

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111315\
 Data File : BE091161.D
 Acq On : 14 Nov 2015 3:22
 Operator : UM/NP
 Sample : G4342-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 D9KQ9

Quant Time: Nov 14 05:47:48 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 03:28:24 2015
 Response via : Initial Calibration

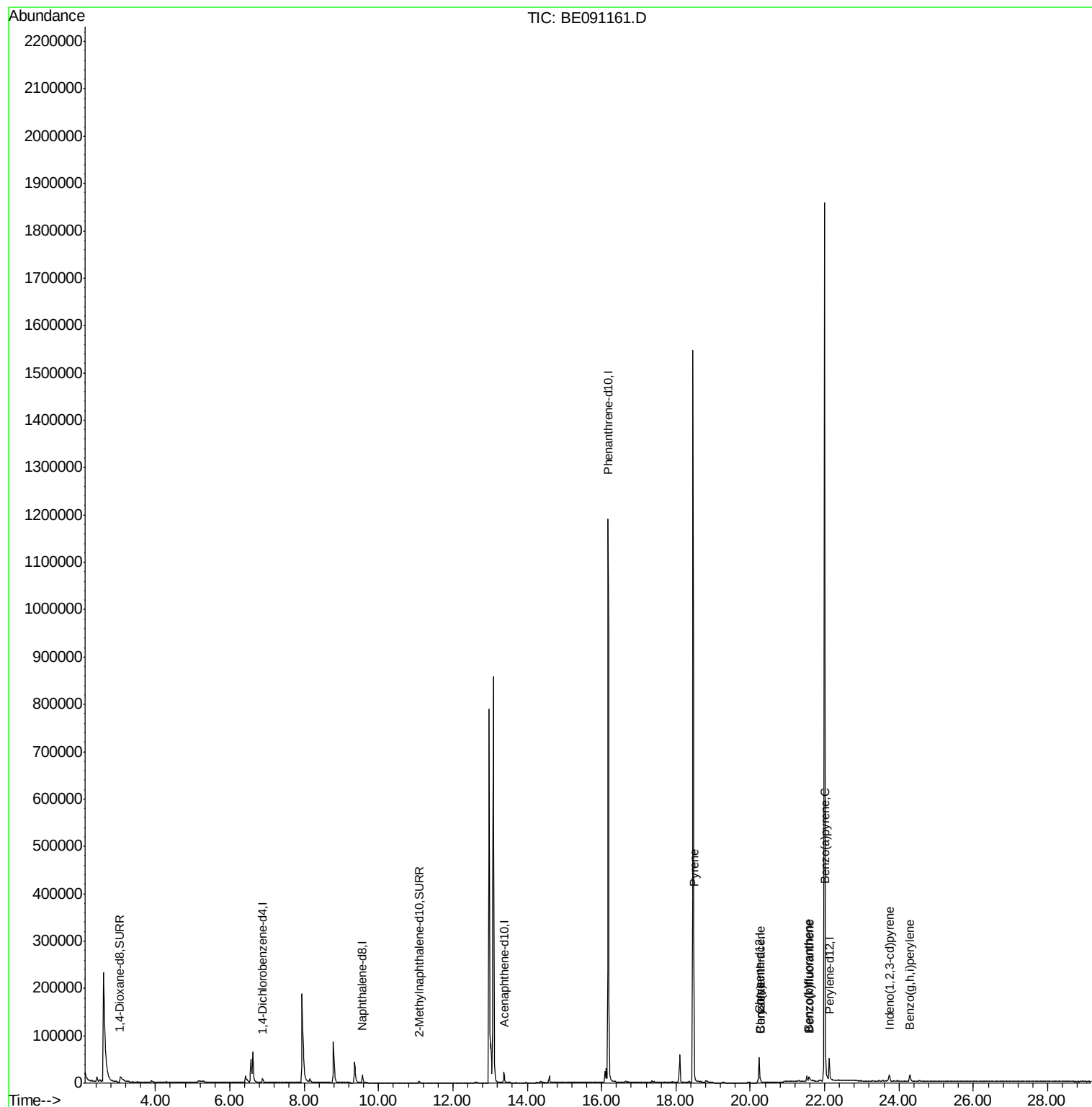
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	4033	0.40	ng/ul	-0.07
4) Naphthalene-d8	9.56	136	20639	0.40	ng/ul	-0.05
8) Acenaphthene-d10	13.38	164	12707	0.40	ng/ul	-0.02
12) Phenanthrene-d10	16.17	188	1427124	0.40	ng/ul	0.06
18) Chrysene-d12	20.24	240	47761	0.40	ng/ul	0.00
22) Perylene-d12	22.13	264	59987	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.05	96	24192	8.34	ng/uL	-0.11
6) 2-Methylnaphthalene-d10	11.09	152	6757	0.24	ng/ul	-0.03
16) Fluoranthene-d10	18.08	212	18504	0.00	ng/ul	-0.01
Target Compounds				Ovalue		
19) Pyrene	18.49	202	69352	0.13	ng/ul#	76
20) Benzo(a)anthracene	20.27	228	8702	0.07	ng/ul	94
21) Chrysene	20.27	228	8809	0.06	ng/ul	97
23) Benzo(b)fluoranthene	21.57	252	8097	0.04	ng/ul	72
24) Benzo(k)fluoranthene	21.60	252	7722	0.04	ng/ul#	69
25) Benzo(a)pyrene	22.03	252	7392	0.04	ng/ul#	71
26) Indeno(1,2,3-cd)pyrene	23.74	276	22070	0.03	ng/ul#	88
28) Benzo(g,h,i)perylene	24.30	276	26064	0.03	ng/ul#	85

