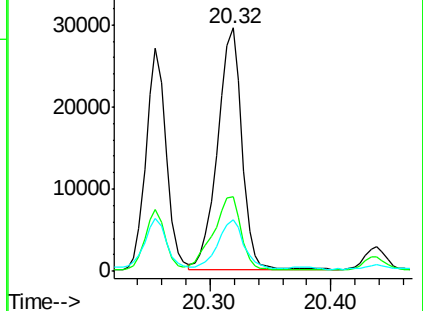
229 21.3 15.2 22.8



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



#21

Chrysene

Concen: 0.38 ng/ul

RT: 20.32 min Scan# 2707

Delta R.T. -0.00 min

Lab File: BE091148.D

Acq: 12 Nov 2015 17:04

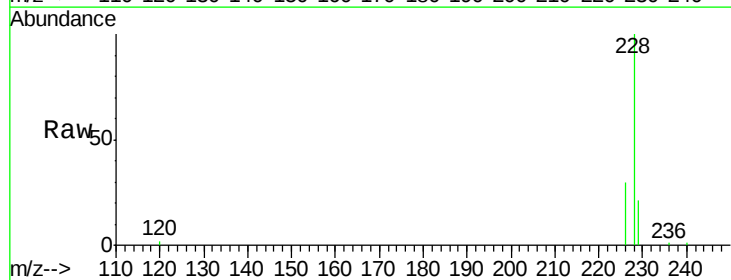
Tgt Ion:228 Resp: 41405

Ion Ratio Lower Upper

228 100

226 30.5 25.7 38.5

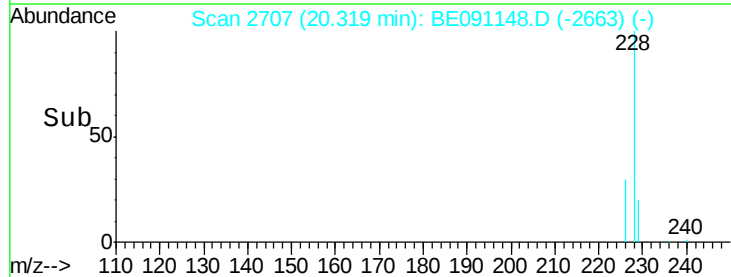
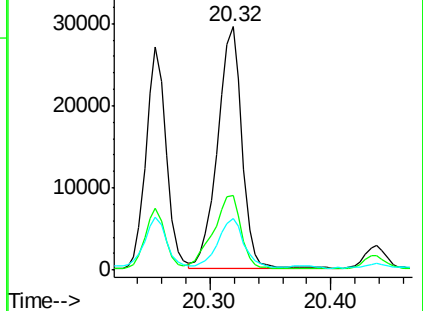
229 21.3 15.2 22.8

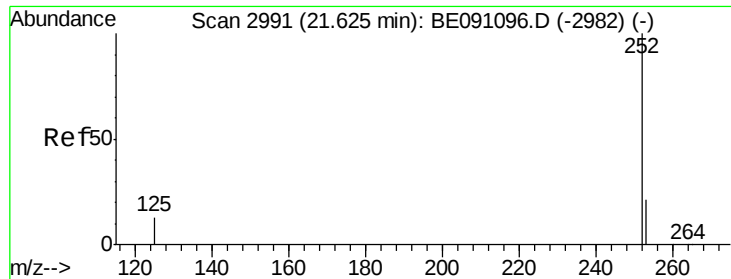


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.31 ng/u1

RT: 21.62 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE091148.D

Acq: 12 Nov 2015 17:04

Instrument :

BNA_E

ClientSampleId :

