

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111115\
 Data File : BE091144.D
 Acq On : 12 Nov 2015 14:37
 Operator : UM/NP
 Sample : G4322-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS9

Quant Time: Nov 13 15:23:39 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

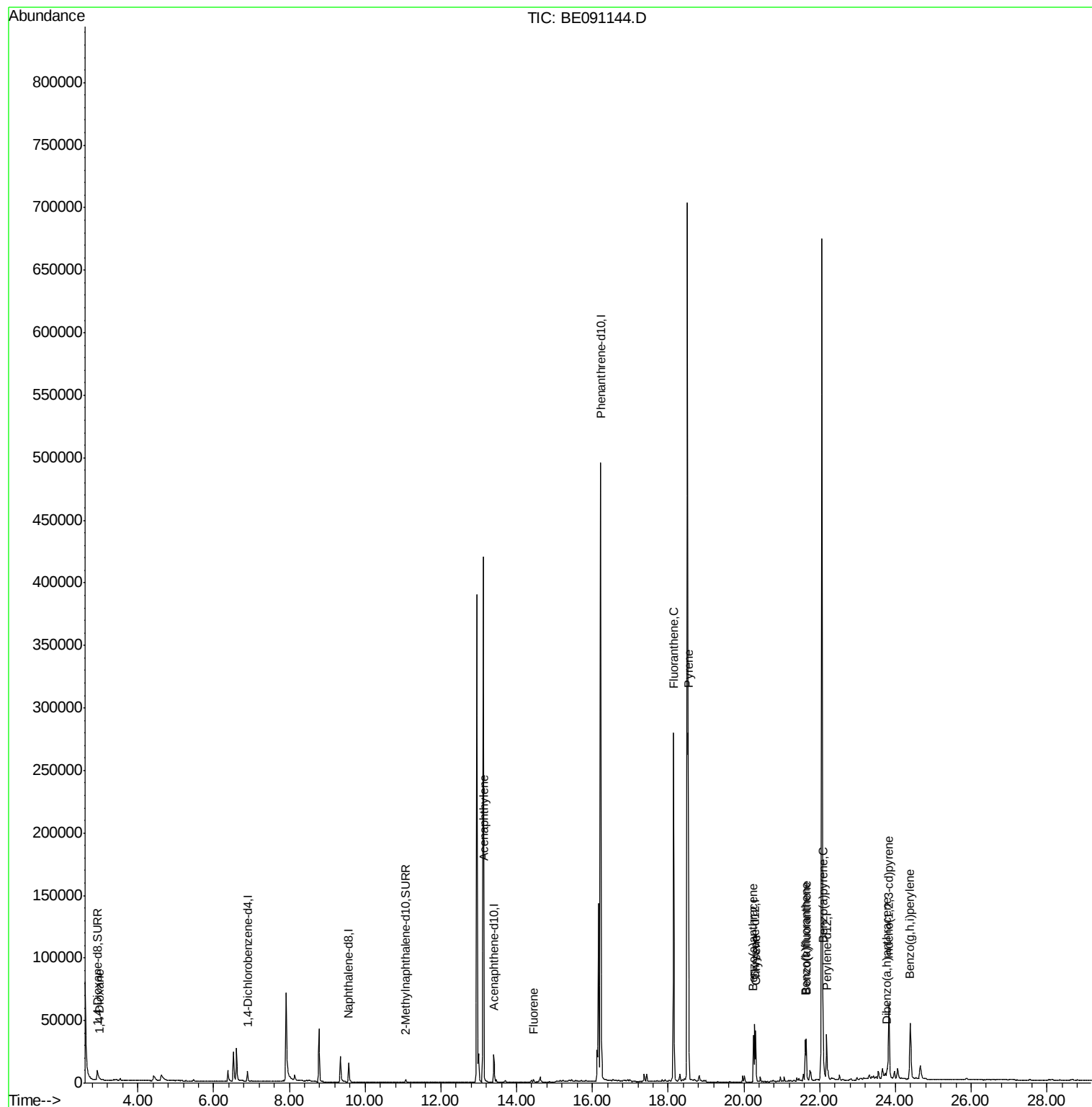
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3522	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	19470	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11788	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.22	188	633733	0.40	ng/ul	0.08
18) Chrysene-d12	20.29	240	38540	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	42234	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	8573	3.38	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	3040	0.11	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	8104	0.00	ng/ul	0.00
Target Compounds				Qvalue		
3) 1,4-Dioxane	2.99	88	100	0.03	ng/ul#	1
9) Acenaphthylene	13.14	152	2872	0.05	ng/ul	97
11) Fluorene	14.45	166	1554	0.03	ng/ul#	89
17) Fluoranthene	18.15	202	296925	0.03	ng/ul	90
19) Pyrene	18.53	202	257981	0.59	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	29616	0.30	ng/ul	97
21) Chrysene	20.31	228	37590	0.33	ng/ul	98
23) Benzo(b)fluoranthene	21.62	252	30413	0.23	ng/ul	95
24) Benzo(k)fluoranthene	21.65	252	28332	0.21	ng/ul	95
25) Benzo(a)pyrene	22.09	252	30967	0.25	ng/ul	95
26) Indeno(1,2,3-cd)pyrene	23.83	276	88420	0.17	ng/ul#	88
27) Dibenzo(a,h)anthracene	23.79	278	5418	0.04	ng/ul#	70
28) Benzo(g,h,i)perylene	24.39	276	73246	0.14	ng/ul	97