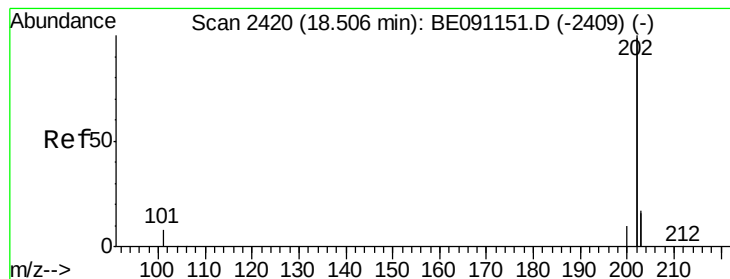
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 14 03:28:24 2015
Response via : Initial Calibration





#19

Pvrene

Concen: 0.13 ng/ul

RT: 18.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BE091161.D

Acq: 14 Nov 2015 3:22

Instrument :

BNA_E

ClientSampleId :

D9KQ9

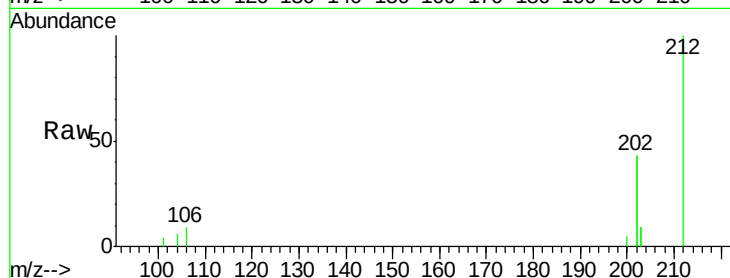
Tot Ion:202 Resp: 69352

Ion Ratio Lower Upper

202 100

200 5.4 18.0 27.0#

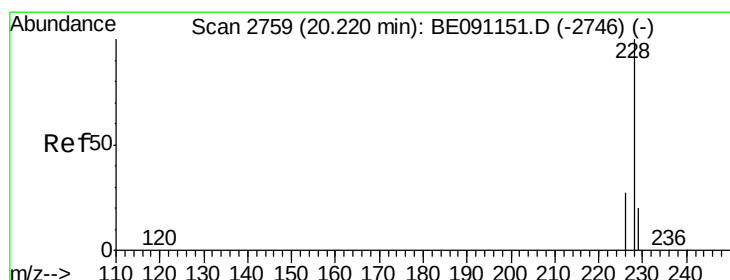
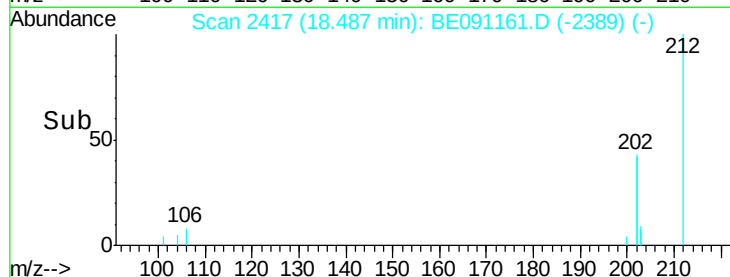
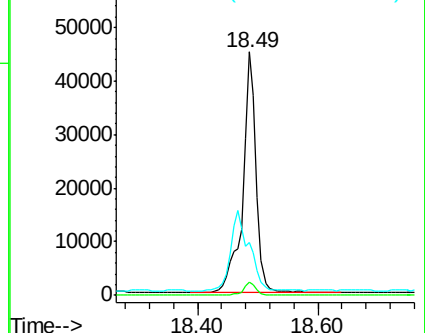
203 21.5 13.8 20.6#



