

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111315\
 Data File : BE091156.D
 Acq On : 14 Nov 2015 00:23
 Operator : UM/NP
 Sample : G4342-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 D9KP1

Quant Time: Nov 14 04:36:28 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

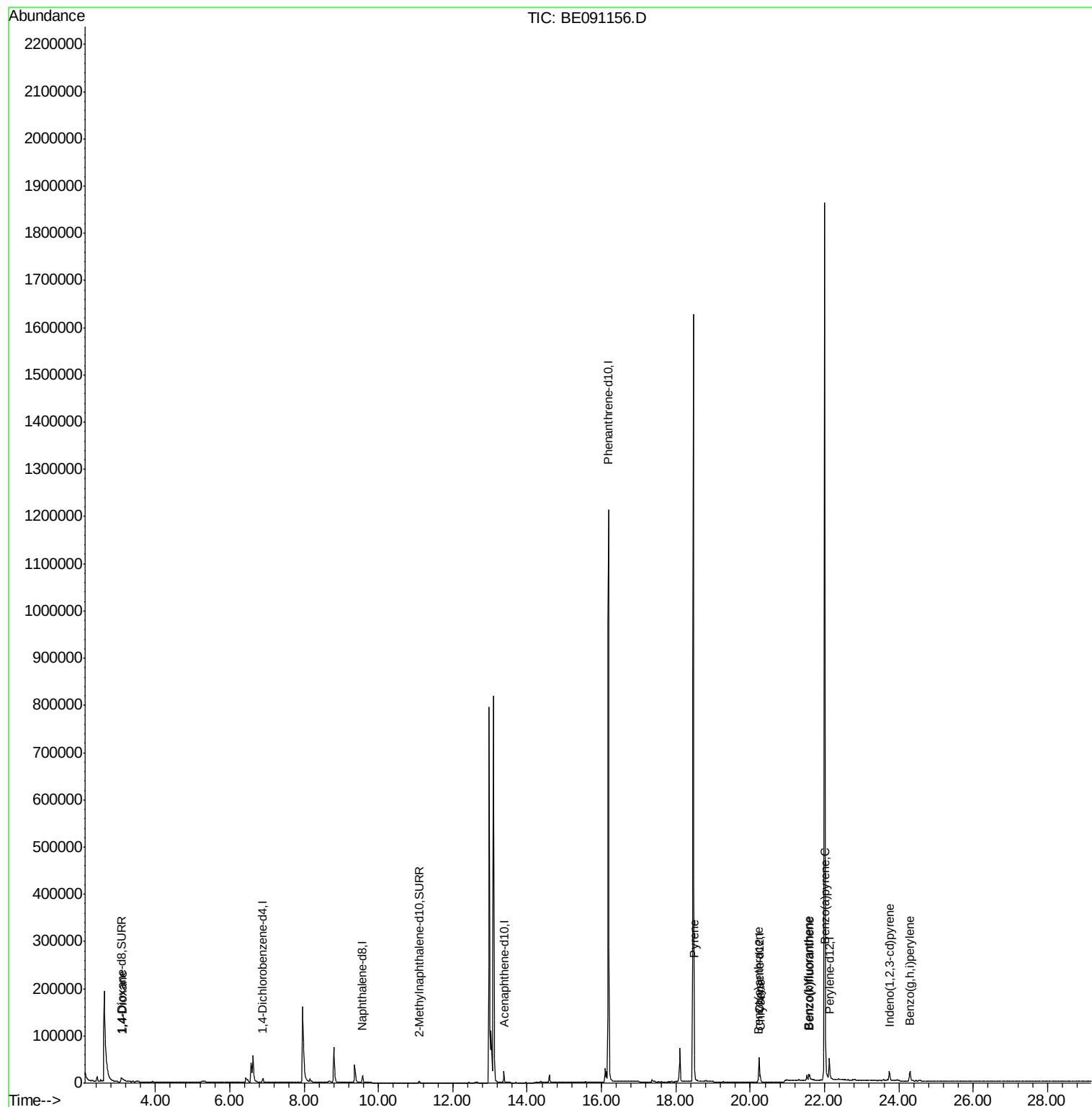
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	4022	0.40	ng/ul	-0.07
4) Naphthalene-d8	9.57	136	20572	0.40	ng/ul	-0.05
8) Acenaphthene-d10	13.38	164	13266	0.40	ng/ul	-0.02
12) Phenanthrene-d10	16.18	188	1478701	0.40	ng/ul	0.07
18) Chrysene-d12	20.24	240	47932	0.40	ng/ul	0.00
22) Perylene-d12	22.13	264	58481	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.08	96	19887	6.87	ng/uL	-0.07
6) 2-Methylnaphthalene-d10	11.09	152	6106	0.22	ng/ul	-0.03
16) Fluoranthene-d10	18.09	212	19753	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.11	88	156	0.05	ng/ul#	24
19) Pyrene	18.49	202	88661	0.16	ng/ul#	76
20) Benzo(a)anthracene	20.21	228	6299	0.05	ng/ul#	94
21) Chrysene	20.27	228	13905	0.10	ng/ul#	96
23) Benzo(b)fluoranthene	21.57	252	13656	0.07	ng/ul	73
24) Benzo(k)fluoranthene	21.60	252	9503	0.05	ng/ul#	67
25) Benzo(a)pyrene	22.03	252	9882	0.06	ng/ul#	67
26) Indeno(1,2,3-cd)pyrene	23.74	276	30977	0.04	ng/ul#	88
28) Benzo(g,h,i)perylene	24.30	276	35545	0.05	ng/ul#	88