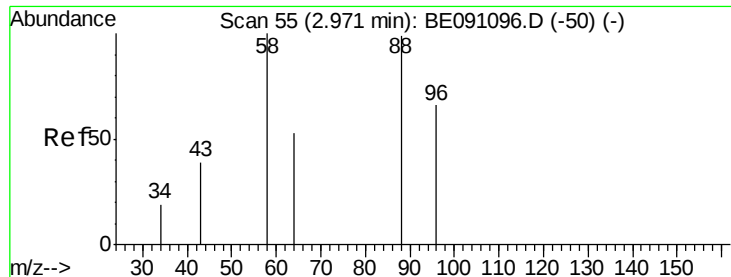
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

1,4-Dioxane

Concen: 0.03 ng/ul

RT: 2.99 min Scan# 58

Delta R.T. 0.02 min

Lab File: BE091144.D

Acq: 12 Nov 2015 14:37

Instrument :

BNA_E

ClientSampleId :

A4HS9

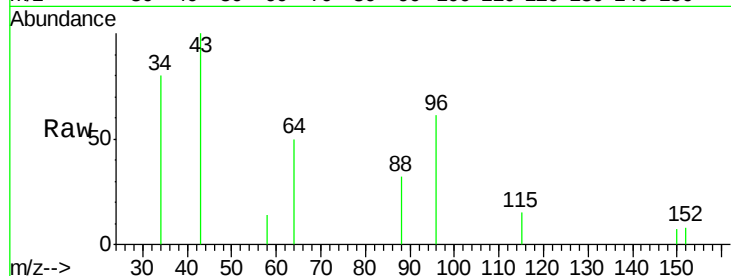
Tgt Ion: 88 Resp: 100

Ion Ratio Lower Upper

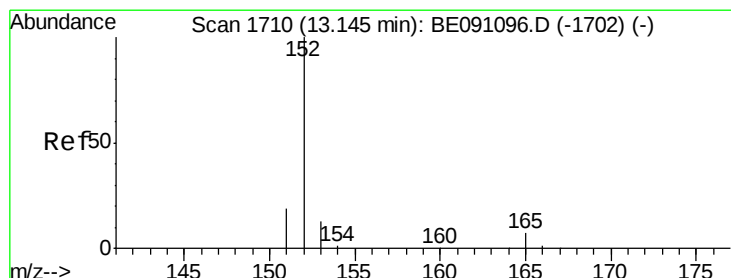
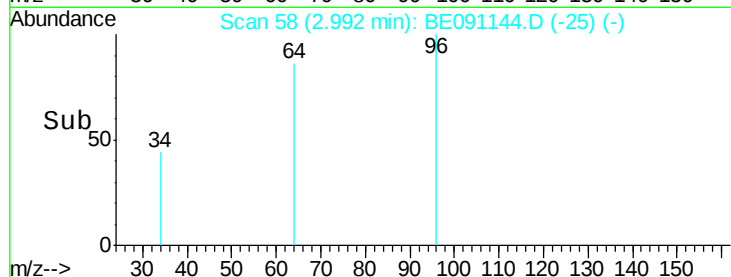
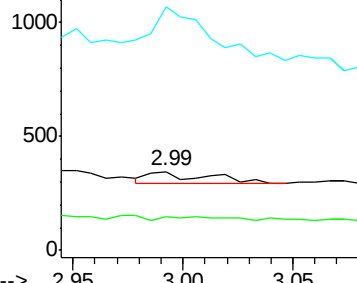
88 100

58 51.0 55.4 83.2#

43 917.0 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



#9

Acenaphthylene

Concen: 0.05 ng/ul

RT: 13.14 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BE091144.D

Acq: 12 Nov 2015 14:37

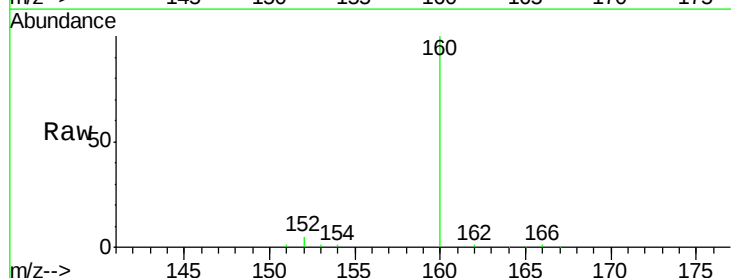
Tgt Ion: 152 Resp: 2872

Ion Ratio Lower Upper

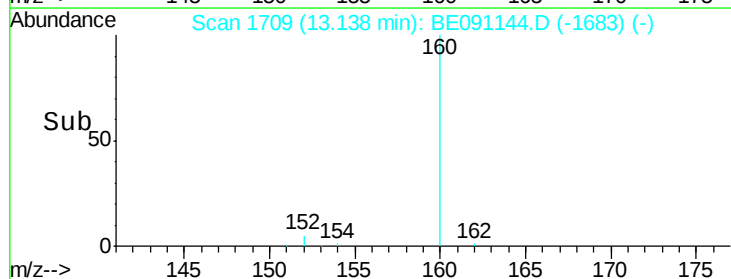
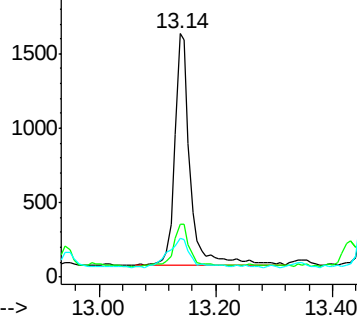
152 100