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: 0.07 ng/ul

RT: 20.27 min Scan# 2771

Delta R.T. 0.05 min

Lab File: BE091161.D

Acq: 14 Nov 2015 3:22

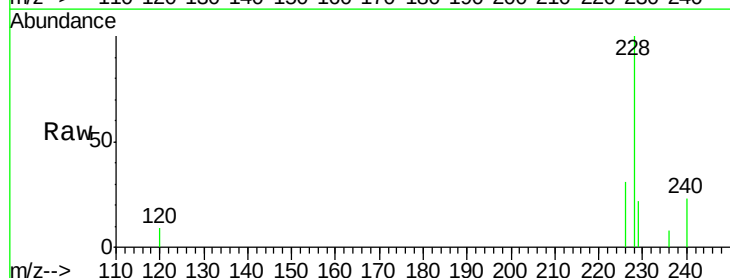
Tgt Ion:228 Resp: 8702

Ion Ratio Lower Upper

228 100

226 31.5 23.0 34.4

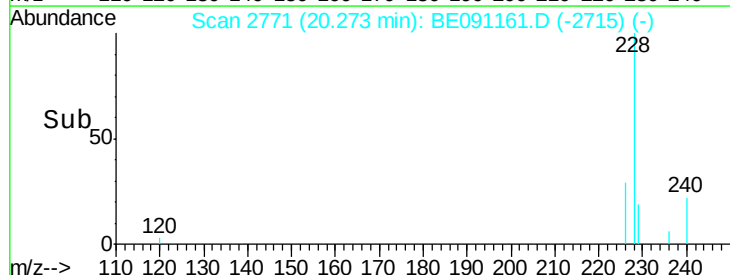
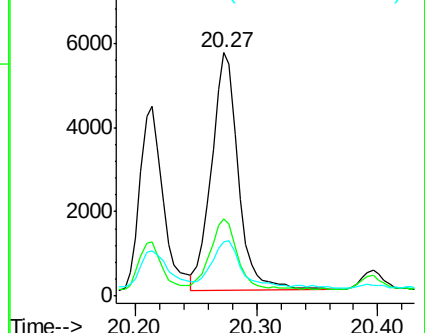
229 22.2 15.2 22.8

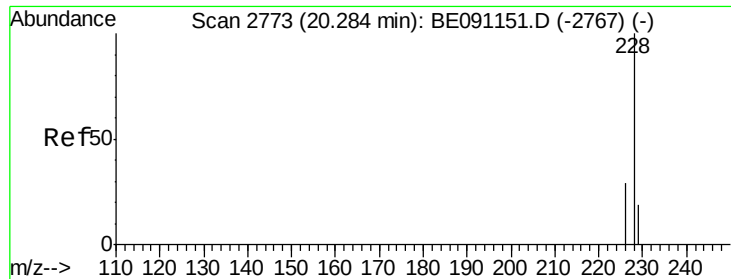


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.06 ng/ul

RT: 20.27 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BE091161.D

Acq: 14 Nov 2015 3:22

Instrument :