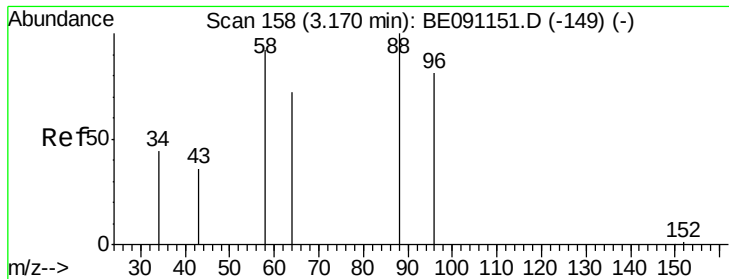
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.05 ng/ul

RT: 3.11 min Scan# 149

Delta R.T. -0.06 min

Lab File: BE091156.D

Acq: 14 Nov 2015 00:23

Instrument :

BNA_E

ClientSampleId :

D9KP1

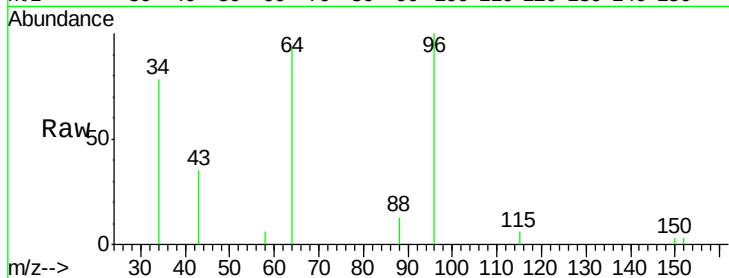
Tot Ion: 88 Resp: 156

Ion Ratio Lower Upper

88 100

58 0.0 55.4 83.2#

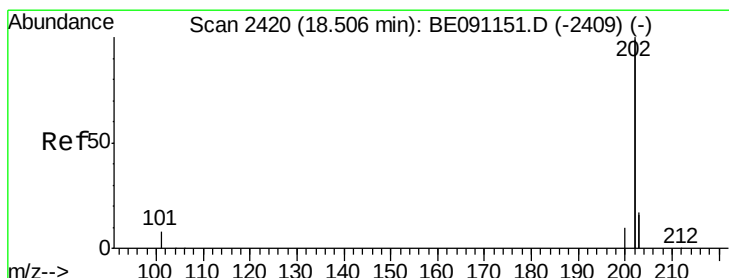
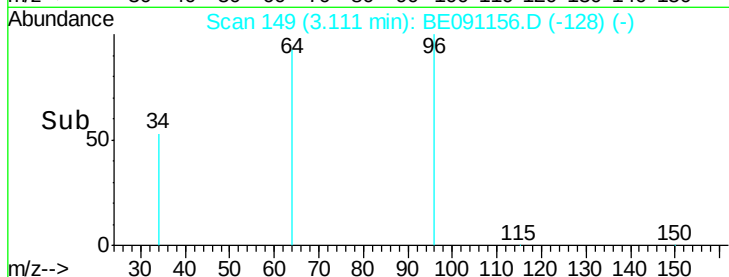
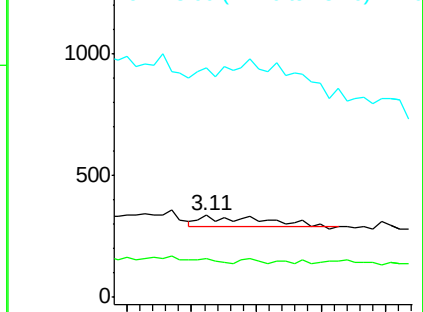
43 0.0 24.2 36.2#