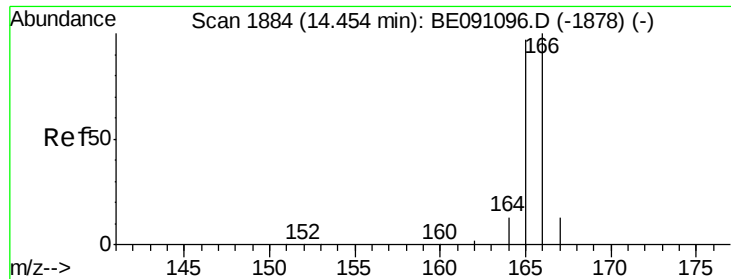
151 22.0 16.8 25.2

153 16.1 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





#11

Fluorene

Concen: 0.03 ng/ul

RT: 14.45 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BE091144.D

Acq: 12 Nov 2015 14:37

Instrument :

BNA_E

ClientSampleId :

A4HS9

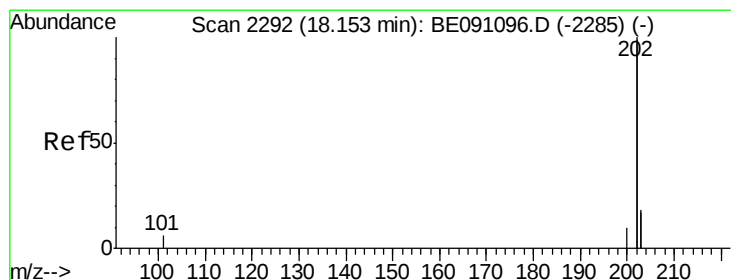
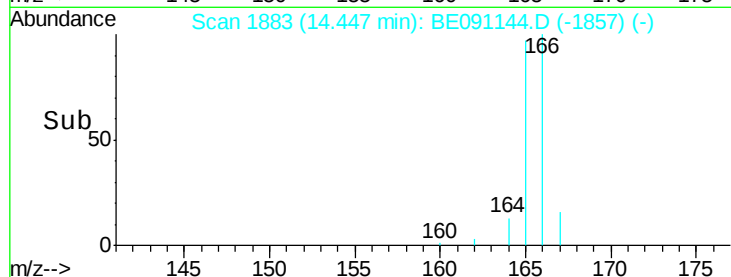
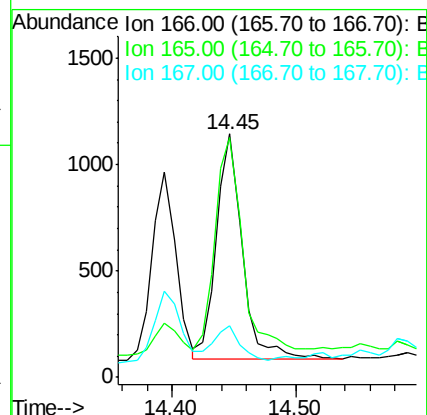
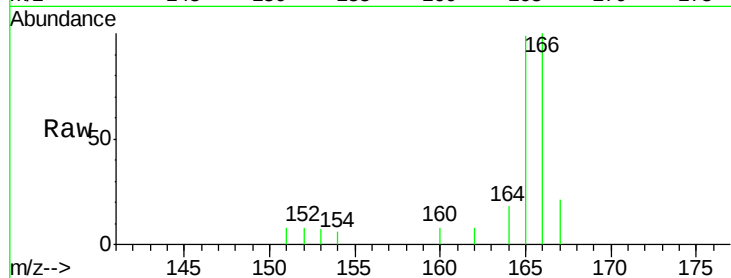
Tgt Ion:166 Resp: 1554