BNA_E

ClientSampleId :

D9KQ9

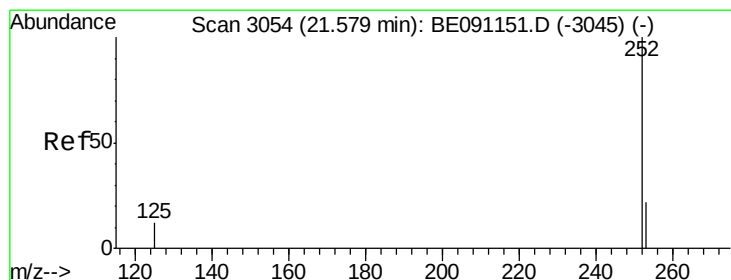
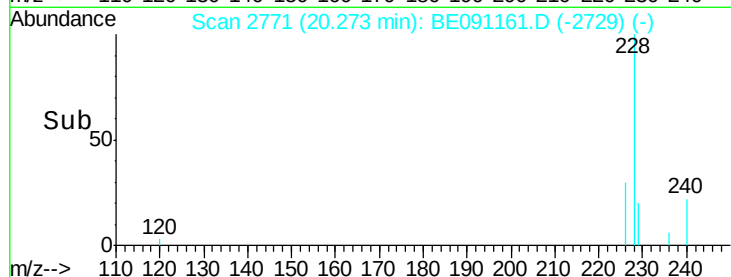
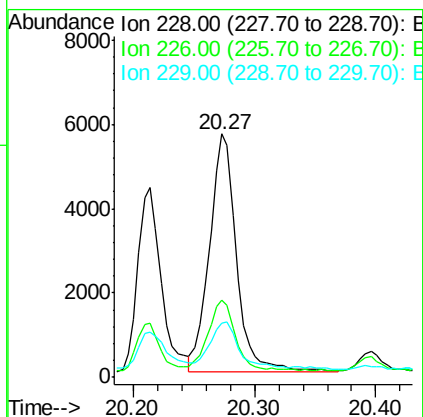
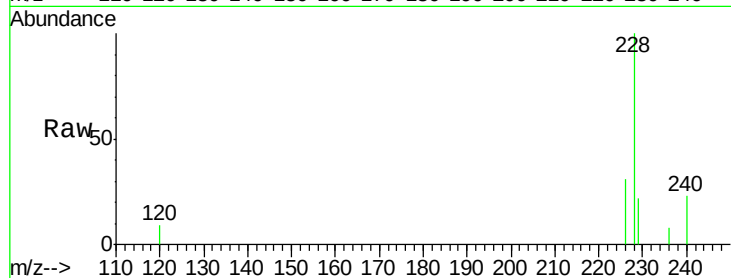
Tot Ion:228 Resp: 8809