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



#19

Pyrene

Concen: 0.16 ng/ul

RT: 18.49 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BE091156.D

Acq: 14 Nov 2015 00:23

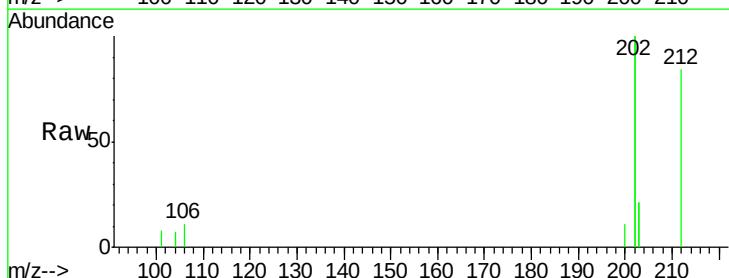
Tgt Ion: 202 Resp: 88661

Ion Ratio Lower Upper

202 100

200 5.3 18.0 27.0#

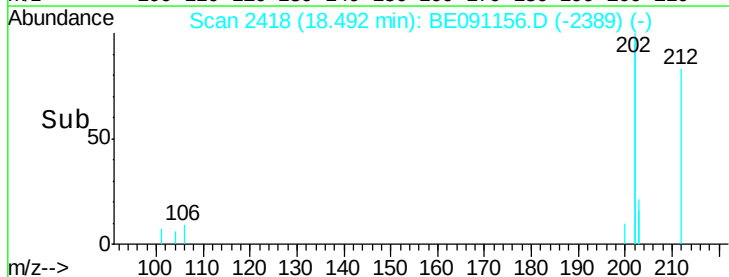
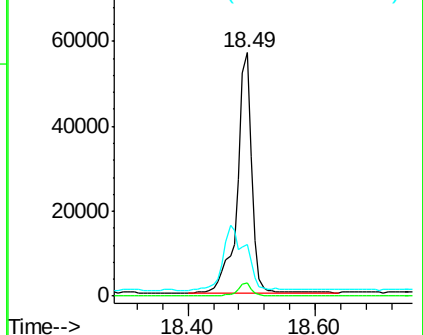
203 21.3 13.8 20.6#

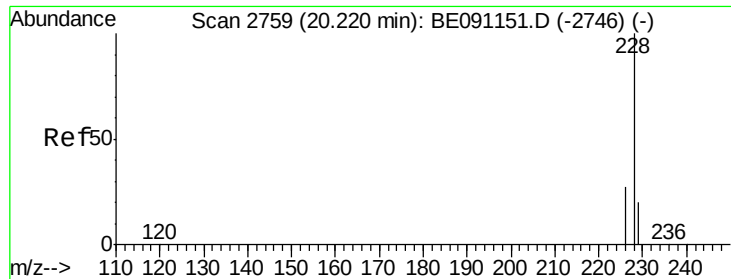


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 20.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BE091156.D

Acq: 14 Nov 2015 00:23

Instrument :

BNA_E

ClientSampleId :

