

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111115\
 Data File : BE091145.D
 Acq On : 12 Nov 2015 15:13
 Operator : UM/NP
 Sample : G4322-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HT0

Quant Time: Nov 13 15:23:49 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

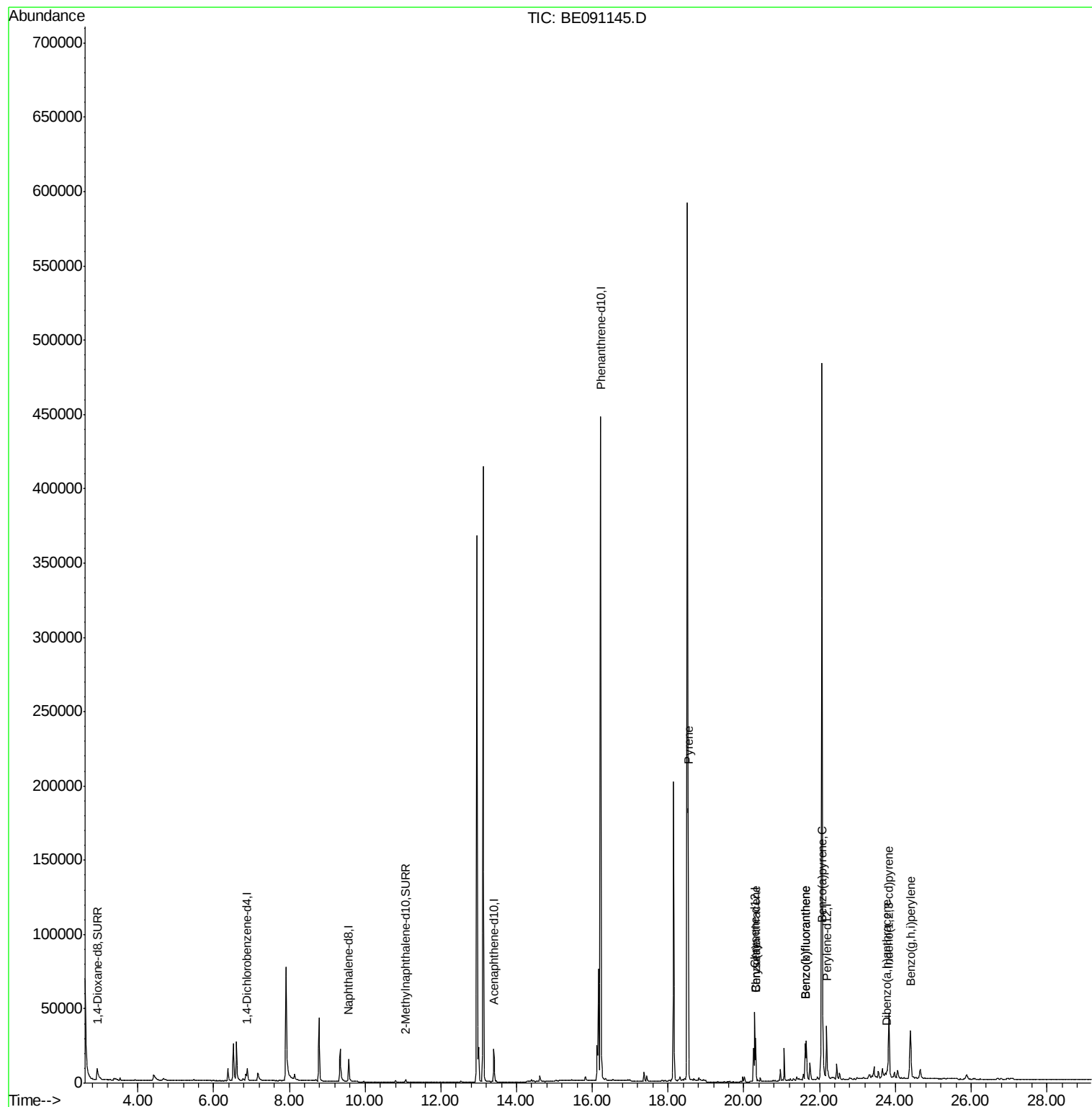
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3343	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	18996	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11430	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	568272	0.40	ng/ul	0.08
18) Chrysene-d12	20.28	240	37444	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	40082	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	9010	3.75	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	2931	0.11	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	6274	0.00	ng/ul	0.00
Target Compounds						
						Qvalue
19) Pyrene	18.53	202	172774	0.41	ng/ul#	79
20) Benzo(a)anthracene	20.32	228	26995	0.28	ng/ul	96
21) Chrysene	20.32	228	27205	0.25	ng/ul	98
23) Benzo(b)fluoranthene	21.62	252	23464	0.19	ng/ul	98
24) Benzo(k)fluoranthene	21.62	252	23464	0.18	ng/ul	97
25) Benzo(a)pyrene	22.09	252	21197	0.18	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	23.83	276	64028	0.13	ng/ul#	89
27) Dibenzo(a,h)anthracene	23.79	278	3749	0.03	ng/ul#	65
28) Benzo(g,h,i)perylene	24.40	276	53095	0.10	ng/ul	99