Ion Ratio Lower Upper

166 100

165 98.6 87.6 131.4

167 21.4 11.1 16.7#



#17

Fluoranthene

Concen: 0.03 ng/ul

RT: 18.15 min Scan# 2291

Delta R.T. -0.00 min

Lab File: BE091144.D

Acq: 12 Nov 2015 14:37

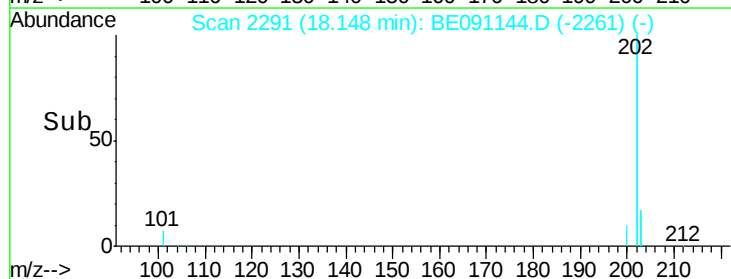
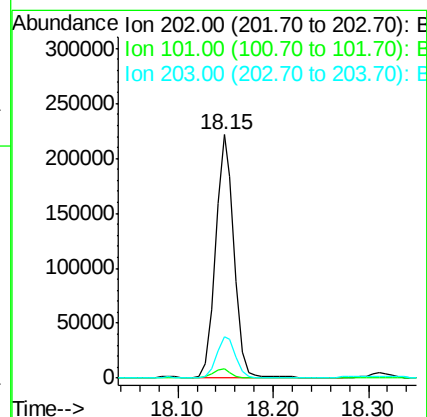
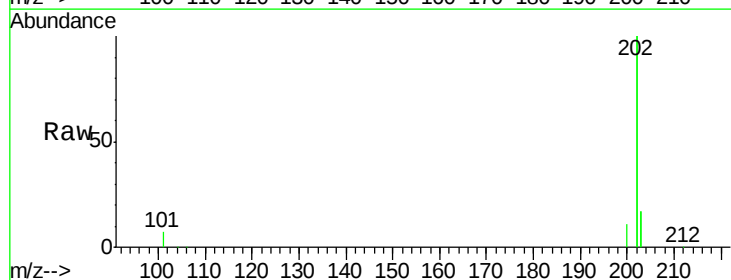
Tgt Ion:202 Resp: 296925

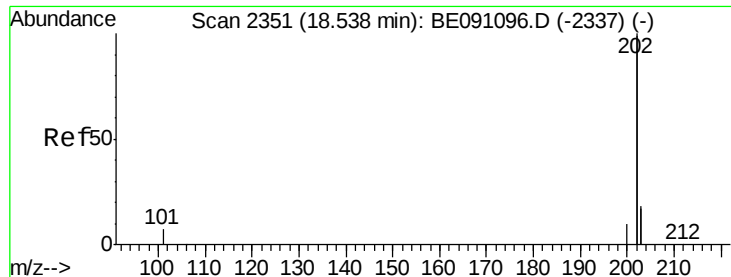
Ion Ratio Lower Upper

202 100

101 3.6 0.0 33.1

203 17.2 0.0 37.2





#19

Pyrene

Concen: 0.59 ng/ul

RT: 18.53 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BE091144.D

Acq: 12 Nov 2015 14:37

Instrument :

BNA_E

ClientSampled :

A4HS9

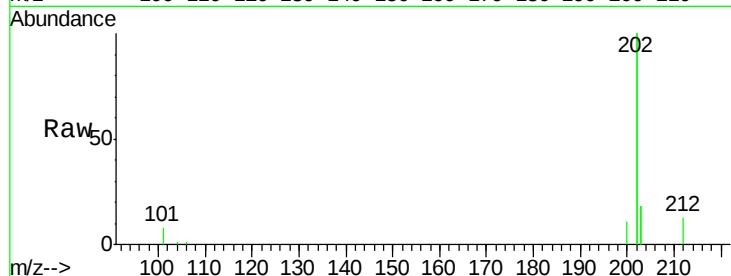
Tgt Ion:202 Resp: 257981

Ion Ratio Lower Upper

202 100

200 5.4 18.0 27.0#

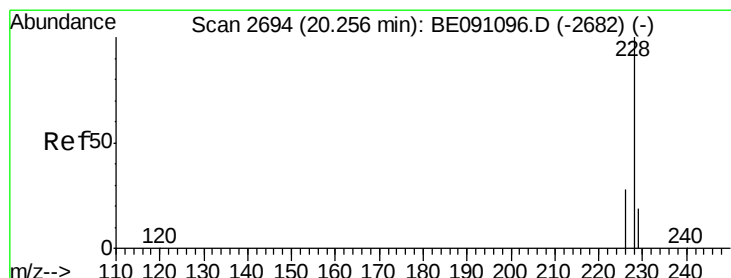
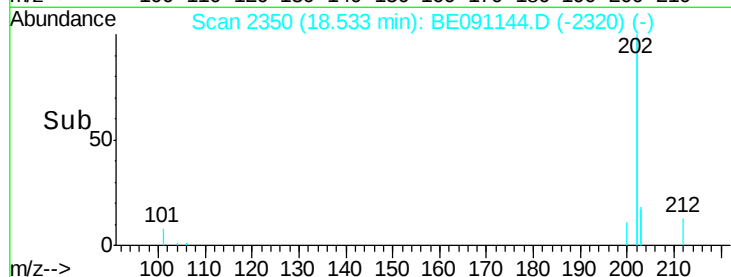
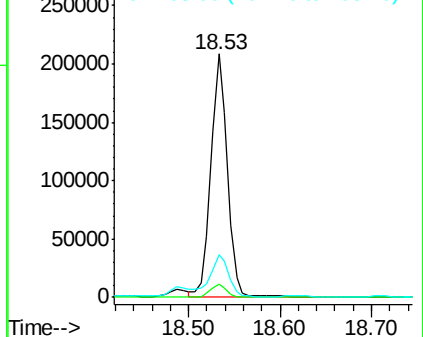
203 17.7 13.8 20.6