D9KP1

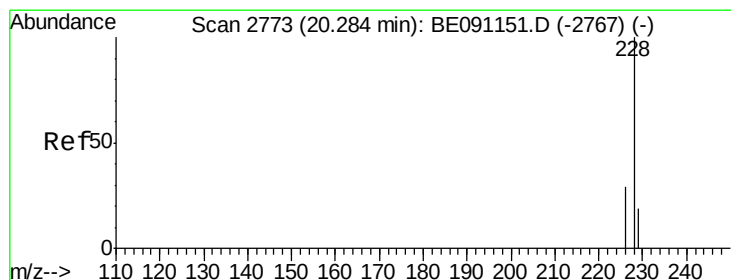
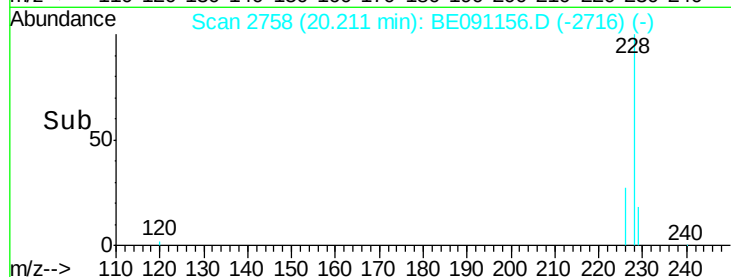
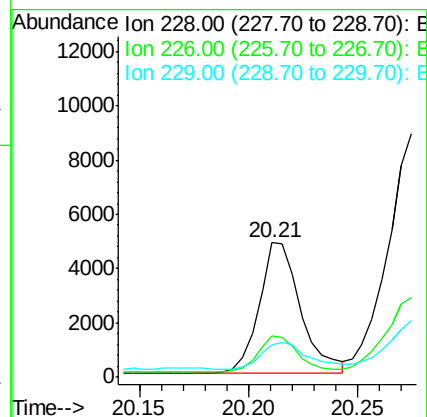
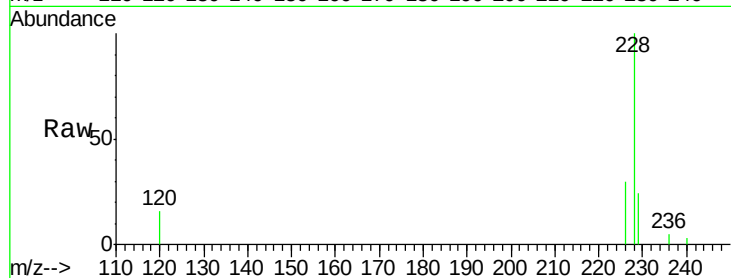
Tot Ion:228 Resp: 6299

Ion Ratio Lower Upper

228 100

226 30.4 23.0 34.4

229 23.9 15.2 22.8#



#21

Chrysene

Concen: 0.10 ng/ul

RT: 20.27 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BE091156.D

Acq: 14 Nov 2015 00:23

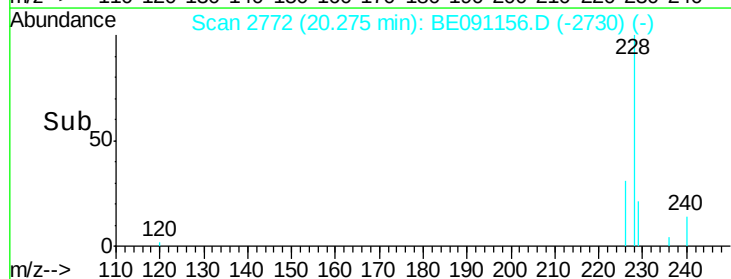
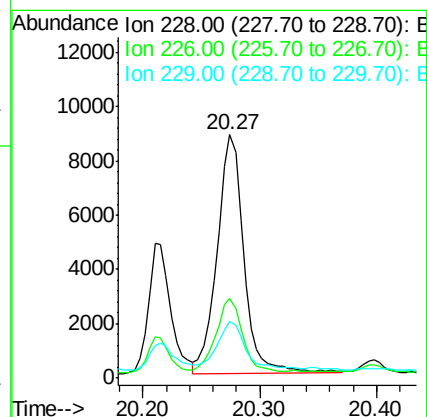
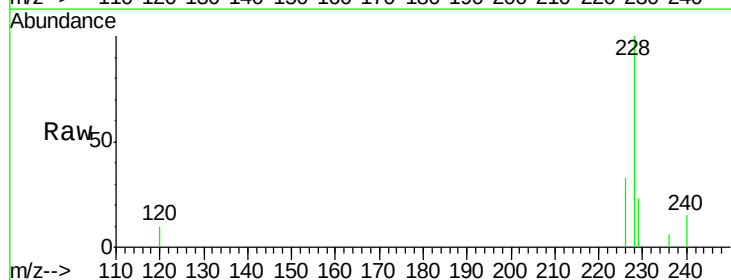
Tgt Ion:228 Resp: 13905