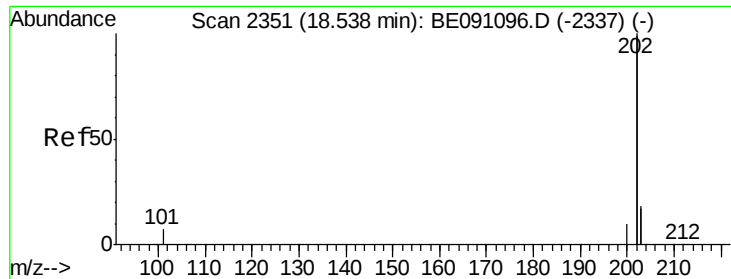
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration





#19

Pyrene

Concen: 0.41 ng/ul

RT: 18.53 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BE091145.D

Acq: 12 Nov 2015 15:13

Instrument :

BNA_E

ClientSampleId :

A4HT0

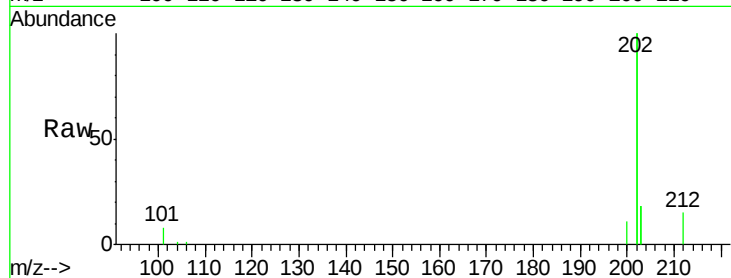
Tgt Ion:202 Resp: 172774

Ion Ratio Lower Upper

202 100

200 5.4 18.0 27.0#

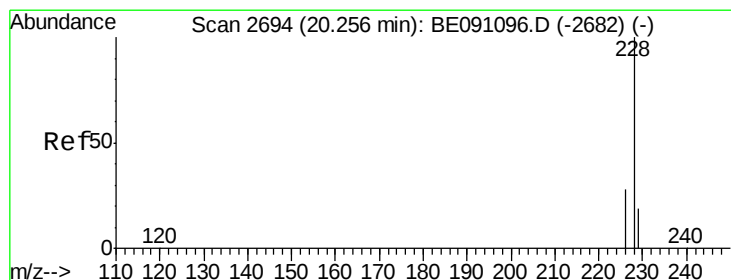
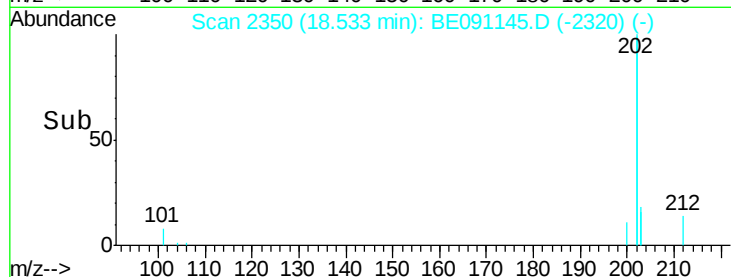
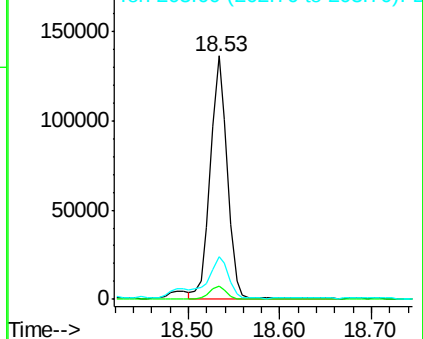
203 17.6 13.8 20.6