Ion Ratio Lower Upper

228 100

226 31.5 25.7 38.5

229 22.2 15.2 22.8



#23

Benzo(b)fluoranthene

Concen: 0.04 ng/ul

RT: 21.57 min Scan# 3052

Delta R.T. -0.01 min

Lab File: BE091161.D

Acq: 14 Nov 2015 3:22

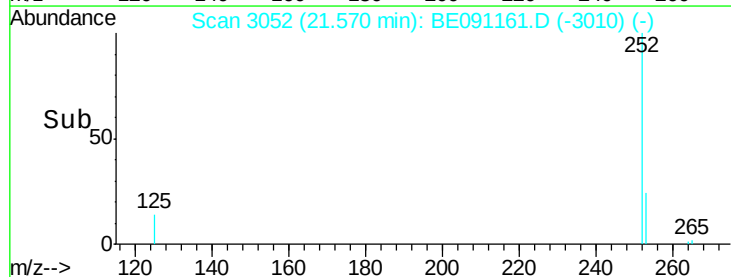
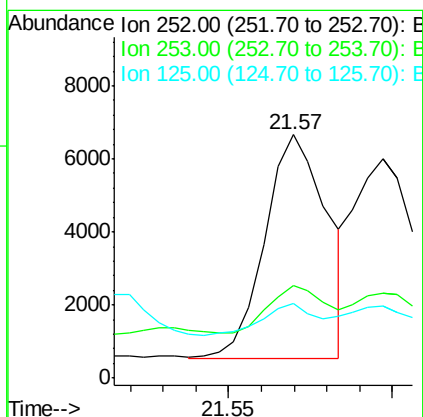
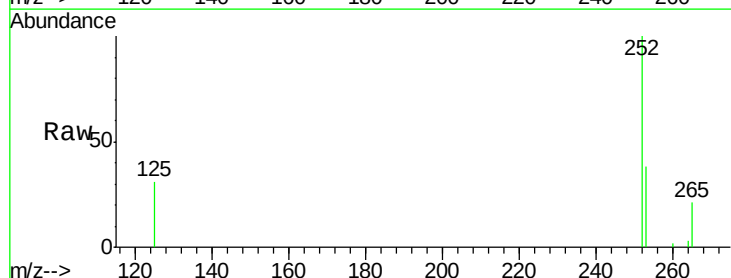
Tgt Ion:252 Resp: 8097

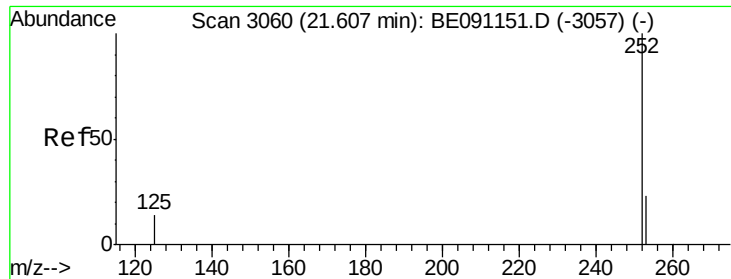
Ion Ratio Lower Upper

252 100

253 38.1 0.0 48.0

125 30.8 0.0 36.6





#24

Benzo(k)fluoranthene

Concen: 0.04 ng/ul

RT: 21.60 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BE091161.D

Acq: 14 Nov 2015 3:22

Instrument :

BNA_E

ClientSampleId :