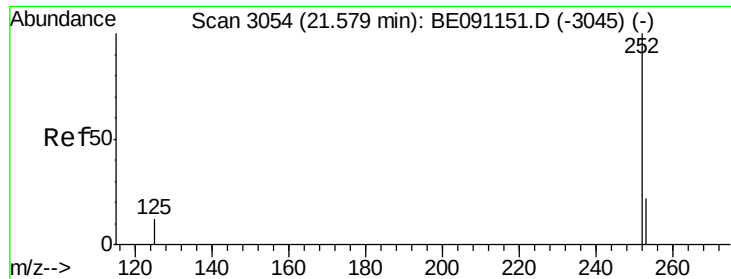
Ion Ratio Lower Upper

228 100

226 32.8 25.7 38.5

229 23.5 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.07 ng/ul

RT: 21.57 min Scan# 3053

Delta R.T. -0.01 min

Lab File: BE091156.D

Acq: 14 Nov 2015 00:23

Instrument :

BNA_E

ClientSampleId :

D9KP1

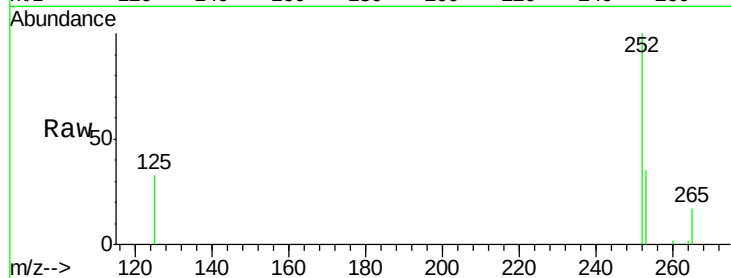
Tot Ion:252 Resp: 13656

Ion Ratio Lower Upper

252 100

253 35.2 0.0 48.0

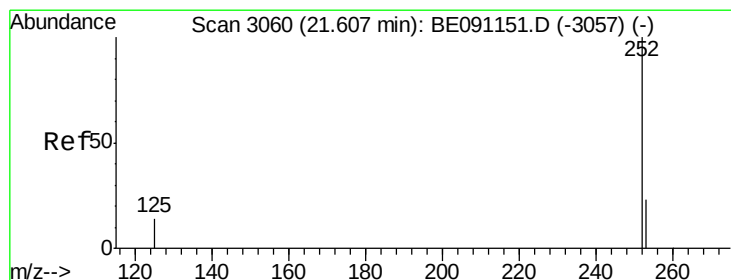
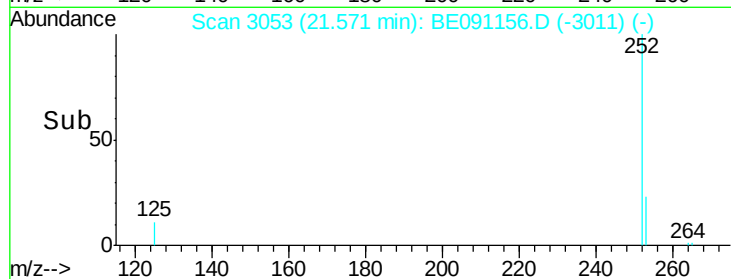
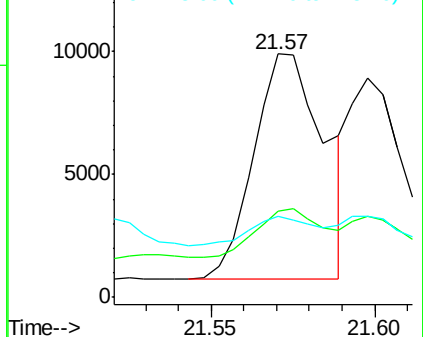
125 33.1 0.0 36.6