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: 0.28 ng/ul

RT: 20.32 min Scan# 2706

Delta R.T. 0.06 min

Lab File: BE091145.D

Acq: 12 Nov 2015 15:13

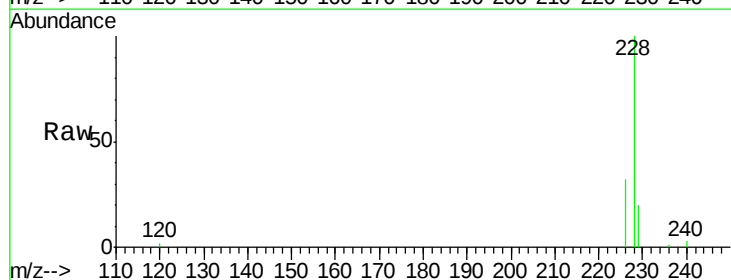
Tgt Ion:228 Resp: 26995

Ion Ratio Lower Upper

228 100

226 31.6 23.0 34.4

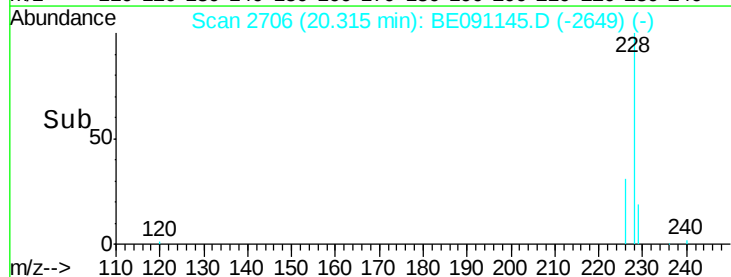
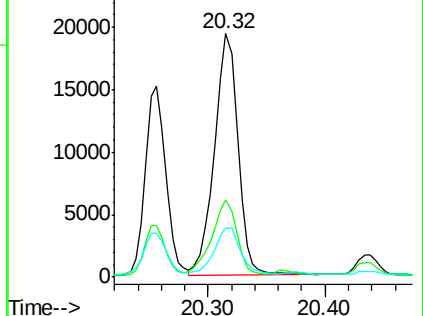
229 20.3 15.2 22.8

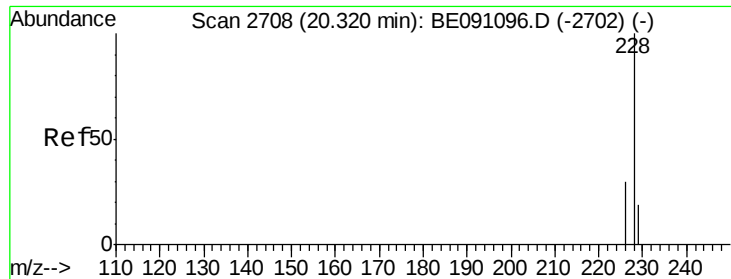


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.25 ng/ul

RT: 20.32 min Scan# 2706

Delta R.T. -0.00 min

Lab File: BE091145.D

Acq: 12 Nov 2015 15:13

Instrument :

BNA_E

ClientSampleId :