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: 0.30 ng/ul

RT: 20.26 min Scan# 2693

Delta R.T. -0.00 min

Lab File: BE091144.D

Acq: 12 Nov 2015 14:37

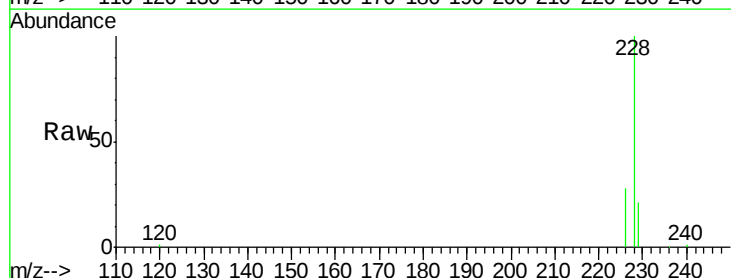
Tgt Ion:228 Resp: 29616

Ion Ratio Lower Upper

228 100

226 27.6 23.0 34.4

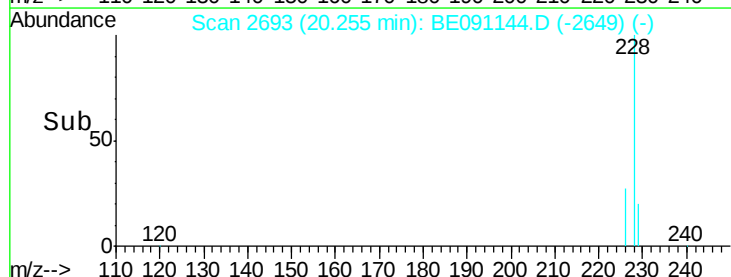
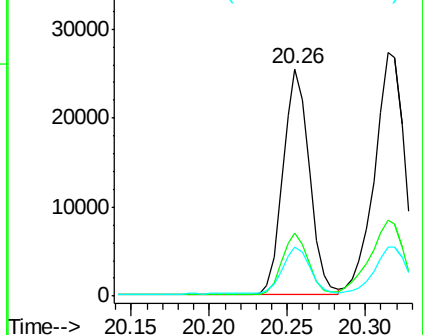
229 21.4 15.2 22.8

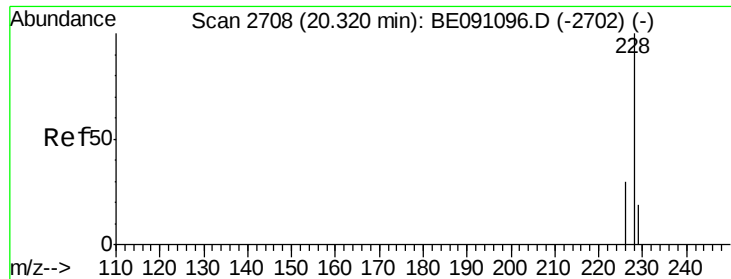


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.33 ng/ul

RT: 20.31 min Scan# 2706

Delta R.T. -0.01 min

Lab File: BE091144.D

Acq: 12 Nov 2015 14:37

Instrument :

BNA_E

ClientSampleId :

A4HS9

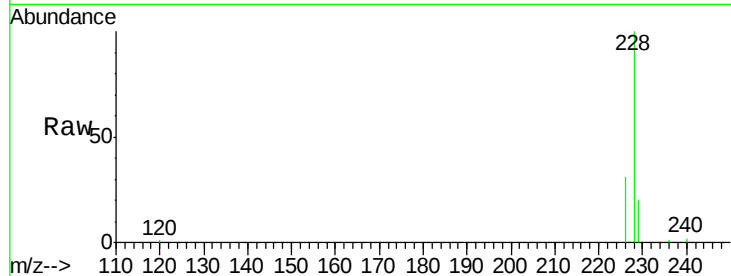
Tgt Ion:228 Resp: 37590

Ion Ratio Lower Upper

228 100

226 31.0 25.7 38.5

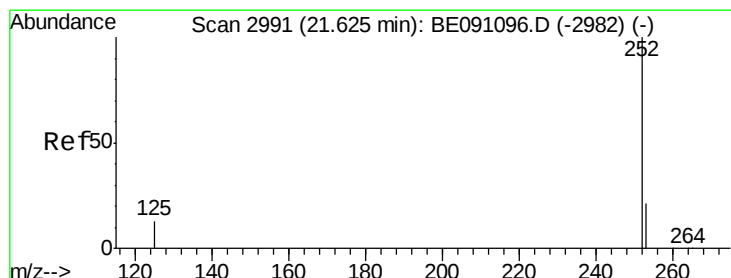
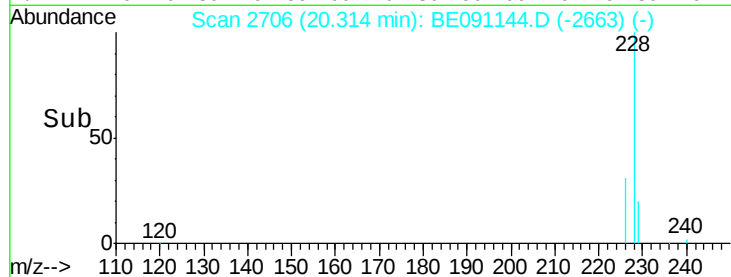
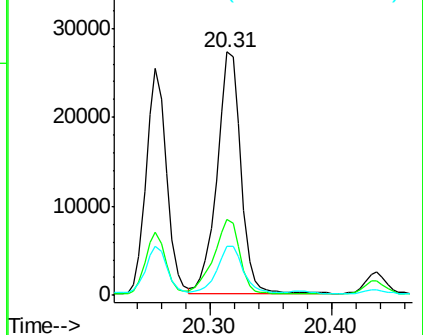
229 20.2 15.2 22.8