A4HT1

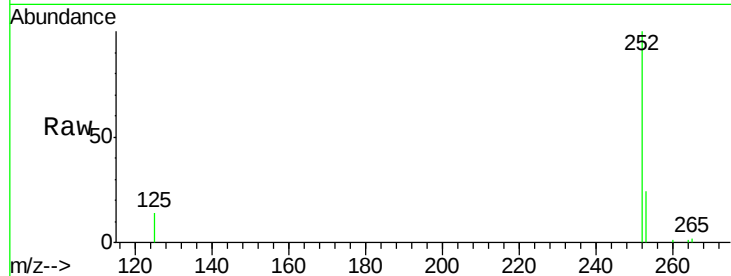
Tgt Ion:252 Resp: 36978

Ion Ratio Lower Upper

252 100

253 24.4 0.0 48.0

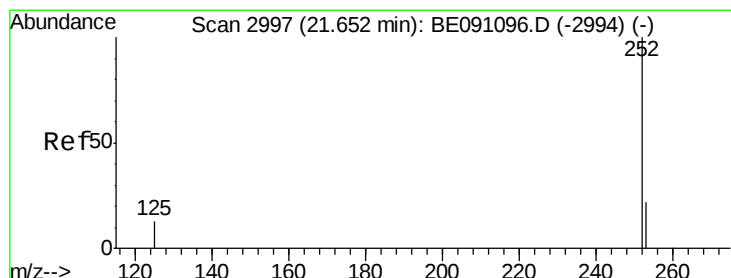
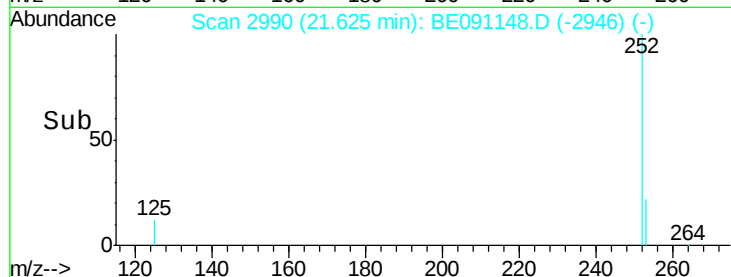
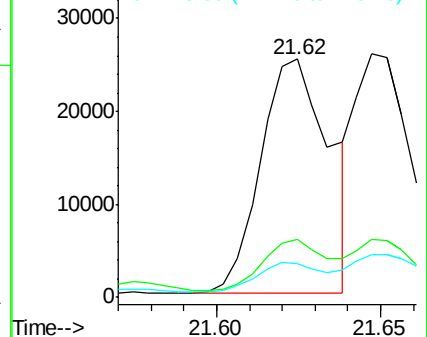
125 14.3 0.0 36.6



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: 0.26 ng/u1

RT: 21.65 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BE091148.D

Acq: 12 Nov 2015 17:04

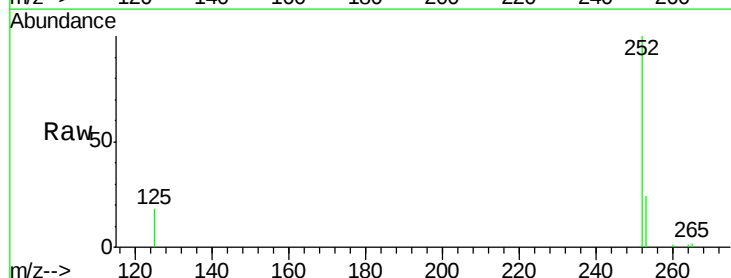
Tgt Ion:252 Resp: 31810

Ion Ratio Lower Upper

252 100

253 23.9 20.8 31.2

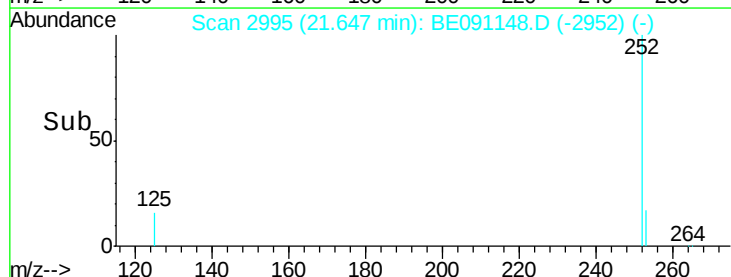
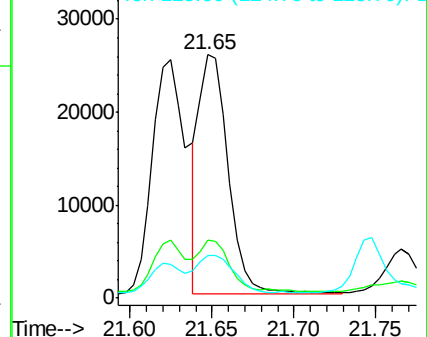
125 17.5 12.2 18.4

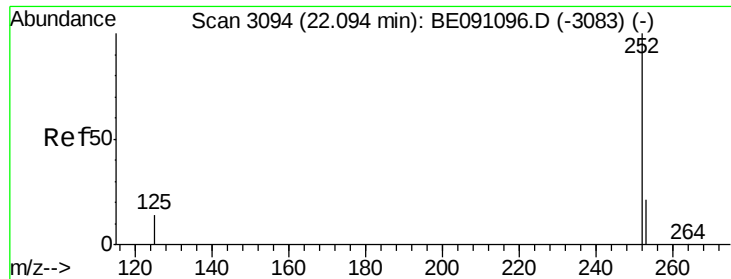


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.31 ng/ul

RT: 22.09 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BE091148.D

Acq: 12 Nov 2015 17:04

Instrument :