A4HT0

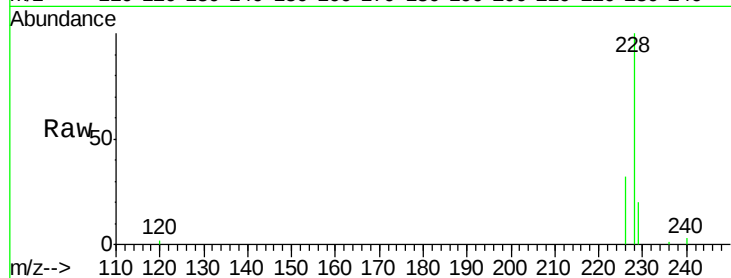
Tgt Ion:228 Resp: 27205

Ion Ratio Lower Upper

228 100

226 31.6 25.7 38.5

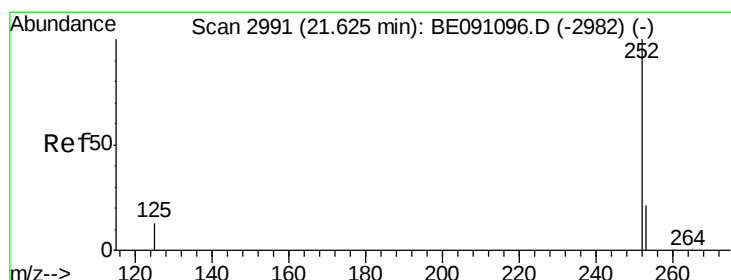
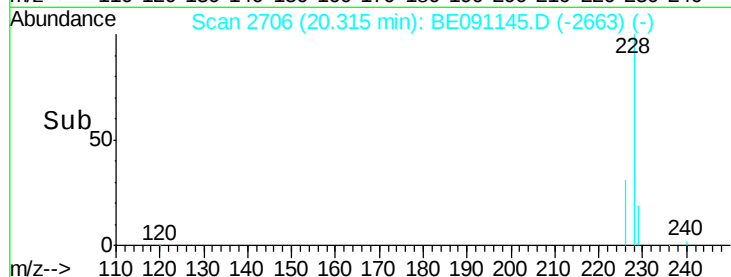
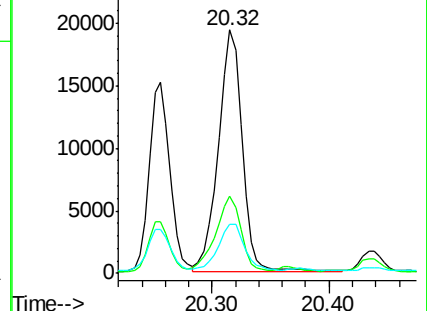
229 20.3 15.2 22.8



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: 0.19 ng/ul

RT: 21.62 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BE091145.D

Acq: 12 Nov 2015 15:13

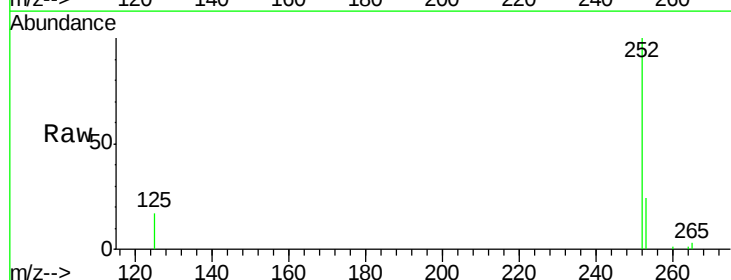
Tgt Ion:252 Resp: 23464

Ion Ratio Lower Upper

252 100

253 24.2 0.0 48.0

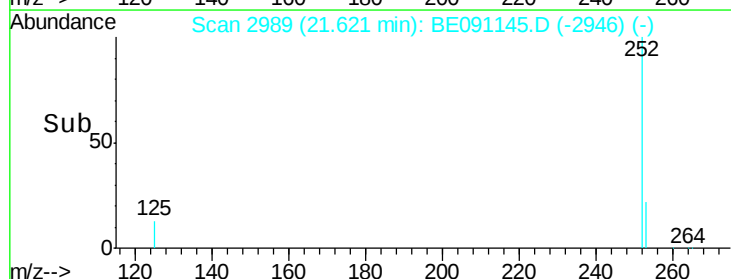
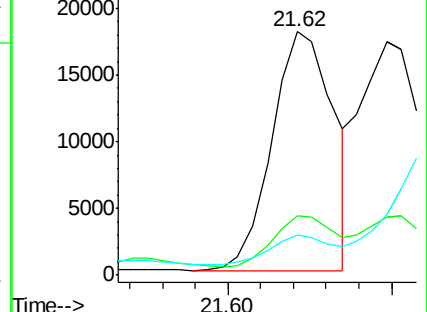
125 16.5 0.0 36.6

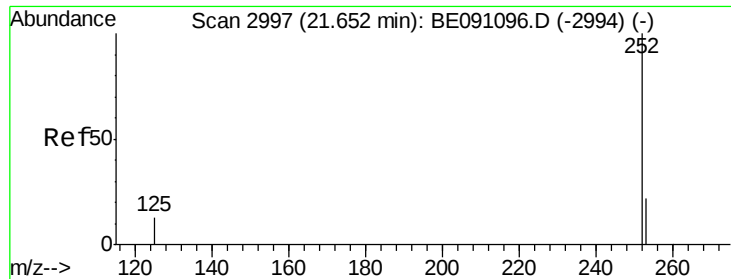


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.18 ng/ul

RT: 21.62 min Scan# 2989

Delta R.T. -0.03 min

Lab File: BE091145.D

Acq: 12 Nov 2015 15:13

Instrument :