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



#23

Benzo(b)fluoranthene

Concen: 0.23 ng/ul

RT: 21.62 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE091144.D

Acq: 12 Nov 2015 14:37

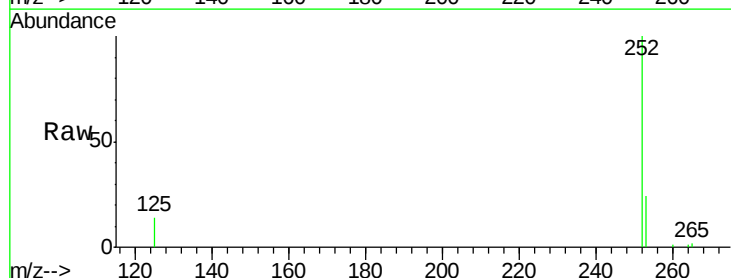
Tgt Ion:252 Resp: 30413

Ion Ratio Lower Upper

252 100

253 23.5 0.0 48.0

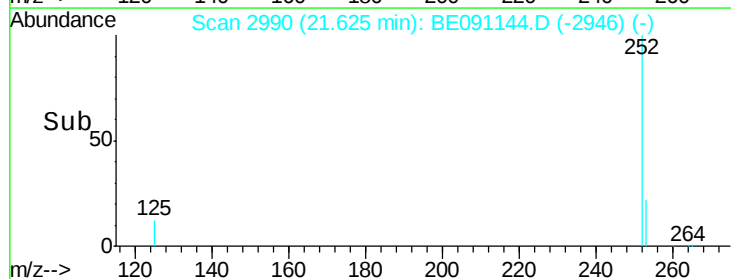
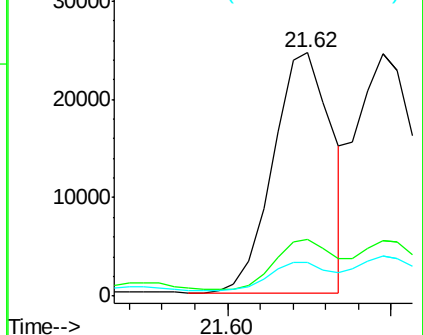
125 14.0 0.0 36.6

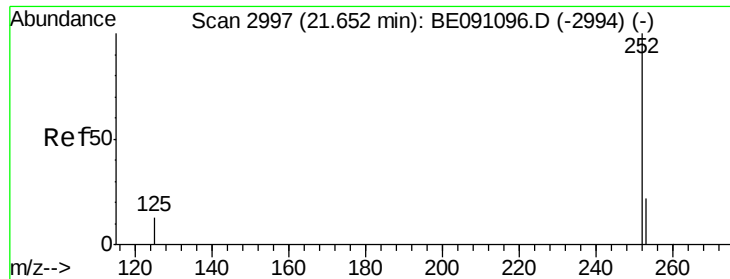


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.21 ng/ul

RT: 21.65 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BE091144.D

Acq: 12 Nov 2015 14:37

Instrument :

BNA_E

ClientSampleId :

A4HS9

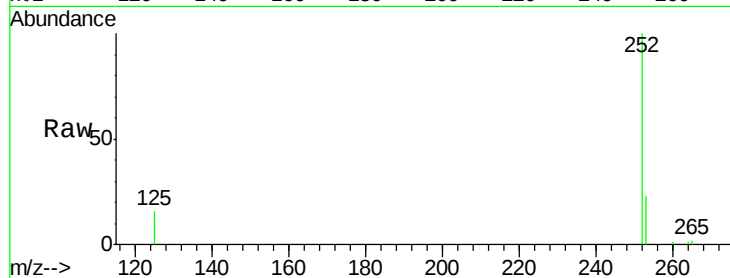
Tgt Ion:252 Resp: 28332

Ion Ratio Lower Upper

252 100

253 23.1 20.8 31.2

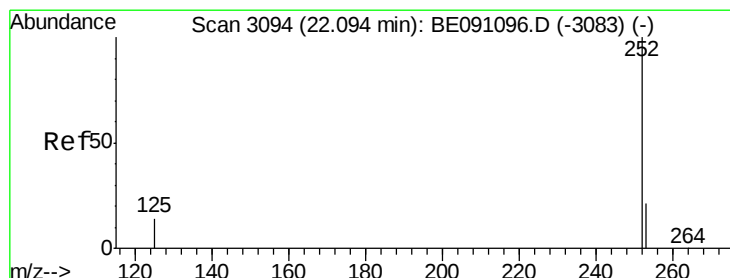
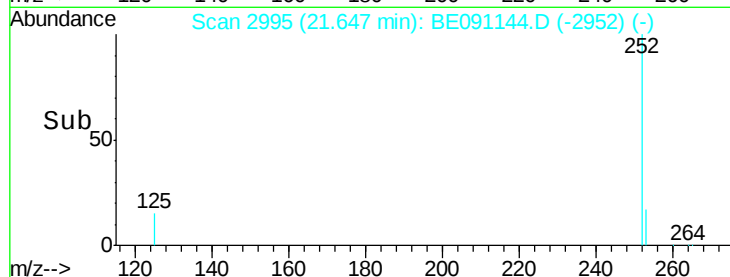
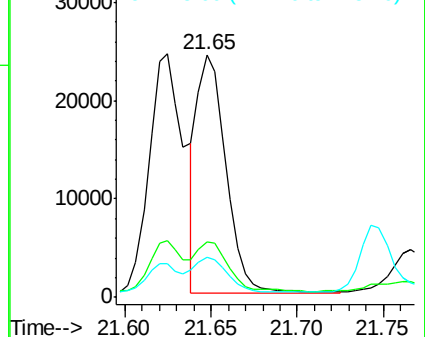
125 16.4 12.2 18.4