BNA_E

ClientSampleId :

A4HT1

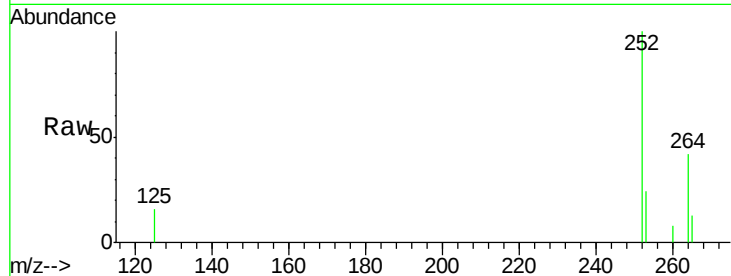
Tgt Ion:252 Resp: 34778

Ion Ratio Lower Upper

252 100

253 23.9 21.8 32.8

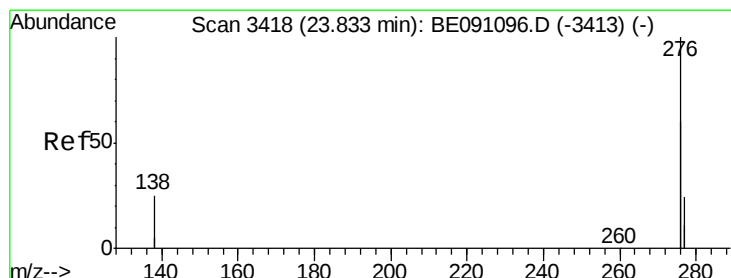
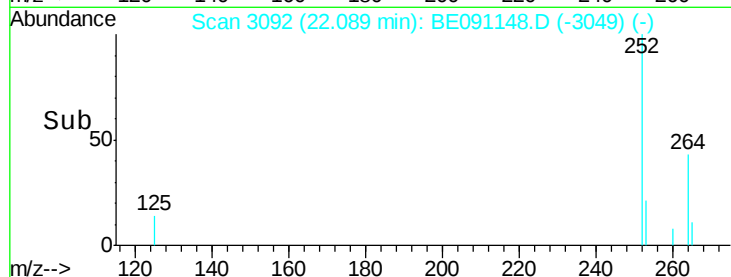
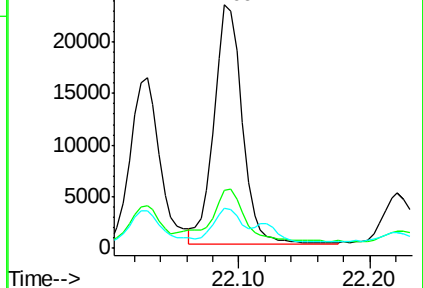
125 16.3 14.5 21.7



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: 0.22 ng/ul

RT: 23.83 min Scan# 3417

Delta R.T. -0.00 min

Lab File: BE091148.D

Acq: 12 Nov 2015 17:04

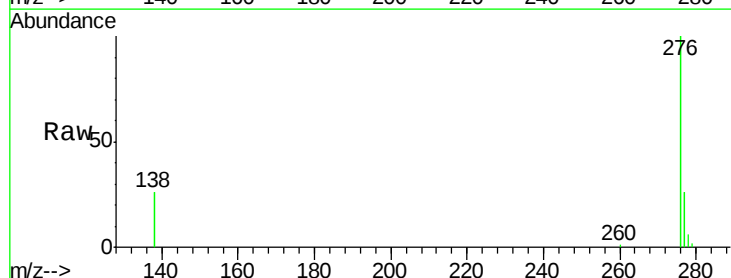
Tgt Ion:276 Resp: 100665

Ion Ratio Lower Upper

276 100

138 22.0 27.5 41.3#

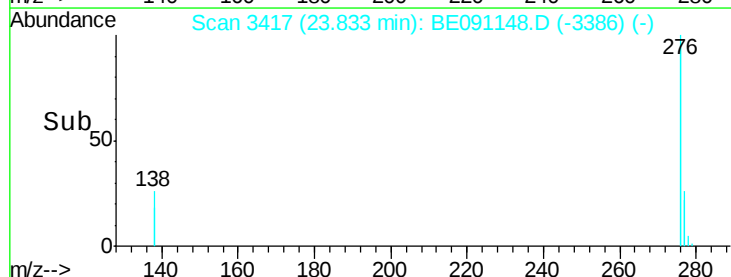
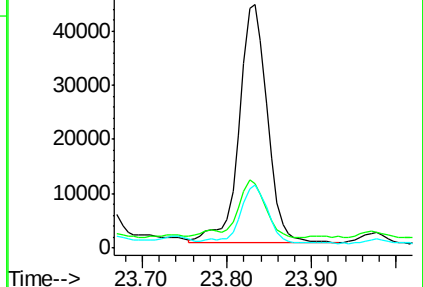
277 23.9 19.3 28.9