BNA_E

ClientSampleId :

A4HT0

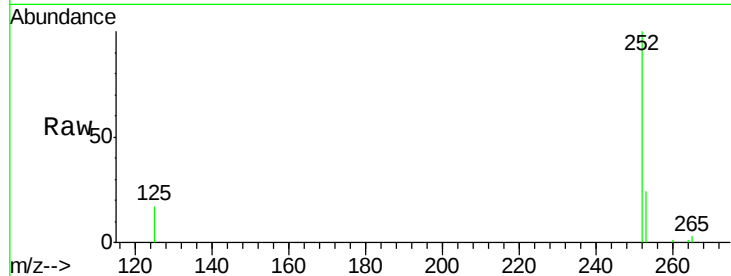
Tgt Ion:252 Resp: 23464

Ion Ratio Lower Upper

252 100

253 24.2 20.8 31.2

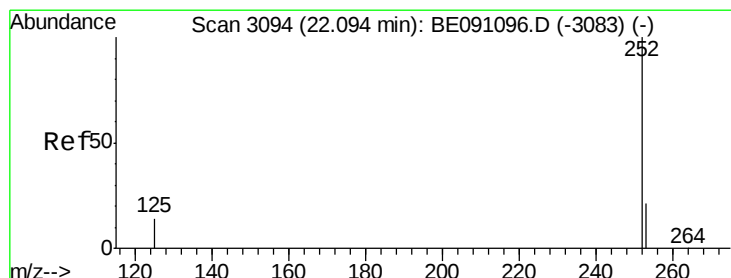
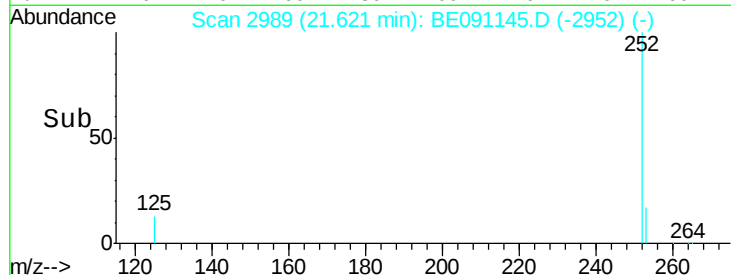
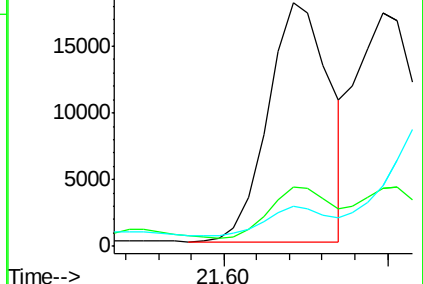
125 16.5 12.2 18.4