D9KQ9

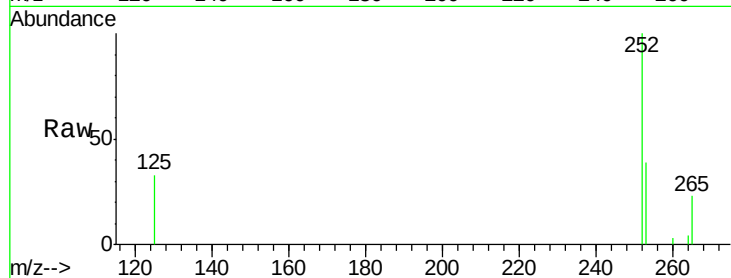
Tot Ion:252 Resp: 7722

Ion Ratio Lower Upper

252 100

253 38.5 20.8 31.2#

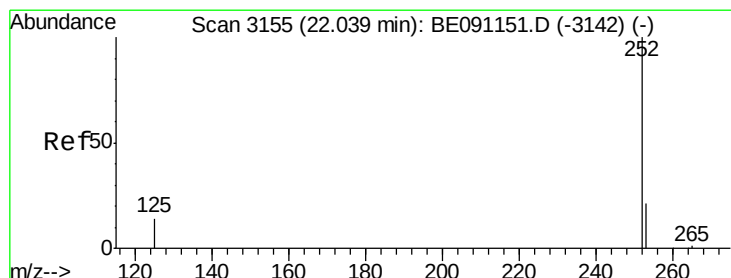
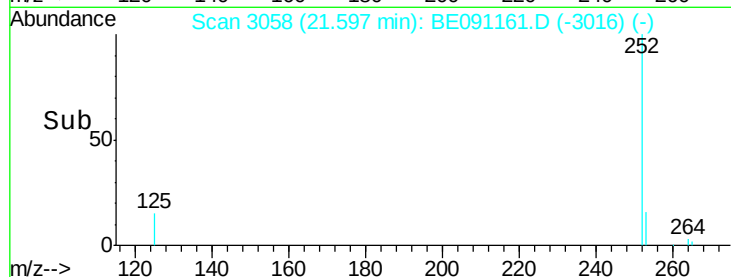
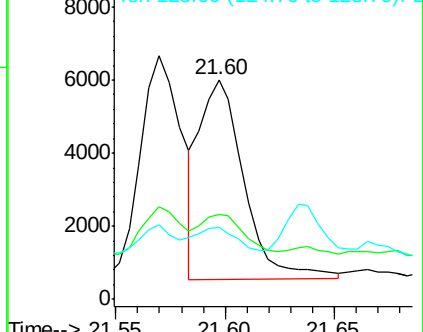
125 32.7 12.2 18.4#



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: 0.04 ng/ul

RT: 22.03 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BE091161.D

Acq: 14 Nov 2015 3:22

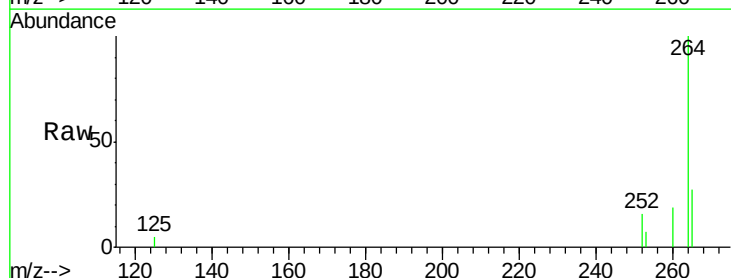
Tgt Ion:252 Resp: 7392

Ion Ratio Lower Upper

252 100

253 42.8 21.8 32.8#

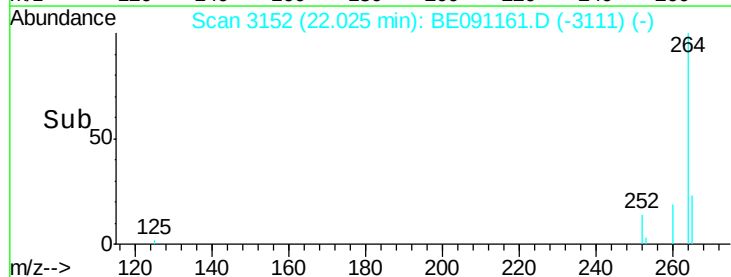
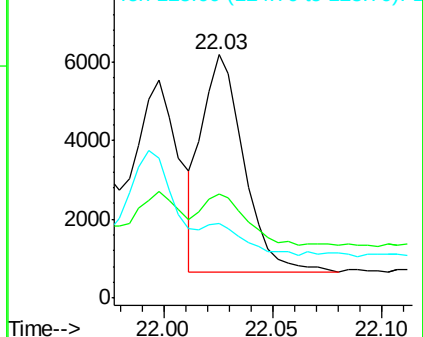
125 30.7 14.5 21.7#

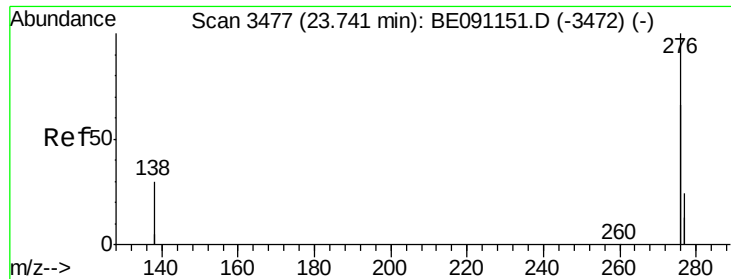


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.03 ng/ul

RT: 23.74 min Scan# 3477

Delta R.T. 0.00 min

Lab File: BE091161.D

Acq: 14 Nov 2015 3:22

Instrument :