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: 0.25 ng/ul

RT: 22.09 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BE091144.D

Acq: 12 Nov 2015 14:37

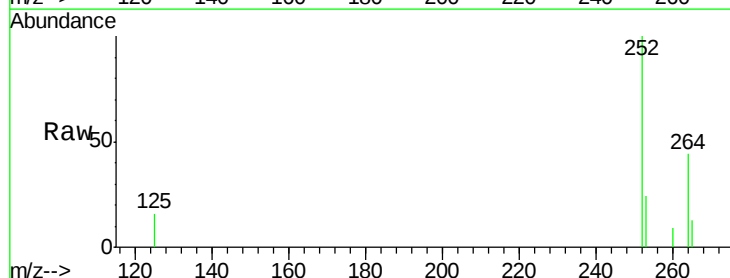
Tgt Ion:252 Resp: 30967

Ion Ratio Lower Upper

252 100

253 24.4 21.8 32.8

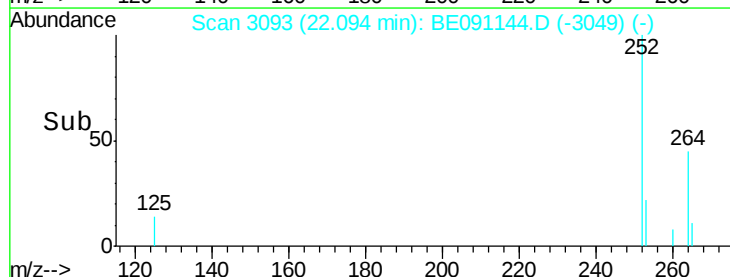
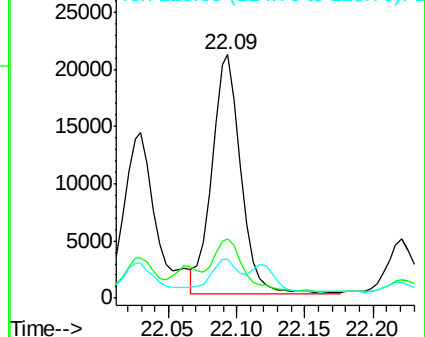
125 16.0 14.5 21.7

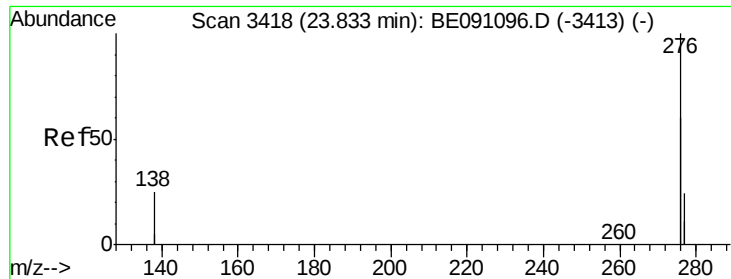


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.17 ng/ul

RT: 23.83 min Scan# 3417

Delta R.T. -0.00 min

Lab File: BE091144.D

Acq: 12 Nov 2015 14:37

Instrument :

BNA_E

ClientSampleId :