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: 0.18 ng/ul

RT: 22.09 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BE091145.D

Acq: 12 Nov 2015 15:13

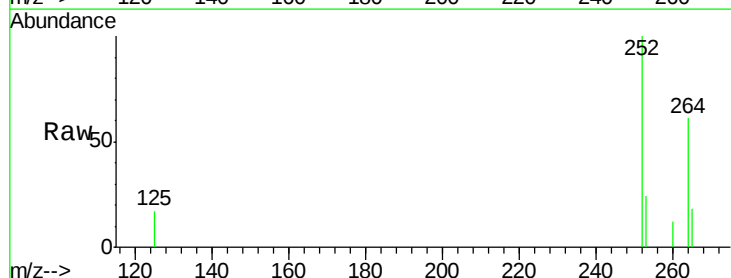
Tgt Ion:252 Resp: 21197

Ion Ratio Lower Upper

252 100

253 24.1 21.8 32.8

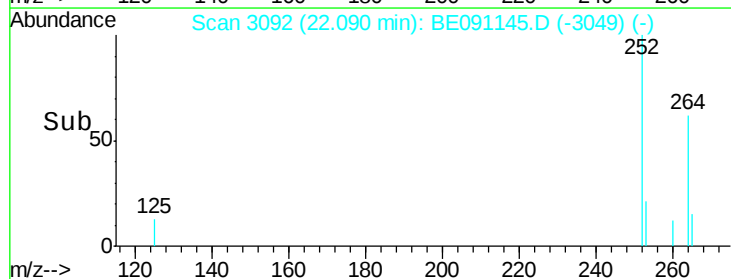
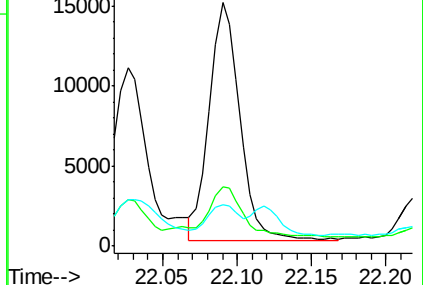
125 17.2 14.5 21.7

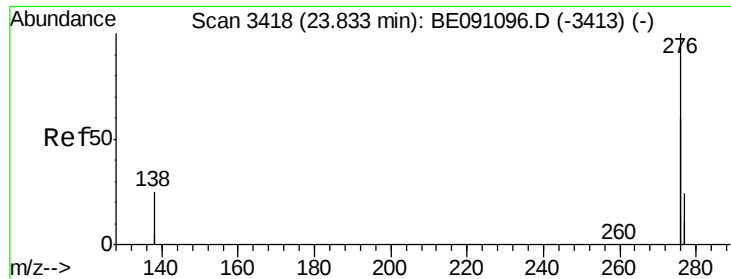


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.13 ng/ul

RT: 23.83 min Scan# 3417

Delta R.T. -0.00 min

Lab File: BE091145.D

Acq: 12 Nov 2015 15:13

Instrument :

BNA_E

ClientSampleId :

A4HT0

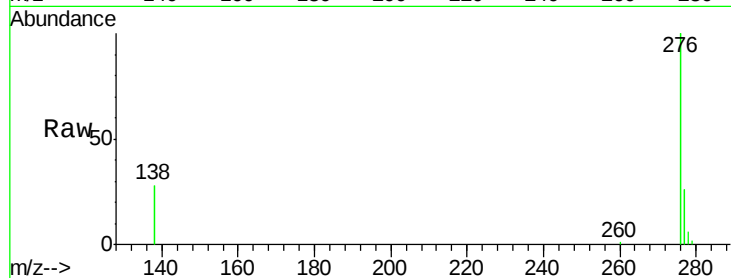
Tgt Ion:276 Resp: 64028

Ion Ratio Lower Upper

276 100

138 23.4 27.5 41.3#

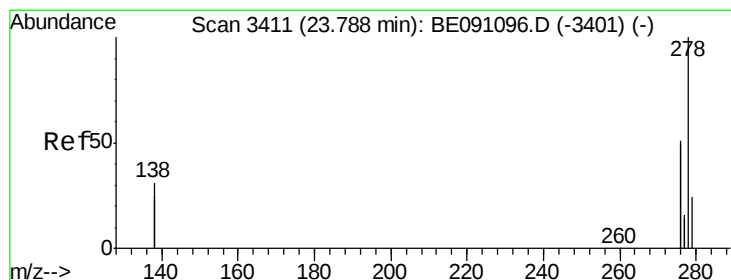
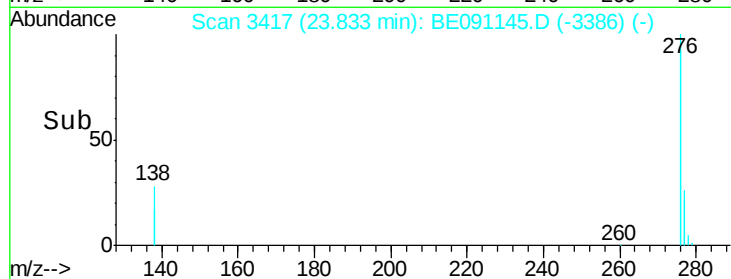
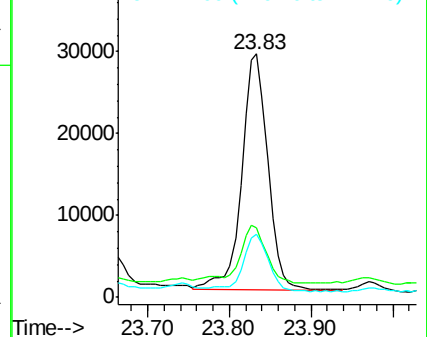
277 23.8 19.3 28.9