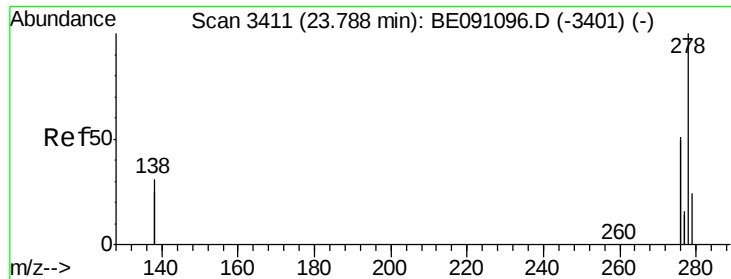


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

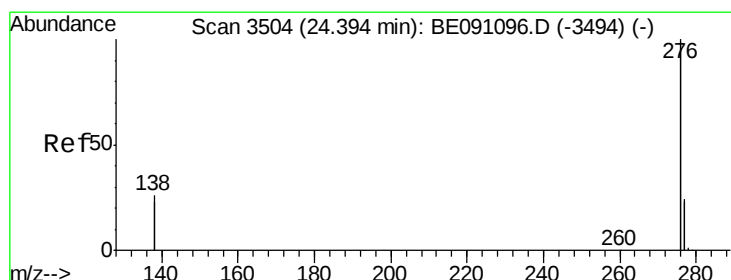
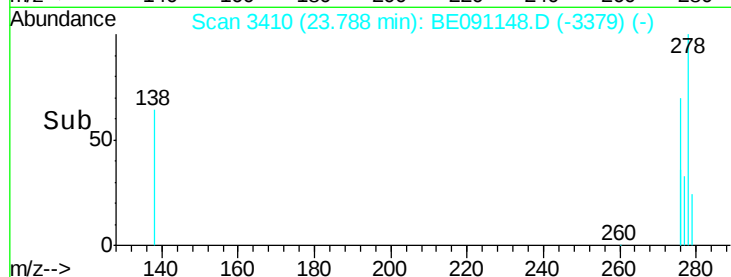
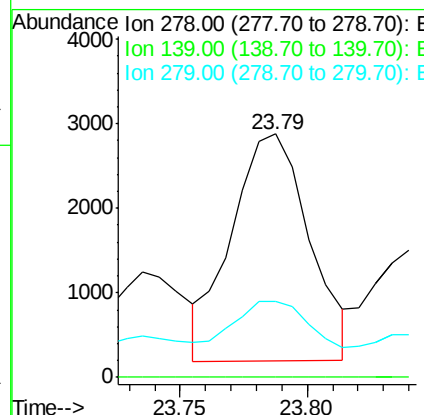
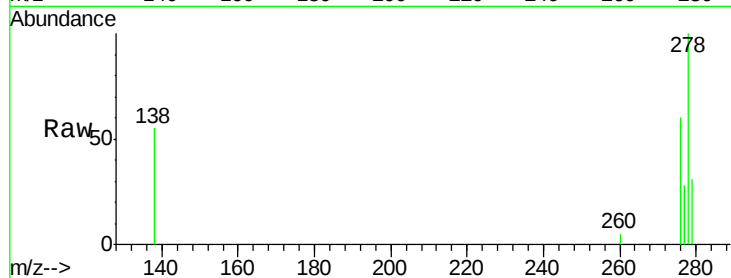




#27
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 23.79 min Scan# 3410
Delta R.T. -0.00 min
Lab File: BE091148.D
Acq: 12 Nov 2015 17:04

Instrument :
BNA_E
ClientSampleId :
A4HT1

Tgt Ion: 278 Resp: 5709
Ion Ratio Lower Upper
278 100
139 0.0 21.7 32.5#
279 31.0 21.9 32.9



#28
Benzo(g,h,i)perylene
Concen: 0.19 ng/ul
RT: 24.39 min Scan# 3503
Delta R.T. -0.00 min
Lab File: BE091148.D
Acq: 12 Nov 2015 17:04

Tgt Ion: 276 Resp: 91159
Ion Ratio Lower Upper
276 100
277 26.2 21.3 31.9
138 31.4 25.5 38.3