A4HS9

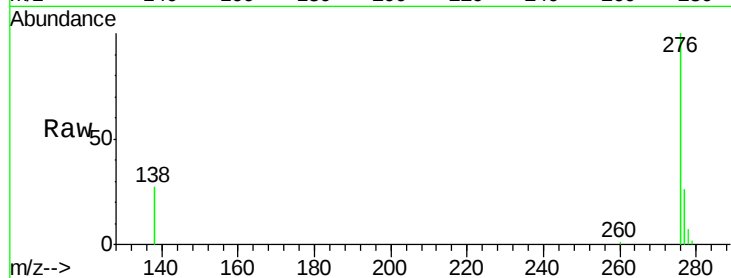
Tgt Ion:276 Resp: 88420

Ion Ratio Lower Upper

276 100

138 23.6 27.5 41.3#

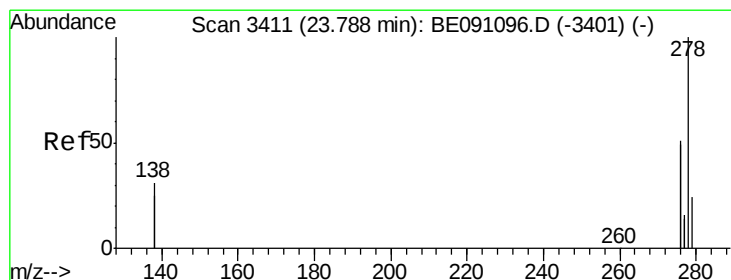
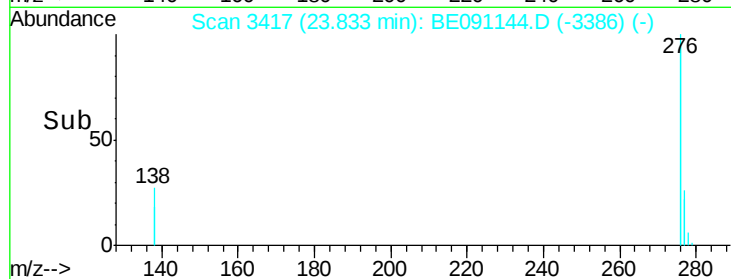
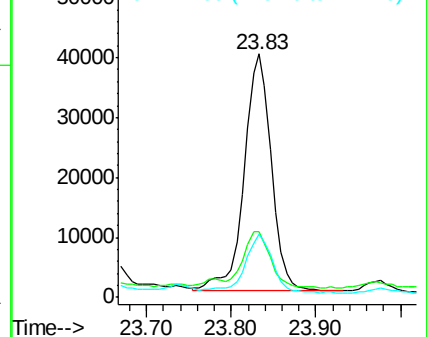
277 24.7 19.3 28.9



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: 0.04 ng/ul

RT: 23.79 min Scan# 3410

Delta R.T. -0.00 min

Lab File: BE091144.D

Acq: 12 Nov 2015 14:37

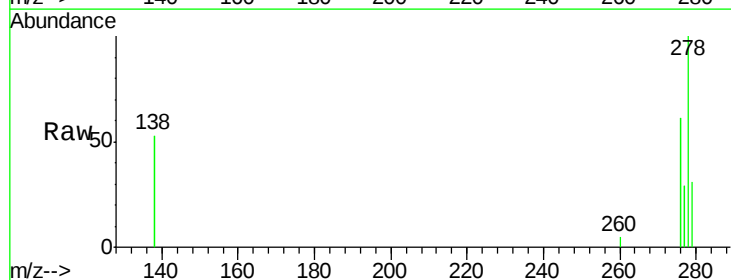
Tgt Ion:278 Resp: 5418

Ion Ratio Lower Upper

278 100

139 0.0 21.7 32.5#

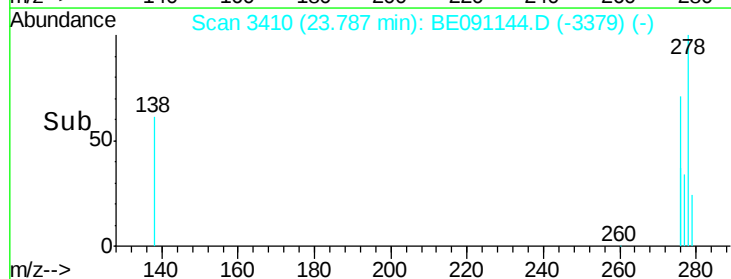
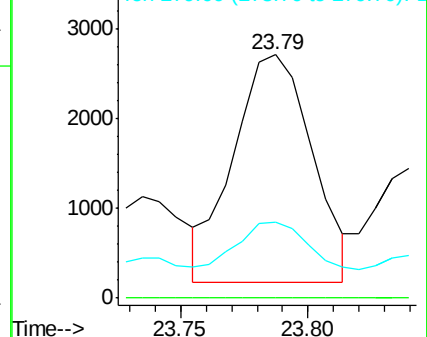
279 31.3 21.9 32.9

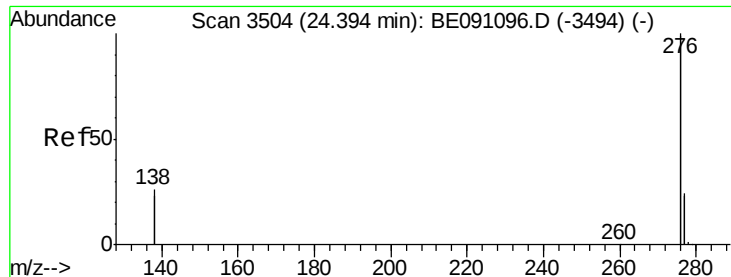


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.14 ng/ul

RT: 24.39 min Scan# 3503

Delta R.T. -0.00 min

Lab File: BE091144.D

Acq: 12 Nov 2015 14:37

Instrument :

BNA_E

ClientSampleId :

A4HS9

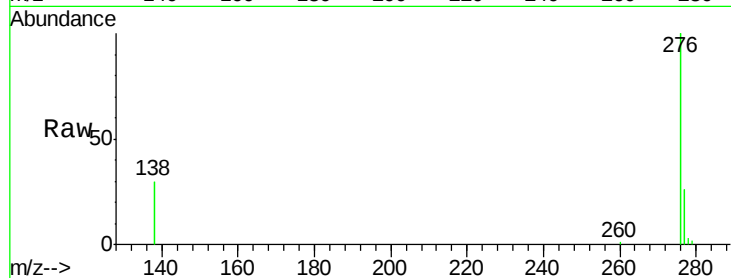
Tgt Ion: 276 Resp: 73246

Ion Ratio Lower Upper

276 100

277 25.8 21.3 31.9

138 29.5 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