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: 0.05 ng/ul

RT: 21.60 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BE091156.D

Acq: 14 Nov 2015 00:23

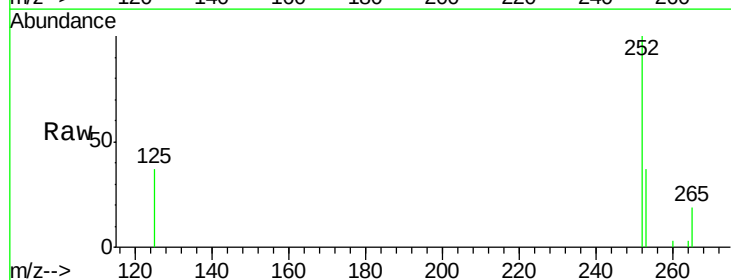
Tgt Ion:252 Resp: 9503

Ion Ratio Lower Upper

252 100

253 37.1 20.8 31.2#

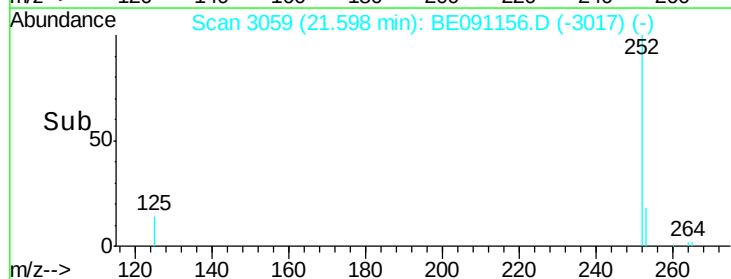
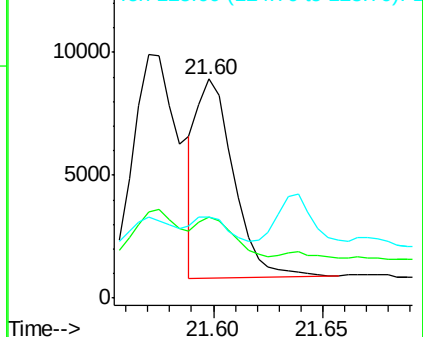
125 36.7 12.2 18.4#

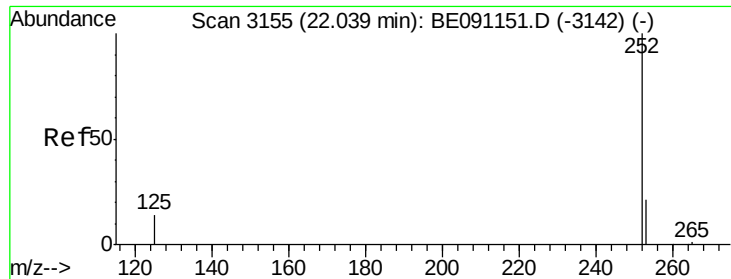


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 22.03 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BE091156.D

Acq: 14 Nov 2015 00:23

Instrument :

BNA_E

ClientSampleId :