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: 0.03 ng/ul

RT: 23.79 min Scan# 3410

Delta R.T. -0.00 min

Lab File: BE091145.D

Acq: 12 Nov 2015 15:13

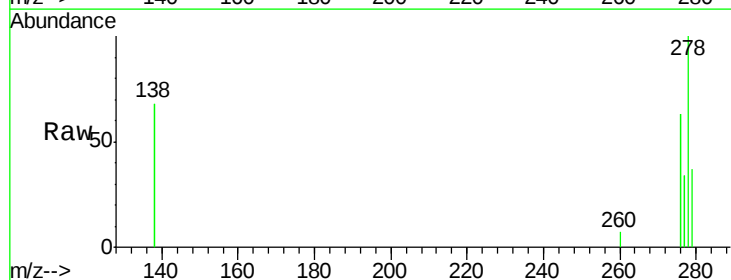
Tgt Ion:278 Resp: 3749

Ion Ratio Lower Upper

278 100

139 0.0 21.7 32.5#

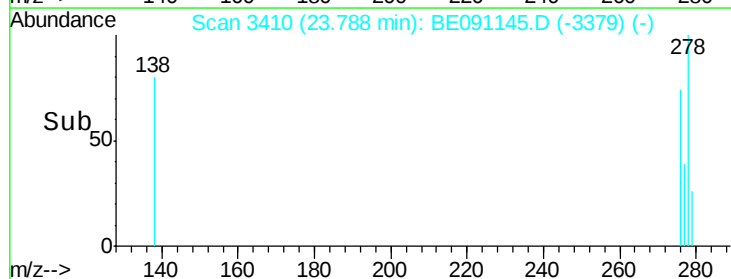
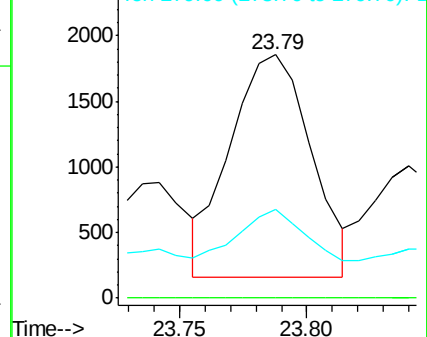
279 36.6 21.9 32.9#

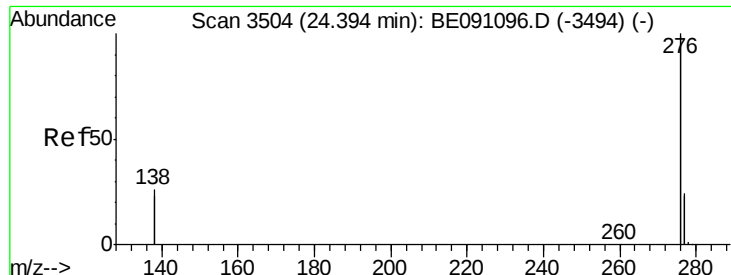


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(g,h,i)perylene

Concen: 0.10 ng/ul

RT: 24.40 min Scan# 3504

Delta R.T. 0.01 min

Lab File: BE091145.D

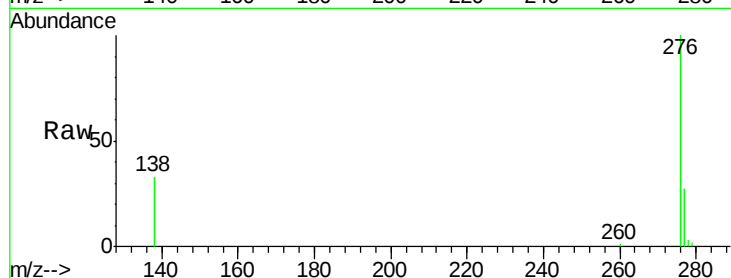
Acq: 12 Nov 2015 15:13

Instrument :

BNA_E

ClientSampleId :

A4HT0



Tgt Ion: 276 Resp: 53095

Ion Ratio Lower Upper

276 100

277 27.0 21.3 31.9

138 32.6 25.5 38.3