BNA_E

ClientSampleId :

D9KQ9

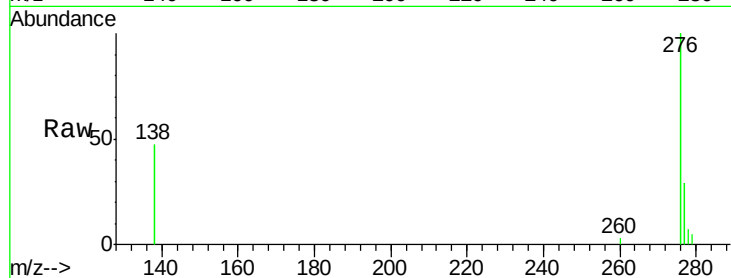
Tot Ion:276 Resp: 22070

Ion Ratio Lower Upper

276 100

138 23.4 27.5 41.3#

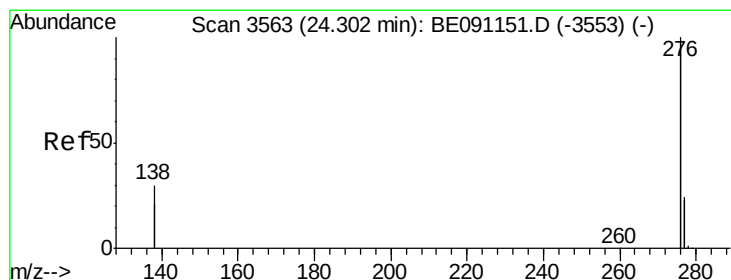
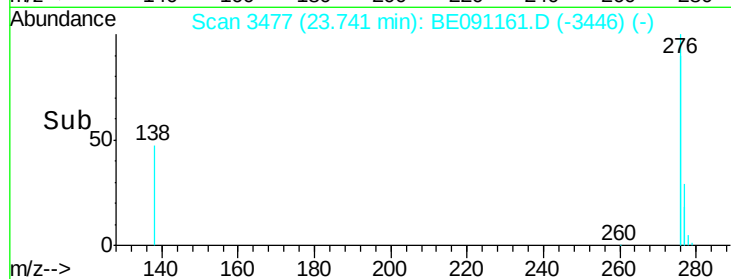
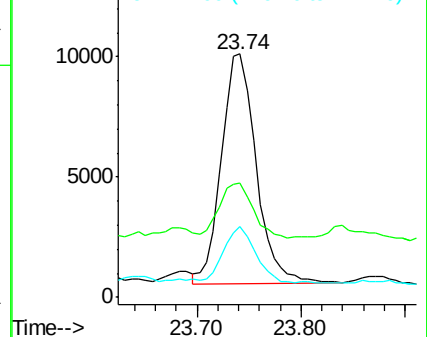
277 24.5 19.3 28.9



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(g,h,i)perylene

Concen: 0.03 ng/ul

RT: 24.30 min Scan# 3562

Delta R.T. -0.01 min

Lab File: BE091161.D

Acq: 14 Nov 2015 3:22

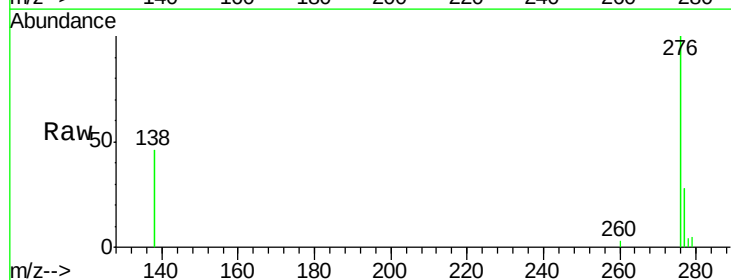
Tgt Ion:276 Resp: 26064

Ion Ratio Lower Upper

276 100

277 27.9 21.3 31.9

138 46.3 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