D9KP1

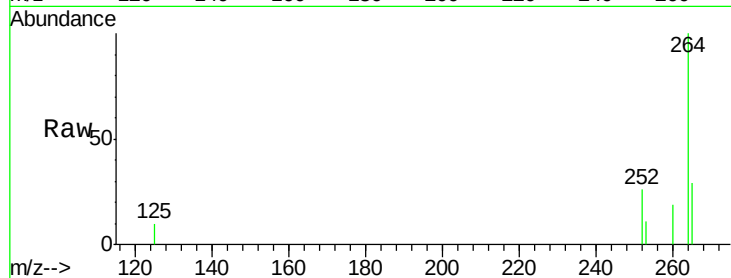
Tot Ion:252 Resp: 9882

Ion Ratio Lower Upper

252 100

253 41.8 21.8 32.8#

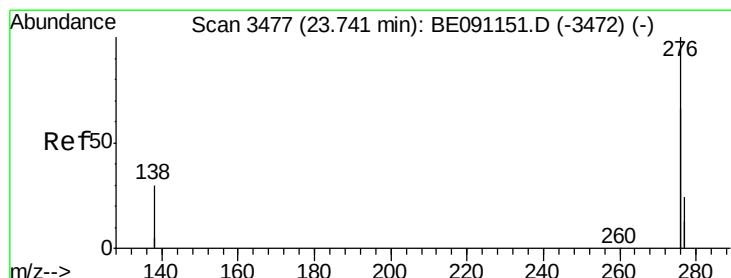
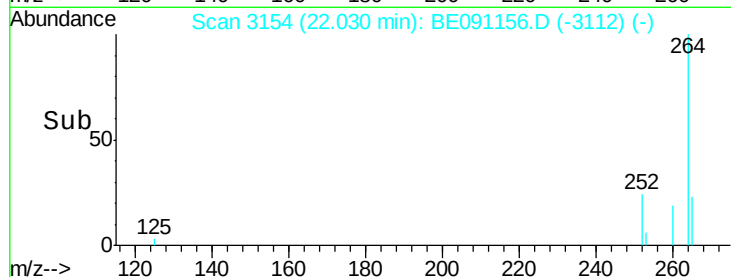
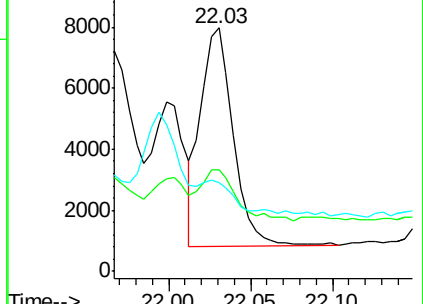
125 36.5 14.5 21.7#



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: 0.04 ng/ul

RT: 23.74 min Scan# 3478

Delta R.T. 0.00 min

Lab File: BE091156.D

Acq: 14 Nov 2015 00:23

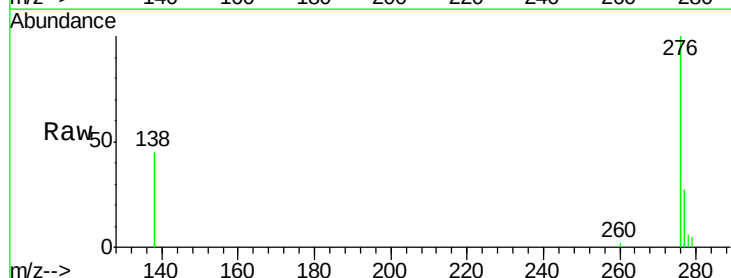
Tgt Ion:276 Resp: 30977

Ion Ratio Lower Upper

276 100

138 23.7 27.5 41.3#

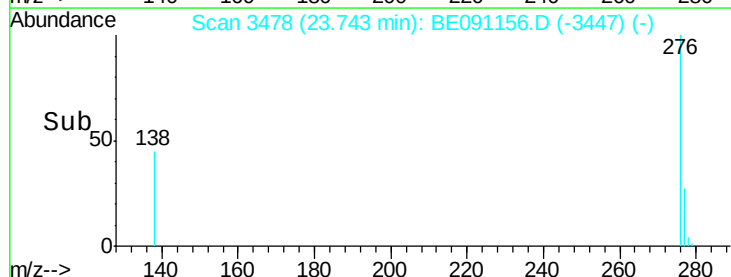
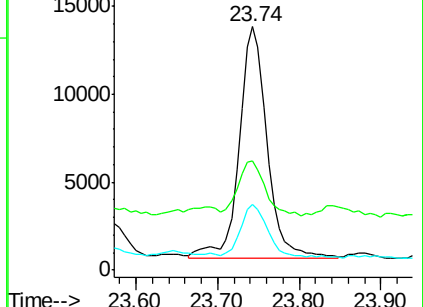
277 23.2 19.3 28.9

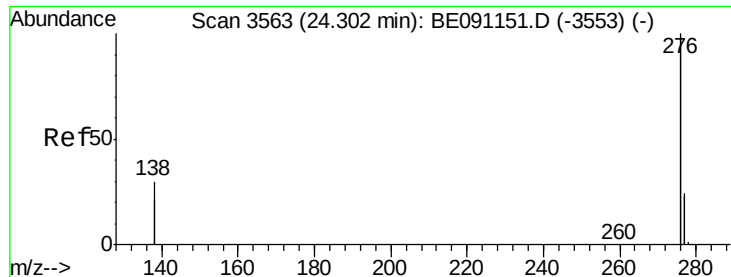


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Benzo(a,h,i)perylene

Concen: 0.05 ng/ul

RT: 24.30 min Scan# 3563

Delta R.T. -0.00 min

Lab File: BE091156.D

Acq: 14 Nov 2015 00:23

Instrument :

BNA_E

ClientSampleId :

D9KP1

Tot Ion: 276 Resp: 35545

Ion Ratio Lower Upper

276 100

277 27.2 21.3 31.9

138 43.4 25.5 38.3

